

UAB „Sorimpeksas“

Viešoji įstaiga Klaipėdos jūrininkų ligoninė
(Adresatas (perkančioji organizacija))

PASIŪLYMAS DĖL KANIULIŲ ŠIRDIES OPERACIJOMS PIRKIMO

2022-09-05 Nr. _____

(Data)

Kaunas

(Sudarymo vieta)

| | |
|---|--------------------------|
| Tiekėjo pavadinimas | UAB „Sorimpeksas“ |
| Tiekėjo adresas (<i>Jeigu dalyvauja ūkio subjektų grupė, surašomi visi dalyvių adresai</i>) | Šiaulių 16 a., Kaunas |
| Už pasiūlymą atsakingo asmens vardas, pavardė | Daiva Macijauskienė |
| Už pasiūlymą atsakingo asmens telefono numeris | 8-37 361766, 8*612 21183 |
| Už pasiūlymą atsakingo asmens El. pašto adresas | daiva@sorimpeksas.com |

Vykdam sutartį pasitelksiu šiuos subtiekejus (subteikėjus):

Pastaba. Pildoma, jei tiekėjas ketina pasitelkti subrangovą (-us), subtiekėją (-us); ar subteikėją (-us)/

| | |
|--|--|
| Subtiekėjo (-ų) pavadinimas (-ai) | |
| Subtiekėjo (-ų) adresas (-ai) | |
| Įsipareigojimų dalis (procentais), kuriai ketinama pasitelkti subtiekėją (-us) | |
| Sutarties objekto dalis (-ys), kuriai(-oms) ketinama pasitelkti subtiekėją (-us) | |

1. Šiuo pasiūlymu pažymime, kad sutinkame su visomis pirkimo sąlygomis, nustatytomis:

1) atviro konkurso skelbime, paskelbtame Viešųjų pirkimų įstatymo nustatyta tvarka, CVP IS ir Europos Sąjungos oficialiajame leidinyje;

2) atviro konkurso sąlygose;

3) kituose pirkimo dokumentuose (jų paaiškinimuose, papildymuose).

2. Pasirašydamas CVP IS priemonėmis pateiktą pasiūlymą, patvirtinu, kad dokumentų skaitmeninės kopijos ir elektroninėmis priemonėmis pateikti duomenys yra tikri.

3. Teikdami šį pasiūlymą patvirtiname, kad esame tinkamai įsisteigę ir teisėtai veikiame pagal Lietuvos Respublikos įstatymus, taip pat esame atlikę visus teisinius veiksmus, būtinus, kad pirkimo sutartis būtų tinkamai sudaryta ir galiotų, ir turime visus teisės aktais numatytus leidimus, licencijas, darbuotojus, reikalingus prekėms tiekti.

4. Mes siūlome 2 priede „Techninė specifikacija“ nurodytas kaniules ir priemones širdies operacijoms ir patvirtiname, kad mūsų siūlomos prekės atitinka visus šiose konkurso sąlygose nurodytus keliamus reikalavimus **(pateikiamas užpildytas 2 priedas „Techninė specifikacija“)**.

Tais atvejais, kai pagal galiojančius teisės aktus tiekėjui nereikia mokėti PVM, jis lentelės PVM skilties nepildo ir nurodo priežastis, dėl kurių PVM nemoka.

5. Perkančioji organizacija laimėjusio dalyvio pasiūlymą, sudarytą pirkimo sutartį, preliminarią sutartį ir šių sutarčių pakeitimus, išskyrus informaciją, kurios atskleidimas prieštarautų informacijos ir duomenų apsaugą reguliuojantiems teisės aktams arba visuomenės interesams, pažeistų teisėtus konkretaus tiekėjo komercinius interesus arba turėtų neigiamą poveikį tiekėjų konkurencijai, ne vėliau kaip per 15 dienų nuo pirkimo sutarties ar preliminariosios sutarties sudarymo ar jų pakeitimo, bet ne vėliau kaip iki pirmojo mokėjimo pagal ją pradžios Viešųjų pirkimų tarnybos nustatyta tvarka turi paskelbti Centrinėje viešųjų pirkimų informacinėje sistemoje.

Tiekėjai pasiūlyme turi nurodyti, kokia pasiūlyme pateikta informacija yra konfidenciali.

Šiame pasiūlyme pateikta ir **konfidenciali informacija*** (Pildyti tuomet, jei bus pateikiama konfidenciali informacija):

| Eil. Nr. | Pateikto dokumento pavadinimas | Dokumentas yra įkeltas pasiūlymo lango eilutėje „Prisegti dokumentai“ |
|----------|--|---|
| 1 | Konfidencialu. Direktorius įgaliojimas (D.M.) | Dokumentas yra įkeltas pasiūlymo lango eilutėje „Prisegti dokumentai“ |
| 2 | Konfidencialu. Registrų centro ir valdybos pažymos | Dokumentas yra įkeltas pasiūlymo lango eilutėje „Prisegti dokumentai“ |
| 3 | Priedas6_(PZM_FA) | Dokumentas yra įkeltas pasiūlymo lango eilutėje „Prisegti dokumentai“ |
| 4 | Priedas6_(PZM_FA) (2) | Dokumentas yra įkeltas pasiūlymo lango eilutėje „Prisegti dokumentai“ |
| 5 | Konfidencialu. RC pažyma | Dokumentas yra įkeltas pasiūlymo lango eilutėje „Prisegti dokumentai“ |

*Konfidencialia informacija gali būti, įskaitant, bet ja neapsiribojant, komercinė (gamybinė) paslaptis ir konfidencialieji pasiūlymų aspektai. Konfidencialia negalima laikyti informacijos nurodytos VPĮ 20 str. 2 d. Tiekėjas neturi teisės nurodyti, kad visa pasiūlyme pateikta informacija yra konfidenciali. Tiekėjas turi aiškiai nurodyti, kokie su pasiūlymu pateikti dokumentai laikytini konfidencialiais. **Jei tiekėjas nenurodo konfidencialios informacijos, laikoma, kad tokios tiekėjo pasiūlyme nėra.**

6. Kartu su pasiūlymu pateikiami šie dokumentai (pasirašydamas pasiūlymą patvirtinu, kad dokumentų skaitmeninės kopijos yra tikros):

| Eil. Nr. | Pateiktų dokumentų pavadinimas | Dokumento puslapių skaičius |
|----------|--|-----------------------------|
| 1. | Konfidencialu. Direktorius įgaliojimas (D.M.) | 1 |
| 2. | EBVVPD pažyma | 14 |
| 3. | Konfidencialu. RC pažyma | 2 |
| 4. | Konfidencialu. Registrų centro ir valdybos pažymos | 5 |
| 5. | Priedas6_(PZM_FA) | 1 |

| | | |
|-----|---|-----|
| 6. | Priedas6_(PZM_FA) (2) | 1 |
| 7. | CE sertifikatas | 2 |
| 8. | Gamintojo įgaliojimas | 4 |
| 9. | Kaniulių katalogas | 122 |
| 10. | 7, 9, 11, 12 p.d. Brosiuros 29150, 31XXX, TS2000, HP3000 | 14 |
| 11. | 9 p.d. Brosiura Accumist 29150 | 2 |
| 12. | 11, 12 p.d. TS2000, HP3000 | 7 |

7. Pasiūlymas galioja iki termino, nustatyto pirkimo dokumentuose.

Viešųjų pirkimų vadybininkė
(Tiekėjo arba jo įgalioto asmens
pareigų pavadinimas)

Daiva Macijauskienė
(Vardas ir pavardė)

**TECHNINĖ SPECIFIKACIJA
KANIULĖS ŠIRDIES OPERACIJOMS**

| Pirkimo dalies Nr. | PREKĖS PAVADINIMAS | REIKALAUJAMOS SAVYBĖS (prekės aprašymas) | 12 mėn. poreikis vnt. | Firminis prekės pavadinimas, Prekės gamintojas. Katalogo ar aprašo numeris bei puslapis, kuriame yra siūloma prekė. Prekės kodas kataloge | Vienet o kaina be PVM (Eur) | Viso kiekio kaina be PVM (Eur) | PVM dydis (%) | Viso kiekio kaina su PVM (Eur) |
|--|---------------------------------------|--|-----------------------|---|-----------------------------|--------------------------------|---------------|--------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 3 | Antegradinės kardiopleginės kaniulės | 3.1. Skaidri, lanksti, standartinė aortos šaknies kaniulė. Kaniulė turi turėti minkštą, su skylutėmis šonuose, galiuką ir siūlės fiksatorių su įpjovomis. Kaniulė turi turėti drenavimo atšaką, aštrų adatos tipo pravediklį. Kaniulės jungtis - <i>Luer</i> tipo su kamštuku. 9F | 400 vnt.. | Medtronic, DLP kaniulės 20012. Kaniuliu katalogas - 45 (53 / 122) psl. | 10.20 | 4080.00 | 5 | 4284.00 |
| | | 3.2. Tiesi, Skaidri, lanksti, aortos šaknies kaniulė. Galiukas su skylutėmis šonuose ir siūlės fiksatoriumi su įpjovomis. Ant kaniulės slankiojantis fiksavimo žiedas. Adatos tipo pravediklis. Kaniulės jungtis - <i>Luer</i> tipo su kamštuku Flow- Guard tipo. Dydis 6F | 100 vnt.. | DLP kaniulės 11014 Kaniuliu katalogas - 44 (52 / 122) psl. | 12.90 | 1290.00 | 5 | 1354.50 |
| | | 3.3. Plieninė, lankstoma, didelės tekmės koronarinių žiočių perfūzinė kaniulė (įkišama, ne prispaudžiama), 45° kampu lenktu kietu galiuku, kieta rankenėle. Kaniulės jungtis - <i>Luer</i> tipo. Kaniulės dydis 12F. Ilgis 16-22 cm. Slėgio kritimas iki 20 mmHg esant 250 ml/min. tėkmei | 60 vnt. | DLP kaniulė 30212. Kaniuliu katalogas - 48 (56 / 122) psl. | 10.80 | 648.00 | 5 | 680.40 |
| | | 3.4. Plieninė, lankstoma, didelės tekmės koronarinių žiočių perfūzinė kaniulė 90° kampu lenktu kietu galiuku, kieta rankenėle. Kaniulės jungtis - <i>Luer</i> tipo. Kaniulės dydis 10F ir 12 F. Ilgis 16-22 cm. Slėgio kritimas iki 35 mmHg esant 250 ml/min tėkmei | 60 vnt. | DLP kaniulė 30110, 30112. Kaniuliu katalogas - 48 (56 / 122) psl. | 10.80 | 648.00 | 5 | 680.40 |
| Iš viso 3 dalies pasiūlymo kaina | | | | | | 6666.00 | 5 | 6999.30 |
| 3 pirkimo dalies bendra pasiūlymo kaina su PVM žodžiais: Šeši tūkstančiai devyni šimtai devyniasdešimt devyni eurai 30 ct | | | | | | | | |
| 4 | Retrogradinės kardiopleginės kaniulės | Silikoninė, armuota, retrogradinė kardiopleginė kaniulė su slėgio matavimo linija ir automatiškai išsipučiančia lygia manžete. Kietas, lengvai lankstomas pravediklis. Kaniulės jungtis - <i>Luer</i> tipo. Kaniulės dydis 15F. Ilgis 30-35 cm. Slėgio kritimas iki 40 mmHg esant 400 ml/min tėkmei. | 280 vnt. | Medtronic, DLP kaniulė 94315T. Kaniuliu katalogas - 55 (63 / 122) psl. | 50.76 | 14212.80 | 5 | 14923.44 |
| 4 pirkimo dalies bendra pasiūlymo kaina su PVM žodžiais: Keturiolika tūkstančių devyni šimtai dvidešimt trys eurai 44 ct | | | | | | | | |
| 7 | Koronarų šunteliai | Intrakoronariniai šunteliai koronarų šuntavimui be DKA (1,0-3,0mm) | 16 vnt. | Medtronic, Intrakoronariniai šunteliai, | 27.20 | 435.20 | 5 | 456.96 |

| | | | | | | | | |
|---|---|---|----------|---|--------|---------|---|----------------|
| | | | | kodai 31100, 31125, 31150, 31175, 31200, 31225, 31250, 31275, 31300. 7, 9, 11, 12 p.d. Brosiuos 29150, 31XXX, TS2000, HP3000 – 10, 11 psl. | | | | |
| 7 pirkimo dalies bendra pasiūlymo kaina su PVM žodžiais: Keturi šimtai penkiasdešimt šeši eurai 96 ct | | | | | | | | |
| 8 | Kraujagyslinė kaniulė | Permatoma, plastikinė kaniulė, diametras 2 mm., kūgio formos galas. Kaniulės jungtis - Luer tipo. | 200 vnt. | Medtronic, 30004. Kaniuliu katalogas - 84 (94 / 122) psl. | 2.70 | 540.00 | 5 | 567.00 |
| 8 pirkimo dalies bendra pasiūlymo kaina su PVM žodžiais: Penki šimtai šešiasdešimt septyni eurai 00 ct | | | | | | | | |
| 11 | Vainikinės arterijos stabilizatorius (vakuminis) | Vienkartinis, vakuminis audinių stabilizatorius universalium, žemo profilio pagrindu, stabiliai tvirtinamu prie retraktoriaus. Lanksti, vienkartinė, nukreipiama bet kuria kryptimi alkūne, stabiliai fiksuojama prisukama rankenėle. Žemo profilio, dviejų atšakų, 360 ⁰ kampu besisukanti stabilizatoriaus galvutė su permatomis, plastikinėmis taurelėmis Lankstus vakumo vamzdelis su kraneliu | 4 vnt. | Medtronic, Evolution stabilizatorius TS2000. 7, 9, 11, 12 p.d. Brosiuos 29150, 31XXX, TS2000, HP3000 – 10 psl. 4 – 5 psl. 11, 12 p.d. TS2000, HP3000 – 1-3 psl. https://europe.medtronic.com/xd-en/healthcare-professionals/products/cardiovascular/vascularization-surgical/octopus-tissue-stabilizers.html | 276.00 | 1104.00 | 5 | 1159.20 |
| 11 pirkimo dalies bendra pasiūlymo kaina su PVM žodžiais: Vienas tūkstantis vienas šimtas penkiasdešimt devyni eurai 20 ct | | | | | | | | |
| 12 | Širdies viršūnės fiksatorius (vakuminis) | Vienkartinis, vakuminis širdies viršūnės stabilizatorius universalium, žemo profilio pagrindu, stabiliai tvirtinamu prie retraktoriaus. | 4 vnt. | Medtronic, StarFish viršūnės fiksatorius HP3000. 7, 9, 11, 12 p.d. Brosiuos 29150, 31XXX, TS2000, HP3000 – 10 psl. 6 – 7 psl. 11, 12 p.d. TS2000, HP3000 – 4-9 psl. https://europe.medtronic.com/xd-en/healthcare-professionals/products/cardiovascular/vascularization-surgical/starfish-heart-positioners.html | 276.00 | 1104.00 | 5 | 1159.20 |
| 12 pirkimo dalies bendra pasiūlymo kaina su PVM žodžiais: Vienas tūkstantis vienas šimtas penkiasdešimt devyni eurai 20 ct | | | | | | | | |



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Catalog 2018

Medtronic
Further, Together

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CONTENTS

Extracorporeal Circuit

| | |
|-------------------------|----|
| Arterial Cannulae | 2 |
| Femoral Cannulae | 20 |
| Venous Cannulae | 32 |

Cardioplegia Circuit

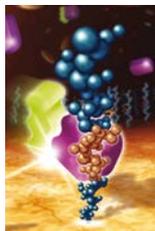
| | |
|-------------------------------------|----|
| Antegrade Perfusion Cannulae | 44 |
| Retrograde Perfusion Cannulae | 50 |
| Cardioplegia Adapters | 60 |

Suction Circuit and Surgical Accessories

| | |
|---------------------------------|----|
| Suction Circuit Products | 72 |
| Surgical Support Products | 80 |
| Cardio-Kits and Packs | 92 |

Appendix

| | |
|---------------------|----|
| Product Codes | 97 |
|---------------------|----|



Cortiva™ BioActive Surface

- Durable, non-leaching end point attached heparin
- Provides thromboresistance and enhanced blood compatibility

Some of our cannulae are available with Cortiva™ BioActive Surface. For more information contact your local Medtronic Cannula Products Representative.



ALLEVIATE PAIN RESTORE HEALTH EXTEND LIFE

Living Our Mission With You

Our Mission guides our day-to-day work and reminds us that our efforts, large and small, transform the lives of millions of people each year.

We have been working with you to deliver trusted and innovative cannula options for more than 35 years for standard, pediatric and MICS procedures — while offering your favorite cardiac suction, surgical support items and cardio-kits.

Together, we can deliver the cardiac cannula solutions that matter most to you — and your patients.



**EXTRACORPOREAL
CIRCUIT
CANNULAE**
ARTERIAL
**FEMORAL
VENOUS**



FIND YOUR IDEAL **ARTERIAL CANNULAE**

Arterial cannulae are intended to deliver oxygenated blood to the heart. Medtronic understands the importance of gentle flow in the often fragile aorta, and we offer a number of different product variations to facilitate a variety of surgical techniques and patient anatomies. Our adult and pediatric arterial cannulae are available in sizes from 6 Fr to 24 Fr in a variety of tip configurations, lengths, and connector sizes to meet your specific needs.

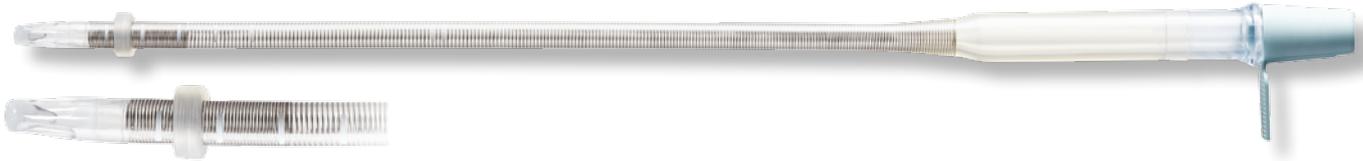


ARTERIAL CANNULAE

| | |
|---|----|
| Soft Flow™ Extended | 3 |
| Soft Flow™ Straight Tip | 3 |
| Soft Flow™ Angled Tip | 4 |
| EOPA™ 3D | 5 |
| Select 3D™ II | 6 |
| EOPA™ CAP | 7 |
| EOPA™ | 8 |
| DLP™ Pediatric One-Piece | 9 |
| DLP™ Straight Tip | 10 |
| DLP™ Flexible Arch | 11 |
| Select Series™ Straight Tip | 11 |
| Select Series™ Angled Tip | 12 |
| DLP™ Curved Tip with One-Piece Wirewound Body | 13 |
| DLP™ Curved Tip Cannulae with Wirewound Body | 14 |
| DLP™ Curved Tip | 15 |
| DLP™ Metal Tip | 17 |

Soft-Flow®* Extended Arterial Cannulae

These arterial models were the first available diffusion tip cannulae on the market. This design features a closed-tip with an inner cone that directs flow through side vents. This results in a diffuse, lower-velocity flow. The extended length, kink-resistant wirewound body allows for use across various patient anatomies. An orientation line, depth markings, and a suture ring assist with positioning of the cannulae.



14.5 in (37.0 cm) overall length

Suture ring and extended body

Vented 3/8 in (0.95 cm) connector

| | |
|------|----------------|
| 4949 | 21 Fr (7.0 mm) |
|------|----------------|

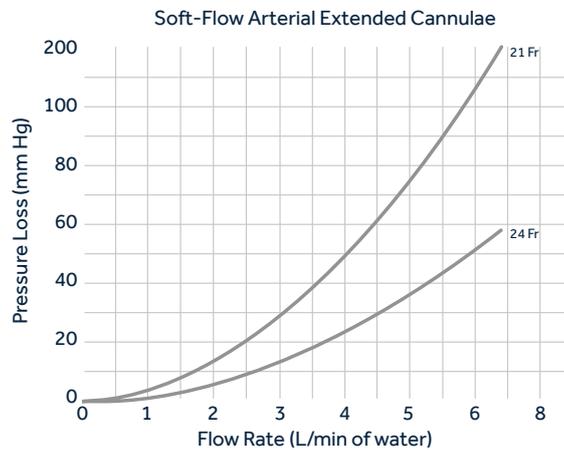
| | |
|------|----------------|
| 4951 | 24 Fr (8.0 mm) |
|------|----------------|

Non-vented 3/8 in (0.95 cm) connector

| | |
|------|----------------|
| 4948 | 21 Fr (7.0 mm) |
|------|----------------|

| | |
|------|----------------|
| 4950 | 24 Fr (8.0 mm) |
|------|----------------|

10 per carton



Soft-Flow®* Straight Tip Arterial Cannulae

These arterial models were the first available diffusion tip cannulae on the market. A smooth, tapered, reverse-angle tip is designed to facilitate insertion and placement. An orientation line, depth markings, and a suture bulb assist with positioning the cannulae. All cannulae feature kink-resistant wirewound bodies and a 3/8 in vented or non-vented connector.



14 in (36.0 cm) overall length

Straight tip with suture bulb

Vented 3/8 in (0.95 cm) connector

| | |
|------|----------------|
| 5798 | 21 Fr (7.0 mm) |
|------|----------------|

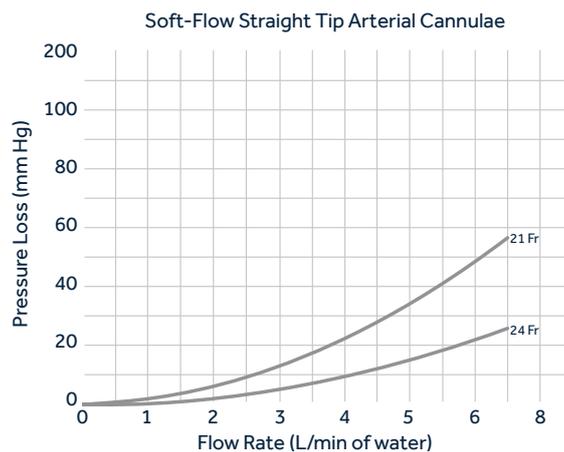
| | |
|------|----------------|
| 5841 | 24 Fr (8.0 mm) |
|------|----------------|

Non-vented 3/8 in (0.95 cm) connector

| | |
|------|----------------|
| 5842 | 21 Fr (7.0 mm) |
|------|----------------|

| | |
|------|----------------|
| 5843 | 24 Fr (8.0 mm) |
|------|----------------|

10 per carton



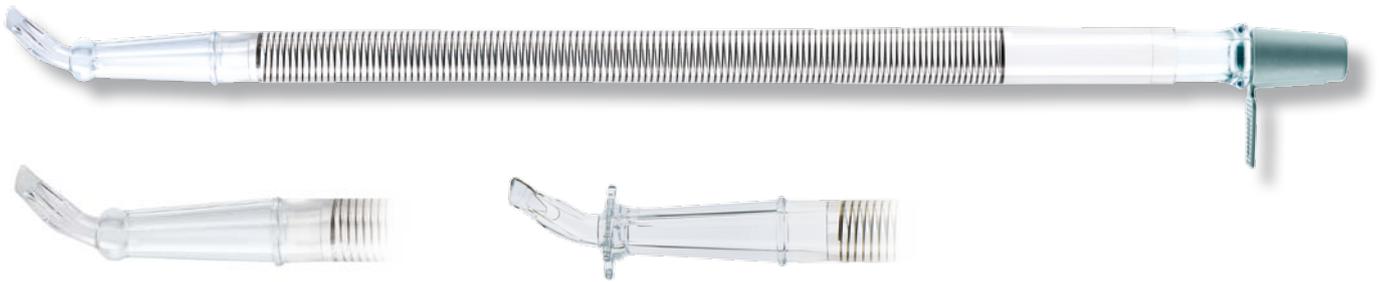
Soft-Flow Arterial Cannulae are manufactured by MC3, Inc. and exclusively distributed by Medtronic.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Soft-Flow®* Angled Tip Arterial Cannulae

These arterial models were the first available diffusion tip cannulae on the market. A smooth, tapered, reverse-angle tip is designed to facilitate insertion and placement. An orientation line, depth markings, and a suture bulb or flange assist with positioning the cannulae. All cannulae feature kink-resistant wirewound bodies and a 3/8 in vented or non-vented connector.



14 in (36.0 cm) overall length

Angled tip with suture bulb

Vented 3/8 in (0.95 cm) connector

7072 18 Fr (6.0 mm)

5761 21 Fr (7.0 mm)

5762 24 Fr (8.0 mm)

Non-vented 3/8 in (0.95 cm) connector

7071 18 Fr (6.0 mm)

5767 21 Fr (7.0 mm)

5768 24 Fr (8.0 mm)

10 per carton

Angled tip with suture flange

Vented 3/8 in (0.95 cm) connector

7080 18 Fr (6.0 mm)

6394 21 Fr (7.0 mm)

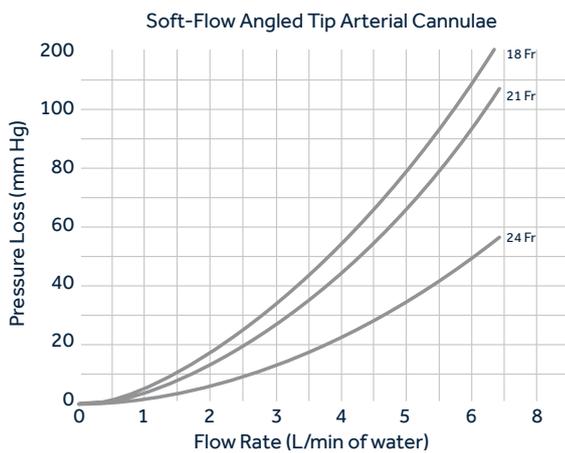
6386 24 Fr (8.0 mm)

Non-vented 3/8 in (0.95 cm) connector

6392 21 Fr (7.0 mm)

6384 24 Fr (8.0 mm)

10 per carton



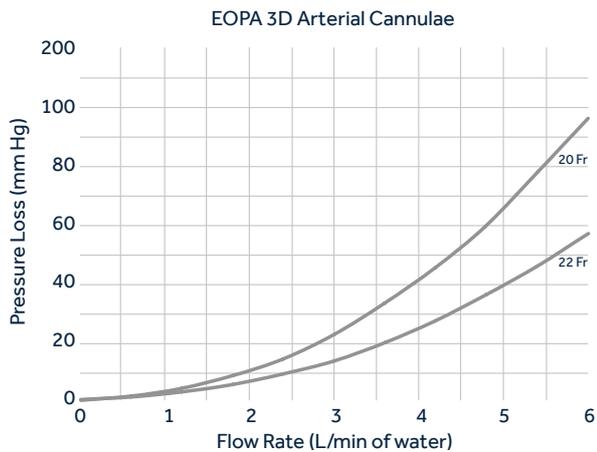
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EOPA™ 3D Arterial Cannulae

These cannulae offer unique tapered diffuse flow tips and kink-resistant, elongated wirewound bodies. The 3D tip is designed with three integrated flutes to diffuse and disperse blood flow. Features include adjustable radiopaque suturing ring, obturator, hemostasis cap, depth markings and tip orientation line.



Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 78220 | 20 Fr (6.7 mm) |
|-------|----------------|

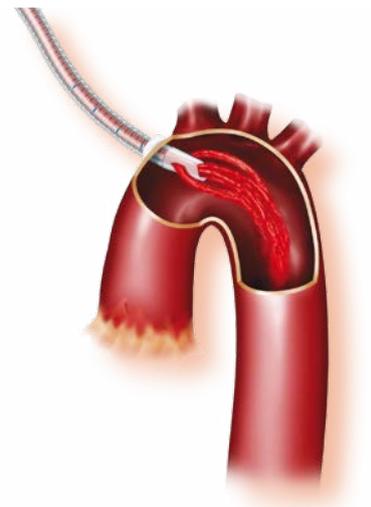
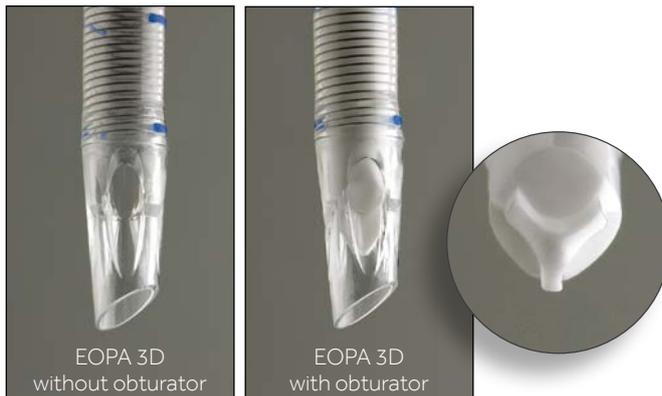
| | |
|-------|----------------|
| 78222 | 22 Fr (7.3 mm) |
|-------|----------------|

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 78320 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 78322 | 22 Fr (7.3 mm) |
|-------|----------------|

10 per carton



Important Safety Information

EOPA 3D models: Cannula tip must be inserted beyond side ports to minimum depth marks to avoid possibility of tissue dissection of the aorta. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Select 3D™ II Arterial Cannulae

These cannulae offer beveled tips and tapered, one-piece, kink-resistant wirewound bodies. The tips feature three integrated flutes which help diffuse and disperse blood flow.



**11.5 in (29.2 cm)
overall length**

45° tip

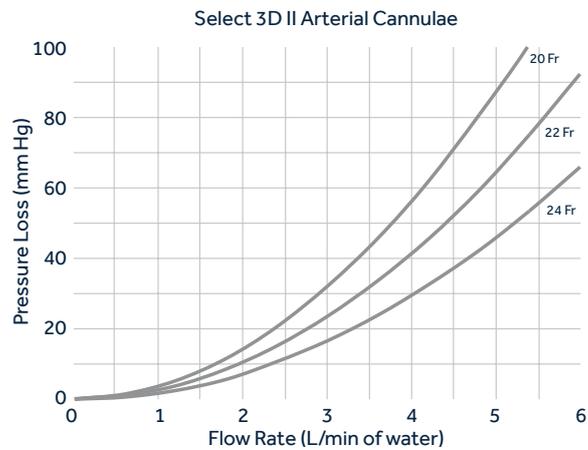
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 78420 | 20 Fr (6.7 mm) |
| 78422 | 22 Fr (7.3 mm) |
| 78424 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 78520 | 20 Fr (6.7 mm) |
| 78522 | 22 Fr (7.3 mm) |
| 78524 | 24 Fr (8.0 mm) |

20 per carton



Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

EOPA™ CAP Arterial Cannulae

These cannulae offer elongated, one-piece, kink-resistant wirewound bodies with an introducer, hemostasis cap and an integrated pressure monitoring port. Features include depth markings and adjustable radiopaque suture ring.



12 in (30.5 cm) overall length

Blunt tip introducer

Vented 3/8 in (0.95 cm) connector

77818 18 Fr (6.0 mm)

77820 20 Fr (6.7 mm)

77822 22 Fr (7.3 mm)

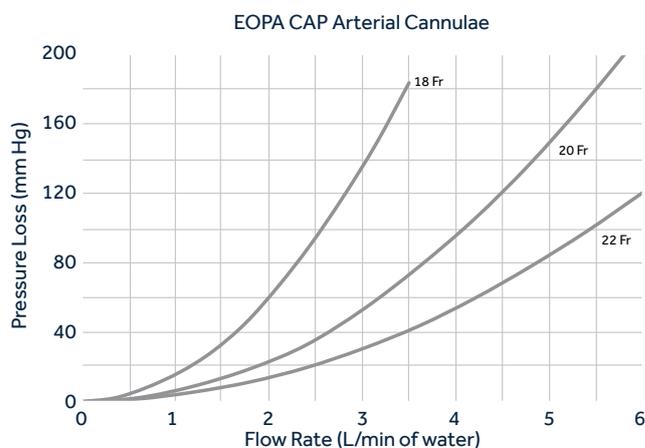
Non-vented 3/8 in (0.95 cm) connector

77918 18 Fr (6.0 mm)

77920 20 Fr (6.7 mm)

77922 22 Fr (7.3 mm)

10 per carton

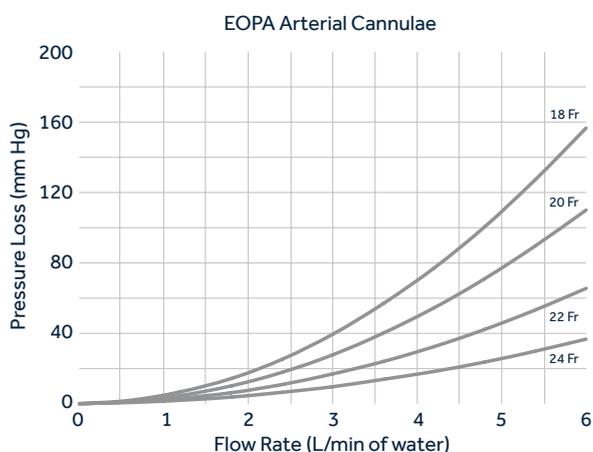


Important Safety Information

EOPA CAP models: Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgical procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

EOPA™ Arterial Cannulae

These cannulae offer elongated, one-piece, kink-resistant wirewound bodies with an introducer and hemostasis cap. Features include depth markings and an adjustable radiopaque suture ring.



12 in (30.5 cm) overall length

Blunt tip introducer without guidewire

Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 77418 | 18 Fr (6.0 mm) |
| 77420 | 20 Fr (6.7 mm) |
| 77422 | 22 Fr (7.3 mm) |
| 77424 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 77518 | 18 Fr (6.0 mm) |
| 77520 | 20 Fr (6.7 mm) |
| 77522 | 22 Fr (7.3 mm) |
| 77524 | 24 Fr (8.0 mm) |

10 per carton

12 in (30.5 cm) overall length

Dilator tip introducer with 0.038 in (0.1 cm) guidewire

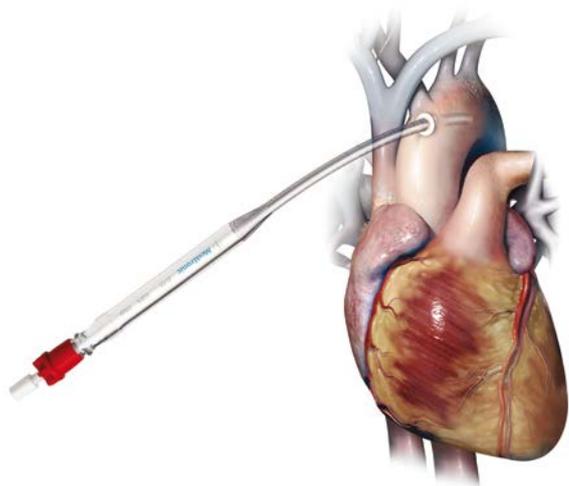
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 77618 | 18 Fr (6.0 mm) |
| 77620 | 20 Fr (6.7 mm) |
| 77622 | 22 Fr (7.3 mm) |
| 77624 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 77718 | 18 Fr (6.0 mm) |
| 77720 | 20 Fr (6.7 mm) |
| 77722 | 22 Fr (7.3 mm) |
| 77724 | 24 Fr (8.0 mm) |

10 per carton



Important Safety Information

EOPA models with dilator tip introducer: A guidewire must be used for proper placement of introducer tip while inserting cannula to avoid trauma to the back wall of the aorta. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgical procedures.

DLP™ Pediatric One-Piece Arterial Cannulae

These cannulae offer beveled tips with elongated, one-piece, kink-resistant wirewound bodies. Features include an adjustable hemostasis introducer system and depth markings.



**9 in (22.9 cm)
overall length**

**Vented ¼ in (0.64 cm)
connector (blue hub)**

| | |
|-------|----------------|
| 77006 | 6 Fr (2.0 mm) |
| 77008 | 8 Fr (2.7 mm) |
| 77010 | 10 Fr (3.3 mm) |
| 77012 | 12 Fr (4.0 mm) |
| 77014 | 14 Fr (4.7 mm) |
| 77016 | 16 Fr (5.3 mm) |

**Non-vented ¼ in (0.64 cm)
connector (blue hub)**

| | |
|-------|----------------|
| 77106 | 6 Fr (2.0 mm) |
| 77108 | 8 Fr (2.7 mm) |
| 77110 | 10 Fr (3.3 mm) |
| 77112 | 12 Fr (4.0 mm) |
| 77114 | 14 Fr (4.7 mm) |
| 77116 | 16 Fr (5.3 mm) |

5 per carton



**9 in (22.9 cm)
overall length**

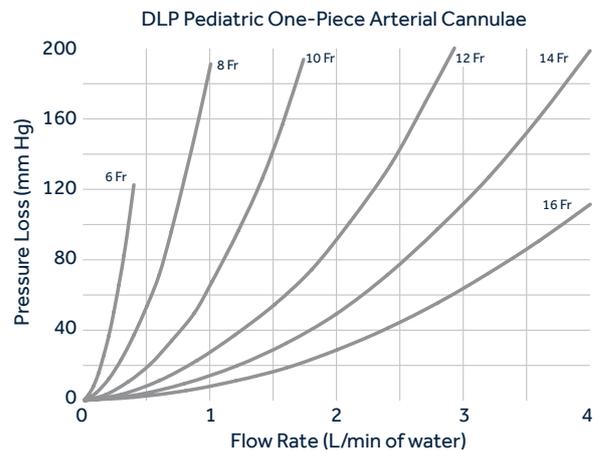
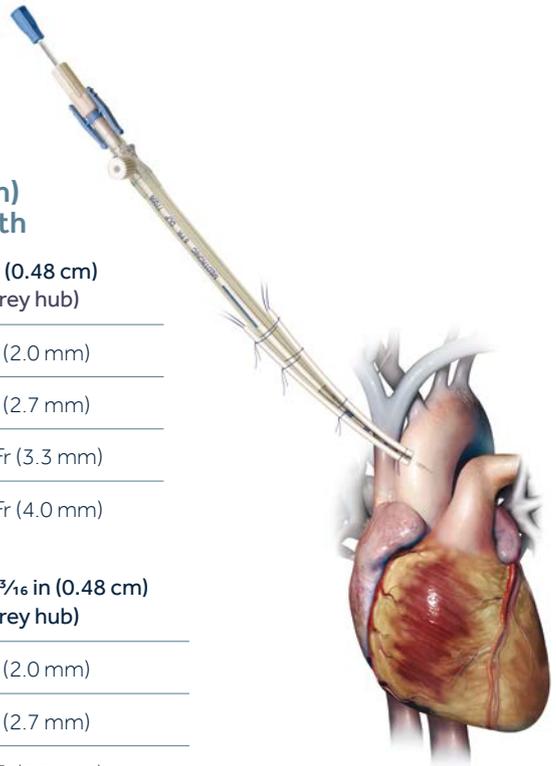
**Vented ⅜ in (0.48 cm)
connector (grey hub)**

| | |
|-------|----------------|
| 77206 | 6 Fr (2.0 mm) |
| 77208 | 8 Fr (2.7 mm) |
| 77210 | 10 Fr (3.3 mm) |
| 77212 | 12 Fr (4.0 mm) |

**Non-vented ⅜ in (0.48 cm)
connector (grey hub)**

| | |
|-------|----------------|
| 77306 | 6 Fr (2.0 mm) |
| 77308 | 8 Fr (2.7 mm) |
| 77310 | 10 Fr (3.3 mm) |
| 77312 | 12 Fr (4.0 mm) |

5 per carton

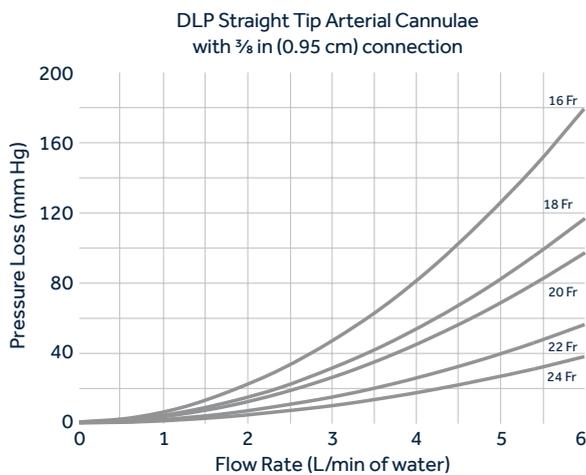
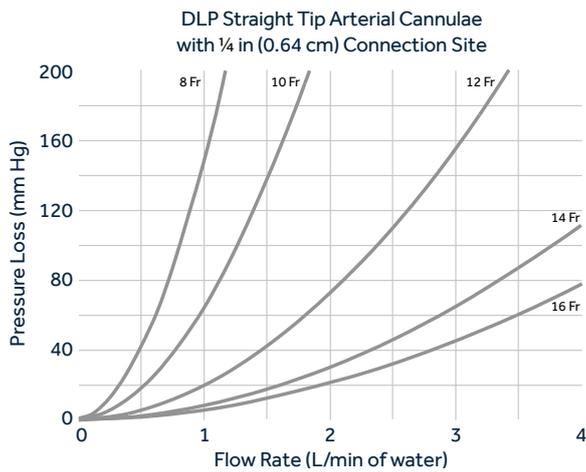
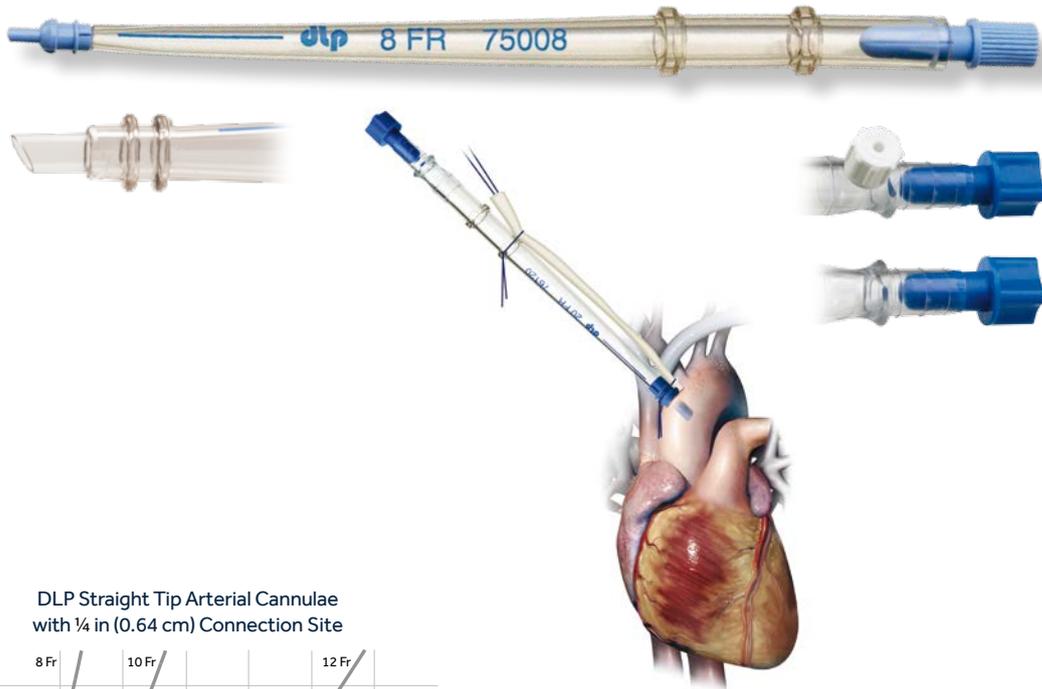


Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Straight Tip Arterial Cannulae

These pediatric and adult cannulae feature beveled tips and tapered bodies with an orientation line. A variety of sizes are available.



7 in (17.8 cm) overall length

Connection site ¼ in (0.64 cm)

| | |
|-------|--------------------------|
| 75008 | 8 Fr (2.7 mm) |
| 75010 | 10 Fr (3.3 mm) |
| 75012 | 12 Fr (4.0 mm) |
| 75014 | 14 Fr (4.7 mm) |
| 70016 | 16 Fr (5.3 mm) clear tip |

Connection site ⅜ in (0.95 cm)

| | |
|-------|--------------------------|
| 73016 | 16 Fr (5.3 mm) clear tip |
| 75318 | 18 Fr (6.0 mm) |
| 75320 | 20 Fr (6.7 mm) |
| 75322 | 22 Fr (7.3 mm) |
| 75324 | 24 Fr (8.0 mm) |

20 per carton

8 in (20.3 cm) overall length

Vented ⅜ in (0.95 cm) connector

| | |
|-------|----------------|
| 76020 | 20 Fr (6.7 mm) |
| 76022 | 22 Fr (7.3 mm) |
| 76024 | 24 Fr (8.0 mm) |

Non-vented ⅜ in (0.95 cm) connector

| | |
|-------|----------------|
| 76118 | 18 Fr (6.0 mm) |
| 76120 | 20 Fr (6.7 mm) |
| 76122 | 22 Fr (7.3 mm) |
| 76124 | 24 Fr (8.0 mm) |

20 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Flexible Arch Arterial Cannulae

These cannulae offer beveled tips and tapered, one-piece bodies. Features include adjustable ring, tip orientation line, and depth markings.



11 in (27.9 cm)
overall length

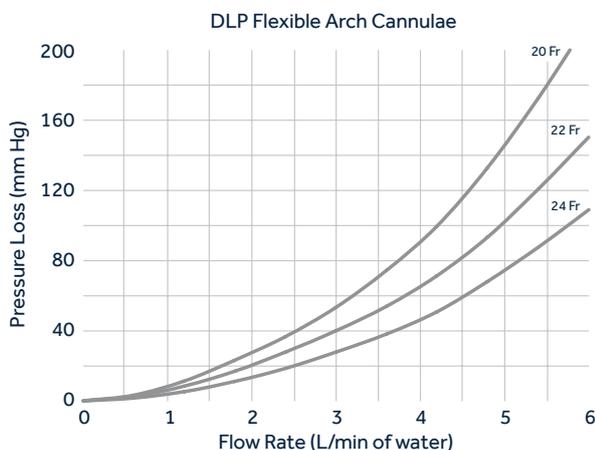
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 70420 | 20 Fr (6.7 mm) |
| 70422 | 22 Fr (7.3 mm) |
| 70424 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 71420 | 20 Fr (6.7 mm) |
| 71422 | 22 Fr (7.3 mm) |
| 71424 | 24 Fr (8.0 mm) |

20 per carton



Įpirkimo dalis. Arterinės kaniulės (aortos kaniuliacijai)
Tiesios arterinės kaniulės

Select Series™ Straight Tip Arterial Cannulae

These cannulae feature beveled tips and tapered, one-piece, kink-resistant wirewound bodies, tip orientation line, and connector peel cap.

Užsilenkimui atspari, viela sutvirtinomis plonomis sienelėmis, kūgio formos, tiesi kaniulė, nuožulniai nupjautu kietu galu su nejudančiu fiksatoriumi, turinčiu siūlės briauną. Turi krypties nustatymo žymę.



12 in (30.5 cm)
overall length

Ilgis 30,5 cm.

Vented 3/8 in (0.95 cm) connector

Išorinė kaniulės jungtis 3/8" su Luer tipo atšaka ir kamšteliumi, leidžiančiu kaniulei automatiškai užsipildyti.

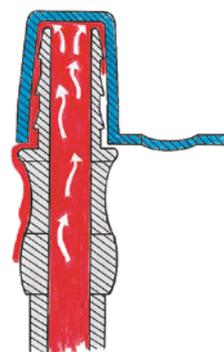
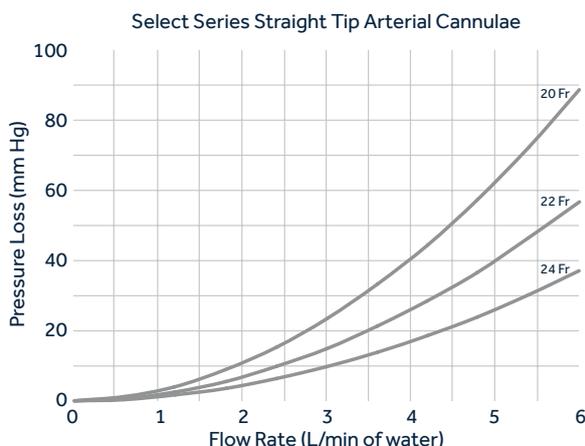
Kaniulių dydžiai turi būti 20F, 22F

| | |
|-------|----------------|
| 72120 | 20 Fr (6.7 mm) |
| 72122 | 22 Fr (7.3 mm) |
| 72124 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 72220 | 20 Fr (6.7 mm) |
| 72222 | 22 Fr (7.3 mm) |
| 72224 | 24 Fr (8.0 mm) |

20 per carton



Slėgio kritimas ne didesnis:
esant 20F dydžiui ir 4 l/min. tėkmei iki 50 mmHg, esant 22F dydžiui ir 4 l/min. tėkmei iki 30 mmHg, Kaniulių dydžiai turi būti:

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician

Select Series™ Angled Tip Arterial Cannulae

These cannulae feature beveled tips and tapered, one-piece kink-resistant wirewound bodies, tip orientation line, and connector peel cap



12 in (30.5 cm) overall length

45° tip without side holes

Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 72420 | 20 Fr (6.7 mm) |
| 72422 | 22 Fr (7.3 mm) |
| 72424 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 72520 | 20 Fr (6.7 mm) |
| 72522 | 22 Fr (7.3 mm) |
| 72524 | 24 Fr (8.0 mm) |

20 per carton

12 in (30.5 cm) overall length

45° tip with side holes

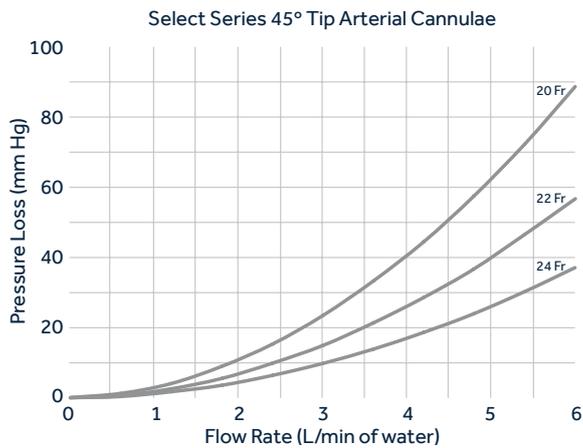
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 73420 | 20 Fr (6.7 mm) |
| 73422 | 22 Fr (7.3 mm) |
| 73424 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 73520 | 20 Fr (6.7 mm) |
| 73522 | 22 Fr (7.3 mm) |
| 73524 | 24 Fr (8.0 mm) |

20 per carton



Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body

These cannulae feature beveled curved tips and tapered, one-piece kink-resistant wirewound bodies, tip orientation line, and connector peel cap.



11 in (27.9 cm) overall length

Round flange

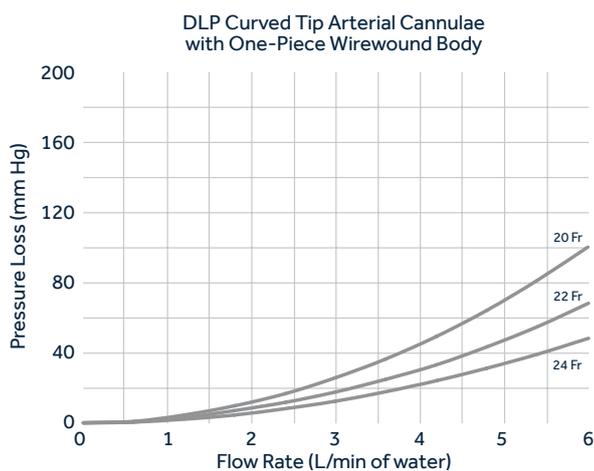
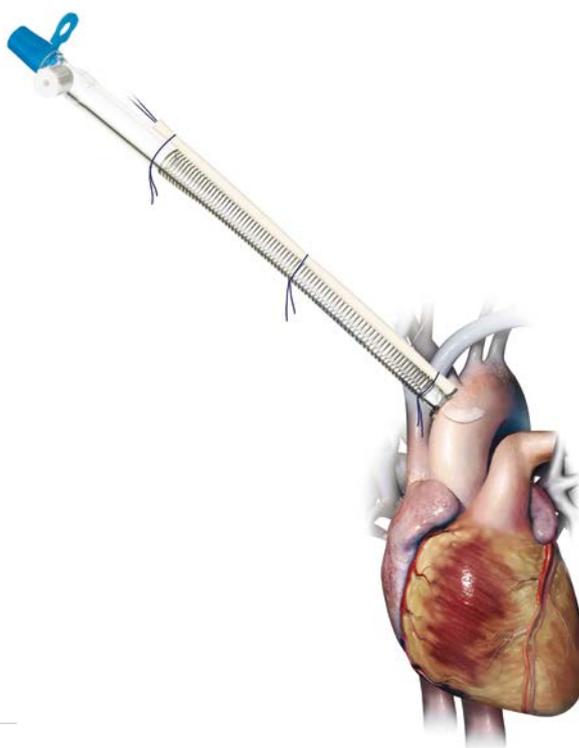
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 87220 | 20 Fr (6.7 mm) |
| 87222 | 22 Fr (7.3 mm) |
| 87224 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 87120 | 20 Fr (6.7 mm) |
| 87122 | 22 Fr (7.3 mm) |
| 87124 | 24 Fr (8.0 mm) |

10 per carton



Important Safety Information

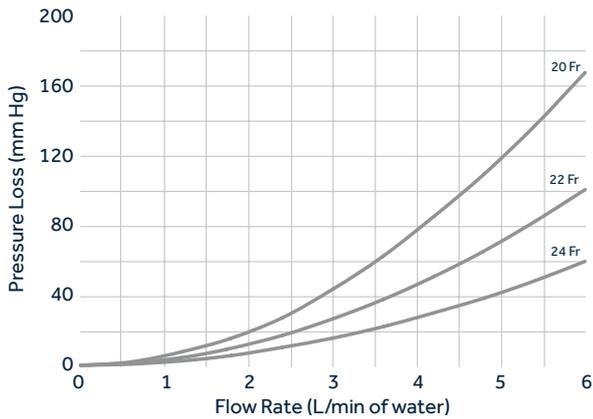
For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Curved Tip Arterial Cannulae with Wirewound Body

These cannulae feature an overall longer length, beveled curved tips, and wirewound bodies with tip orientation line.



DLP Curved Tip Arterial Cannulae
with 13 in Wirewound Body



**13 in (33.0 cm)
overall length**

Curved tip with flange

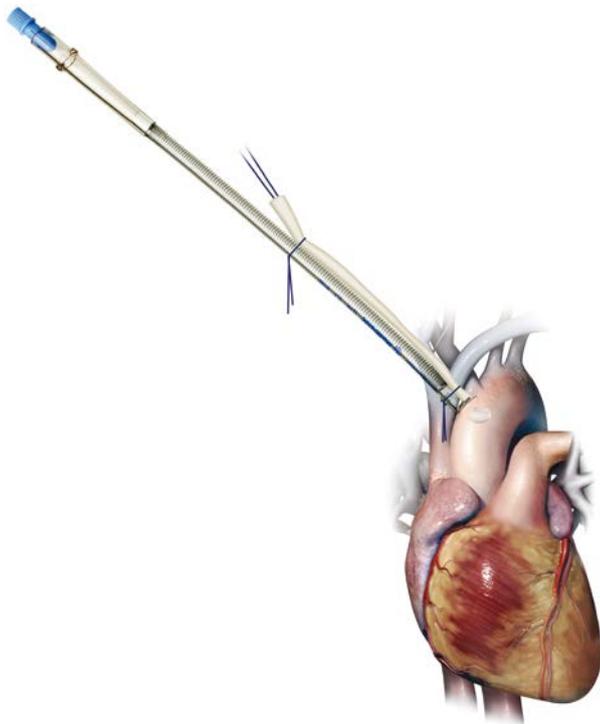
Connection site $\frac{3}{8}$ in (0.95 cm)

| | |
|-------|----------------|
| 87020 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 87022 | 22 Fr (7.3 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 87024 | 24 Fr (8.0 mm) |
|-------|----------------|

10 per carton



**13 in (33.0 cm)
overall length**

Curved tip without flange

Connection site $\frac{3}{8}$ in (0.95 cm)

| | |
|-------|----------------|
| 87920 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 87922 | 22 Fr (7.3 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 87924 | 24 Fr (8.0 mm) |
|-------|----------------|

10 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Curved Tip Arterial Cannulae

These cannulae feature beveled curved tips and tapered bodies with tip orientation line.



7 in (17.8 cm) overall length

Curved tip with flange

Connection site $\frac{3}{8}$ in (0.95 cm)

| | |
|-------|----------------|
| 83020 | 20 Fr (6.7 mm) |
| 83022 | 22 Fr (7.3 mm) |
| 83024 | 24 Fr (8.0 mm) |

20 per carton

7 in (17.8 cm) overall length

Curved tip without flange

Connection site $\frac{3}{8}$ in (0.95 cm)

| | |
|-------|----------------|
| 84020 | 20 Fr (6.7 mm) |
| 84022 | 22 Fr (7.3 mm) |
| 84024 | 24 Fr (8.0 mm) |

20 per carton

8 in (20.3 cm) overall length

Curved tip with flange

Vented $\frac{3}{8}$ in (0.95 cm) connector

| | |
|-------|----------------|
| 88020 | 20 Fr (6.7 mm) |
| 88022 | 22 Fr (7.3 mm) |
| 88024 | 24 Fr (8.0 mm) |

Non-vented $\frac{3}{8}$ in (0.95 cm) connector

| | |
|-------|----------------|
| 88120 | 20 Fr (6.7 mm) |
| 88122 | 22 Fr (7.3 mm) |
| 88124 | 24 Fr (8.0 mm) |

20 per carton

8 in (20.3 cm) overall length

Curved tip without flange

Vented $\frac{3}{8}$ in (0.95 cm) connector

| | |
|-------|----------------|
| 89020 | 20 Fr (6.7 mm) |
| 89022 | 22 Fr (7.3 mm) |
| 89024 | 24 Fr (8.0 mm) |

Non-vented $\frac{3}{8}$ in (0.95 cm) connector

| | |
|-------|----------------|
| 89120 | 20 Fr (6.7 mm) |
| 89122 | 22 Fr (7.3 mm) |
| 89124 | 24 Fr (8.0 mm) |

20 per carton

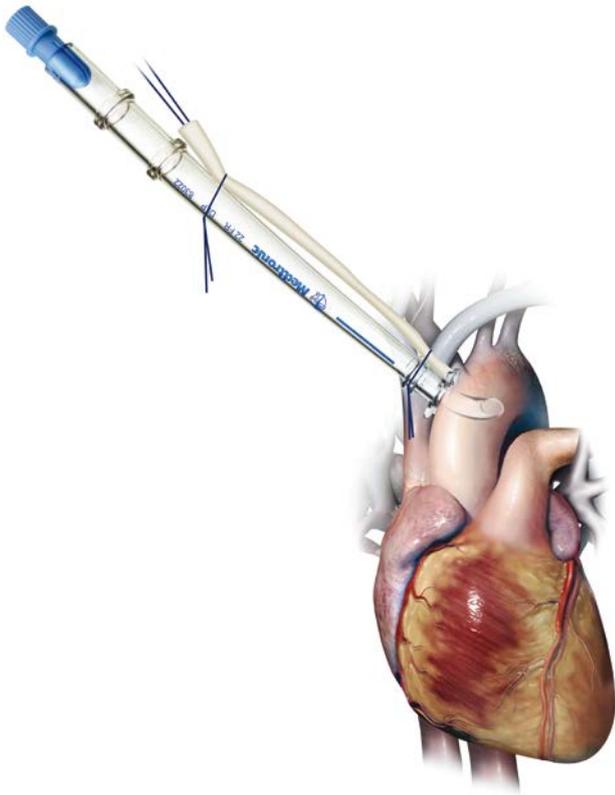
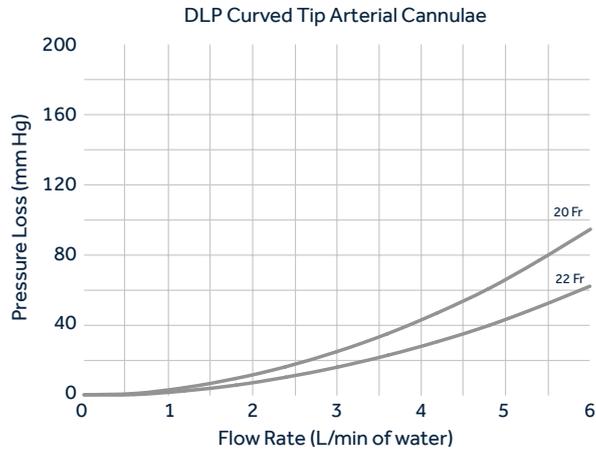
Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Curved Tip Arterial Cannulae

These cannulae feature beveled curved tips and tapered bodies with tip orientation line.



10 in (25.4 cm) overall length

Curved tip with flange and soft body

Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 81020 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 81022 | 22 Fr (7.3 mm) |
|-------|----------------|

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 81120 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 81122 | 22 Fr (7.3 mm) |
|-------|----------------|

20 per carton

10 in (25.4 cm) overall length

Curved tip without flange and soft body

Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 82020 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 82022 | 22 Fr (7.3 mm) |
|-------|----------------|

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 82120 | 20 Fr (6.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 82122 | 22 Fr (7.3 mm) |
|-------|----------------|

20 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures

DLP™ Metal Tip Arterial Cannulae

These cannulae feature beveled metal tips and tapered bodies with tip orientation line. A choice of either standard or soft flange is available.



10.5 in (26.7 cm) overall length

Soft flange

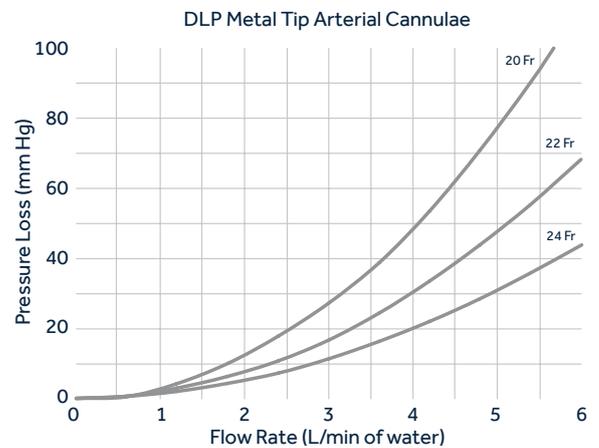
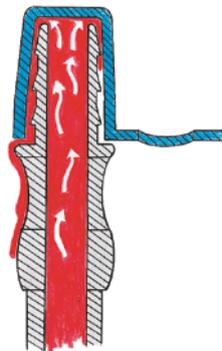
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 80020 | 20 Fr (6.7 mm) |
| 80022 | 22 Fr (7.3 mm) |
| 80024 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 80120 | 20 Fr (6.7 mm) |
| 80122 | 22 Fr (7.3 mm) |
| 80124 | 24 Fr (8.0 mm) |

20 per carton



10.5 in (26.7 cm) overall length

Rigid flange

Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 80220 | 20 Fr (6.7 mm) |
| 80222 | 22 Fr (7.3 mm) |
| 80224 | 24 Fr (8.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 80320 | 20 Fr (6.7 mm) |
| 80322 | 22 Fr (7.3 mm) |
| 80324 | 24 Fr (8.0 mm) |

20 per carton

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

FIND YOUR IDEAL **FEMORAL CANNULAE**

Femoral cannulae provide greater versatility of cannulation techniques to meet the needs of the changing patient population and the desire for smaller thoracic incisions. Designed to be placed in the femoral vein and/or artery, Medtronic femoral cannulae are ideally suited for both percutaneous and direct insertion. The unique, flat wirewound, thin-wall construction of the Bio-Medicus Cannulae maximizes flow rates and cannula flexibility. Our various sizes in this product ensure the availability of a cannula to meet your specific needs.



FEMORAL CANNULAE

| | |
|--|----|
| Bio-Medicus™ NextGen Pediatric Arterial and Venous | 21 |
| Bio-Medicus™ NextGen Arterial or Jugular Venous | 22 |
| Bio-Medicus™ NextGen Venous | 23 |
| Bio-Medicus™ NextGen Cannula Kits | 24 |
| Bio-Medicus™ NextGen Insertion Kits | 25 |
| Bio-Medicus™ Multi-Stage Venous with Insertion Kit | 26 |
| DLP™ Cannulae and Insertion Kits | 27 |
| DLP™ Venous | 28 |
| DLP™ Arterial | 29 |

Bio-Medicus™ NextGen Pediatric Arterial and Venous Cannulae

These upgraded pediatric cannulae offer a flexible, kink-resistant, thin-wall design that promotes maximum flow rates. A re-engineered tip design eases insertion and provides a reinforced non-step transition zone along with smoother side ports. Both venous and arterial models are packaged with a tapered solid core and a percutaneous-style (0.025 mm dia) non-phthalate PVC introducer — allowing for either a traditional or percutaneous insertion. Each cannula includes a repositionable radiopaque suture ring, an improved friction-fit cap, and a retention clip that aids in tubing management. These products are manufactured without DEHP.

Arterial 9 in (22.9 cm) overall length

Non-vented ¼ in (0.64 cm) connector

| | | Tip |
|-----------|----------------|---------|
| 96820-108 | 8 Fr (2.7 mm) | 10.0 cm |
| 96820-110 | 10 Fr (3.3 mm) | 10.5 cm |
| 96820-112 | 12 Fr (4.0 mm) | 11.0 cm |
| 96820-114 | 14 Fr (4.7 mm) | 11.5 cm |

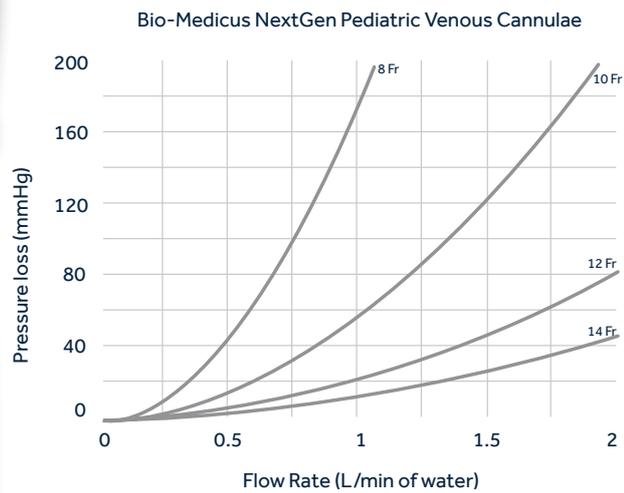
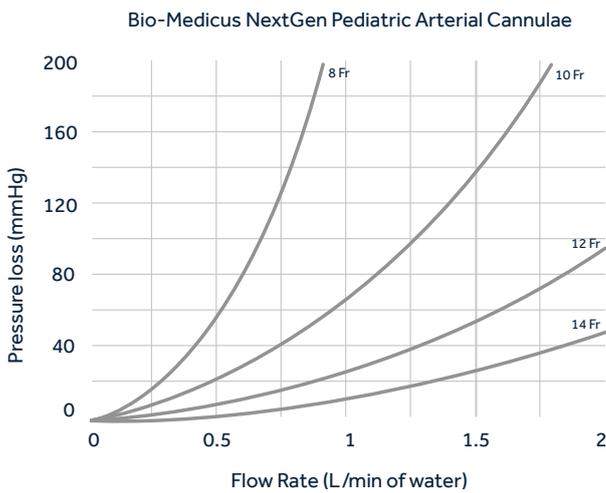
1 per carton

Venous 9 in (22.9 cm) overall length

Non-vented ¼ in (0.64 cm) connector

| | | Tip |
|-----------|----------------|---------|
| 96830-108 | 8 Fr (2.7 mm) | 10.0 cm |
| 96830-110 | 10 Fr (3.3 mm) | 10.5 cm |
| 96830-112 | 12 Fr (4.0 mm) | 11.0 cm |
| 96830-114 | 14 Fr (4.7 mm) | 11.5 cm |

1 per carton



Bio-Medicus Pediatric Cannulae



Retention Clip



See page 25 for insertion kit.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Cannulae

These enhanced adult cannulae offer a flexible, kink-resistant, thin-wall design that promotes maximum flow rates. A re-engineered tip design eases insertion and features a one-piece non-phthalate PVC introducer, a reinforced non-step transition zone and smoother side ports. A silicone friction-fit cap and introducer provide improved function as well. The percutaneous-style introducer is now standard on all sizes — along with a repositionable radiopaque suture ring. A shortened clamp site eases tubing management and is equipped with a 3/8 inch standard connection site.

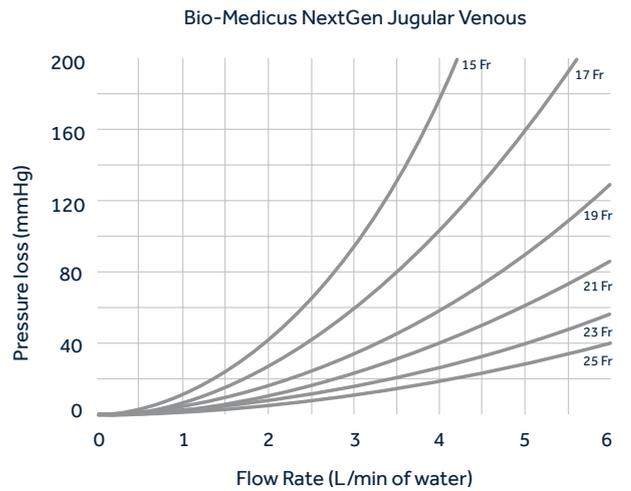
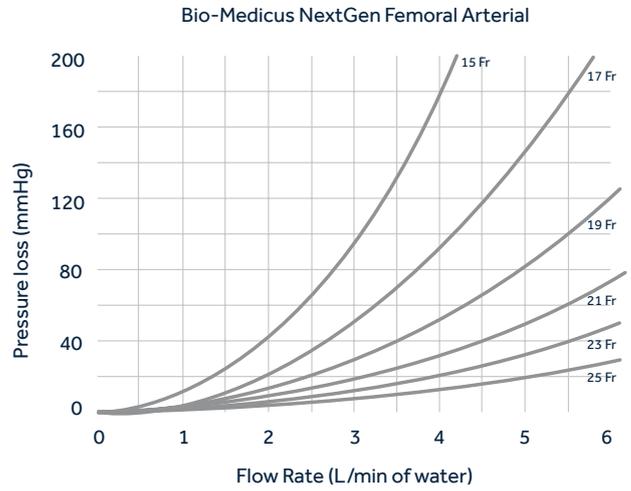


12.5 in (31.8 cm) overall length
7.09 in (18.0 cm) tip

Vented 3/8 in (0.95 cm) connector

| | |
|-----------|----------------|
| 96570-115 | 15 Fr (5.0 mm) |
| 96570-117 | 17 Fr (5.7 mm) |
| 96570-119 | 19 Fr (6.3 mm) |
| 96570-121 | 21 Fr (7.0 mm) |
| 96570-123 | 23 Fr (7.7 mm) |
| 96570-125 | 25 Fr (8.3 mm) |

1 per carton



Bio-Medicus Adult Cannulae



See page 25 for insertion kit.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

Bio-Medicus™ NextGen Femoral Venous Cannulae

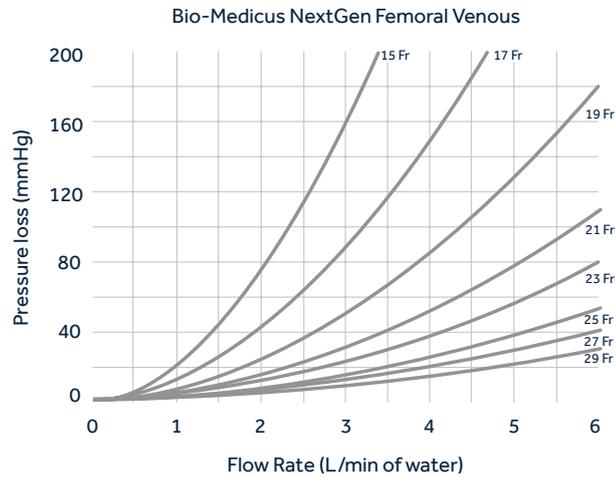
These enhanced adult cannulae feature a flexible, kink-resistant, thin-wall design that promotes maximum flow rates. An updated tip design offers an elongated taper, a one-piece non-phthalate PVC introducer, a reinforced non-step transition zone, and smoother side ports. All of these enhancements add up to an easier insertion. Additional side ports accommodate positioning across the right atrium to allow bi-caval drainage at the SVC and hepatic veins. A silicone friction fit cap and introducer provide improved function as well. Each model is standard with a percutaneous-style introducer, a repositionable radiopaque suture ring, and a 3/8 inch connection site. Larger French sizes are packaged with a 3/8 to 1/2 inch tubing adapter.



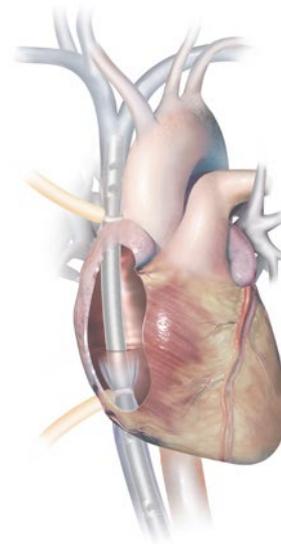
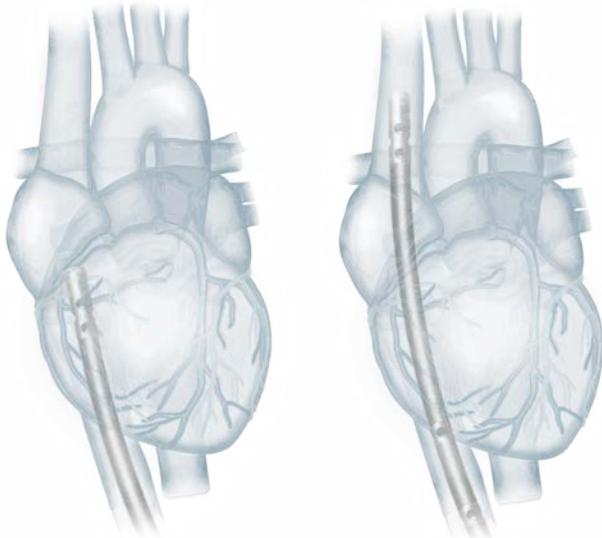
Non-vented 3/8 in (0.95 cm) connector

| | | Overall | Tip |
|------------|----------------|---------|---------|
| 96670-115 | 15 Fr (5.0 mm) | 64.8 cm | 48.9 cm |
| 96670-117 | 17 Fr (5.7 mm) | 64.8 cm | 48.9 cm |
| 96670-119 | 19 Fr (6.3 mm) | 69.9 cm | 54.0 cm |
| 96670-121 | 21 Fr (7.0 mm) | 69.9 cm | 54.0 cm |
| 96670-123* | 23 Fr (7.7 mm) | 76.2 cm | 60.0 cm |
| 96670-125* | 25 Fr (8.3 mm) | 76.2 cm | 60.0 cm |
| 96670-127* | 27 Fr (9.0 mm) | 76.2 cm | 60.0 cm |
| 96670-129* | 29 Fr (9.7 mm) | 76.2 cm | 60.0 cm |

1 per carton



* 1/2 in (1.27 cm) to 3/8 in (0.95 cm) tubing adapter included with venous models 23 Fr thru 29 Fr only.



Offers bi-caval capability with optimized basket placement. Bio-Medicus NextGen Cannulae are designed to enable right atrium occlusion.

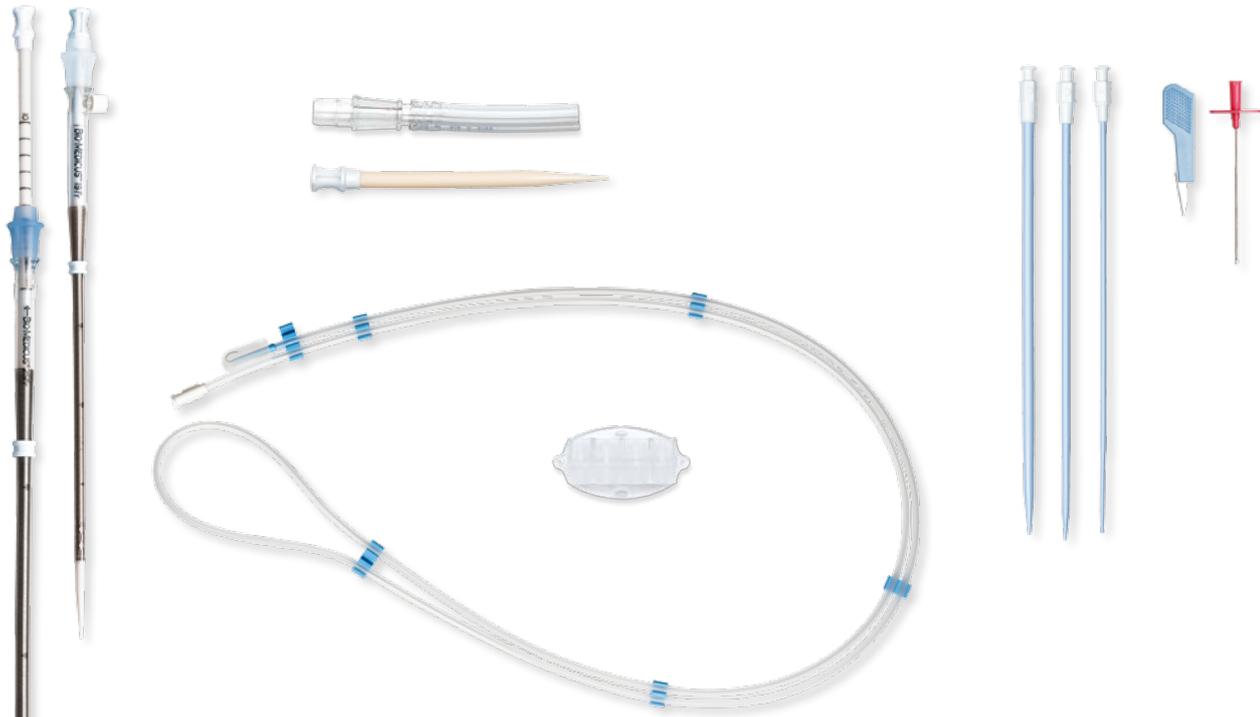
See page 25 for insertion kit.

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Bio-Medicus™ NextGen Cannula Kits

These adult cannula kits are now available for all sizes. A non-corrugated carton design makes this kit a convenient shelf-ready choice. Order a kit complete with everything you need or find individual cannula options on pages 22-23.



Package contents

1 each:

- Arterial/Jugular or Venous Cannula with introducer, hemostasis cap, adjustable radiopaque suture ring
- 0.038 in (0.965 mm) diameter guidewire; 180 cm (70.87 in) length included in venous models
- 0.038 in (0.965 mm) diameter guidewire; 100 cm (39.37 in) length included in arterial/jugular models
- *1/2 in (1.27 cm) to 3/8 in (0.95 cm) tubing adapter included with venous models 23 Fr, 25 Fr, 27 Fr, 29 Fr only

1 each:

- Stepped vessel dilator, 8 Fr/10 Fr, 12 Fr/14 Fr, 16 Fr/18 Fr, plus (1) additional dilator (included only with 21 Fr, 23 Fr, 25 Fr, 27 Fr, 29 Fr models)
- #11 scalpel blade, Seldinger needle, 18 ga (1.02 mm)
- Cannula/tubing retention clip

2 sterile pouches

Venous

| | |
|------------|----------------|
| 96600-115 | 15 Fr (5.0 mm) |
| 96600-117 | 17 Fr (5.7 mm) |
| 96600-119 | 19 Fr (6.3 mm) |
| 96600-121 | 21 Fr (7.0 mm) |
| 96600-123* | 23 Fr (7.7 mm) |
| 96600-125* | 25 Fr (8.3 mm) |
| 96600-127* | 27 Fr (9.0 mm) |
| 96600-129* | 29 Fr (9.7 mm) |

1 kit per carton

Arterial/Jugular

| | |
|------------|----------------|
| 96530-115 | 15 Fr (5.0 mm) |
| 96530-117 | 17 Fr (5.7 mm) |
| 96530-119 | 19 Fr (6.3 mm) |
| 96530-121 | 21 Fr (7.0 mm) |
| 96530-123* | 23 Fr (7.7 mm) |
| 96530-125* | 25 Fr (8.3 mm) |

1 kit per carton

Flow performance graphs available on pages 22-23.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

Bio-Medicus™ NextGen Insertion Kits

These adult and pediatric insertion kits provide components for peripheral cannulation via seldinger technique. Designed for percutaneous or direct visualization insertion, these kits provide the following insertion components as listed below.



Venous

96551

- 0.038 in (0.965 mm) diameter; 180 cm (70.87 in) guidewire
- #11 scalpel blade
- 10 cc syringe
- Stepped vessel dilator, 8 Fr/10 Fr, 12 Fr/14 Fr, and 16 Fr/18 Fr
- Seldinger needle, 18 ga (1.02 mm)

5 kits per carton



Arterial/Jugular

96552

- 0.038 in (0.965 mm) diameter; 100 cm (39.37 in) guidewire
- #11 scalpel blade
- 10 cc syringe
- Stepped vessel dilator, 8 Fr/10 Fr, 12 Fr/14 Fr, and 16 Fr/18 Fr
- Seldinger needle, 18 ga (1.02 mm)

5 kits per carton



Pediatric Arterial/Venous

96553

- 0.025 in (0.535 mm) diameter; 60 cm (23.62 in) guidewire
- #11 scalpel blade
- 10 cc syringe
- Stepped vessel dilator, 8 Fr/10 Fr, 12 Fr/ 14 Fr
- Seldinger needle, 18 ga (1.02 mm)

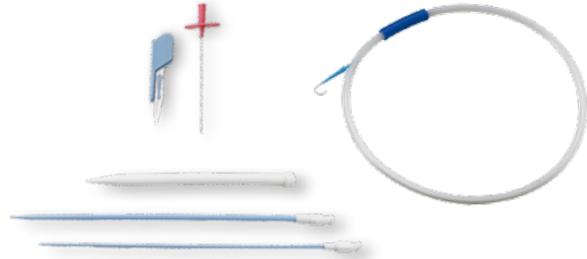
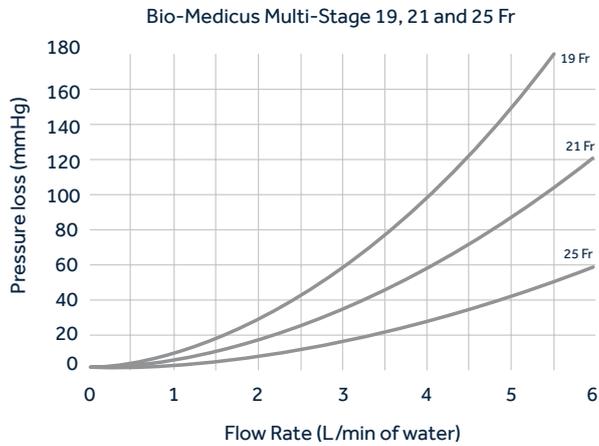
5 kits per carton

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit

These adult cannulae feature one-piece, kink-resistant, wirewound bodies with multiple side ports, an introducer with depth markings, and tip taper location indicator. Insertion kit components are listed below.



Package contents

- Multi-Stage Venous Cannula with introducer and hemostasis cap (19 Fr, 21 Fr, 25 Fr)
- 0.038 in (0.97 mm) diameter guidewire; 180 cm (70.87 in length)
- Stepped vessel dilator, 8 Fr/10 Fr, 12 Fr/14 Fr, plus (1) additional dilator in size of cannula ordered
- #11 scalpel blade, Seldinger needle, 18 ga (1.02 mm)

1 kit per carton

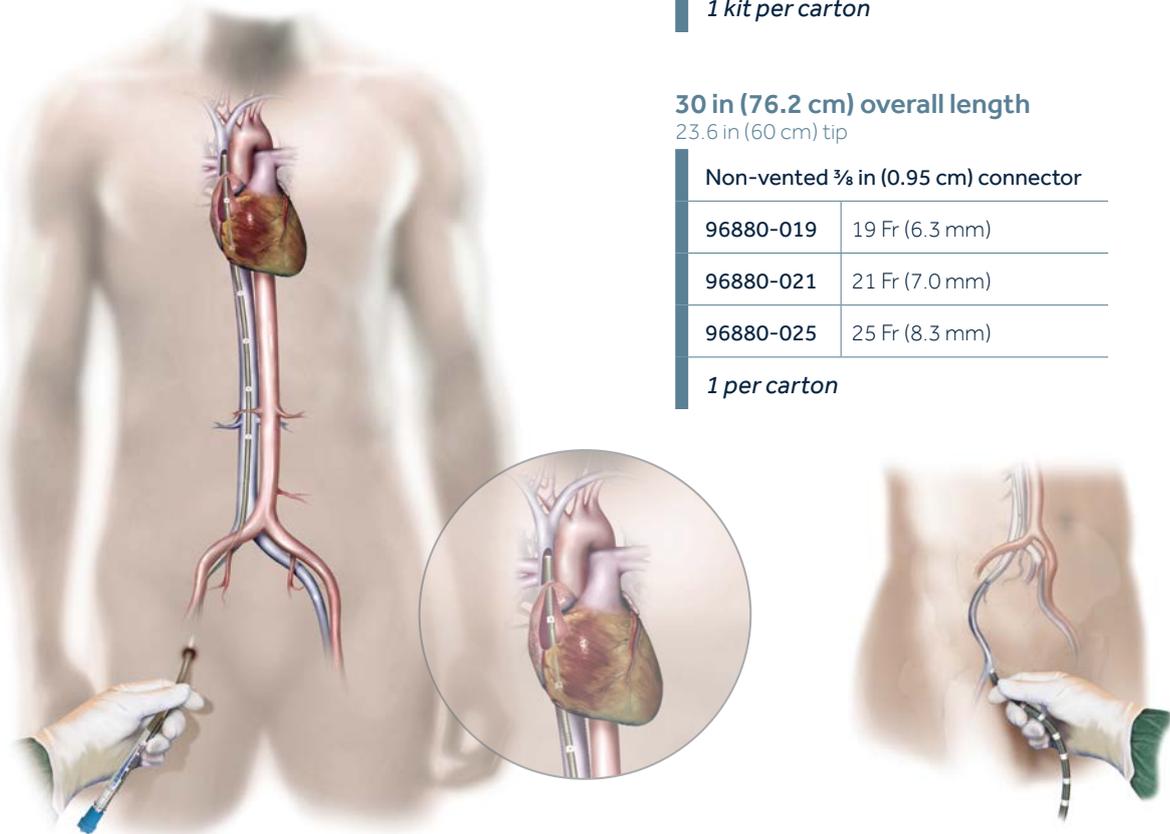
30 in (76.2 cm) overall length

23.6 in (60 cm) tip

Non-vented $\frac{3}{8}$ in (0.95 cm) connector

| | |
|-----------|----------------|
| 96880-019 | 19 Fr (6.3 mm) |
| 96880-021 | 21 Fr (7.0 mm) |
| 96880-025 | 25 Fr (8.3 mm) |

1 per carton



Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Femoral Cannulae and Insertion Kits

For percutaneous or direct visualization insertion, these kits contain one femoral arterial and one femoral venous cannula, and come with the insertion components below.

Kit information

| | |
|--------|---|
| 2 each | 18 ga Seldinger style needles |
| 2 each | 8 Fr (2.7 mm) dilators |
| 2 each | 12 Fr (4.0 mm) dilators |
| 2 each | 0.038 in (0.1 cm) x 150 cm guidewires |
| 1 each | 3/8 in (0.95 cm) arterial line adapter tube |
| 1 each | #11 scalpel blade |



Arterial models are 7 in (17.8 cm) overall length
Venous models are 21 in (53.3 cm) overall length

| | |
|-------|--|
| 96014 | 14 Fr (4.7 mm) arterial (57414) vented 3/8 in (0.95 cm) connector 17 Fr (5.7 mm) venous (58517) non-vented 3/8 in (0.95 cm) connector |
| 96017 | 17 Fr (5.7 mm) arterial (57417) vented 3/8 in (0.95 cm) connector 21 Fr (7.0 mm) venous (58521) non-vented 3/8 in (0.95 cm) connector |
| 96021 | 21 Fr (7.0 mm) arterial (57421) vented 3/8 in (0.95 cm) connector 21 Fr (7.0 mm) venous (58521) non-vented 3/8 in (0.95 cm) connector |

1 kit per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Femoral Venous Cannulae

These cannulae feature multiple side holes, depth markings and tapered tip introducer.



21 in (53.3 cm) overall length

Non-vented $\frac{3}{8}$ in (0.95 cm) connector

| | |
|-------|----------------|
| 58517 | 17 Fr (5.7 mm) |
|-------|----------------|

| | |
|-------|----------------|
| 58521 | 21 Fr (7.0 mm) |
|-------|----------------|

4 per carton

25.5 in (64.8 cm) overall length

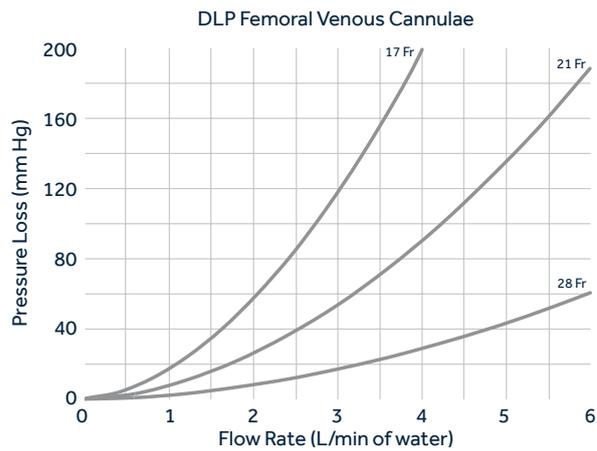
Connection site $\frac{3}{8}$ in (0.95 cm) and 0.038 in (0.1 cm) x 180 cm guidewire

| | |
|-------|----------------|
| 96328 | 28 Fr (9.3 mm) |
|-------|----------------|

Non-vented $\frac{3}{8}$ in (.95 cm) connector and 0.038 in (0.1 cm) x 180 cm guidewire

| | |
|-------|----------------|
| 96428 | 28 Fr (9.3 mm) |
|-------|----------------|

4 per carton



96328

58521

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Femoral Arterial Cannulae

These cannulae feature multiple side holes, depth markings and tapered tip introducer for placement over a 0.038 in (0.1 cm) guidewire (**not included**).

7 in (17.8 cm) overall length

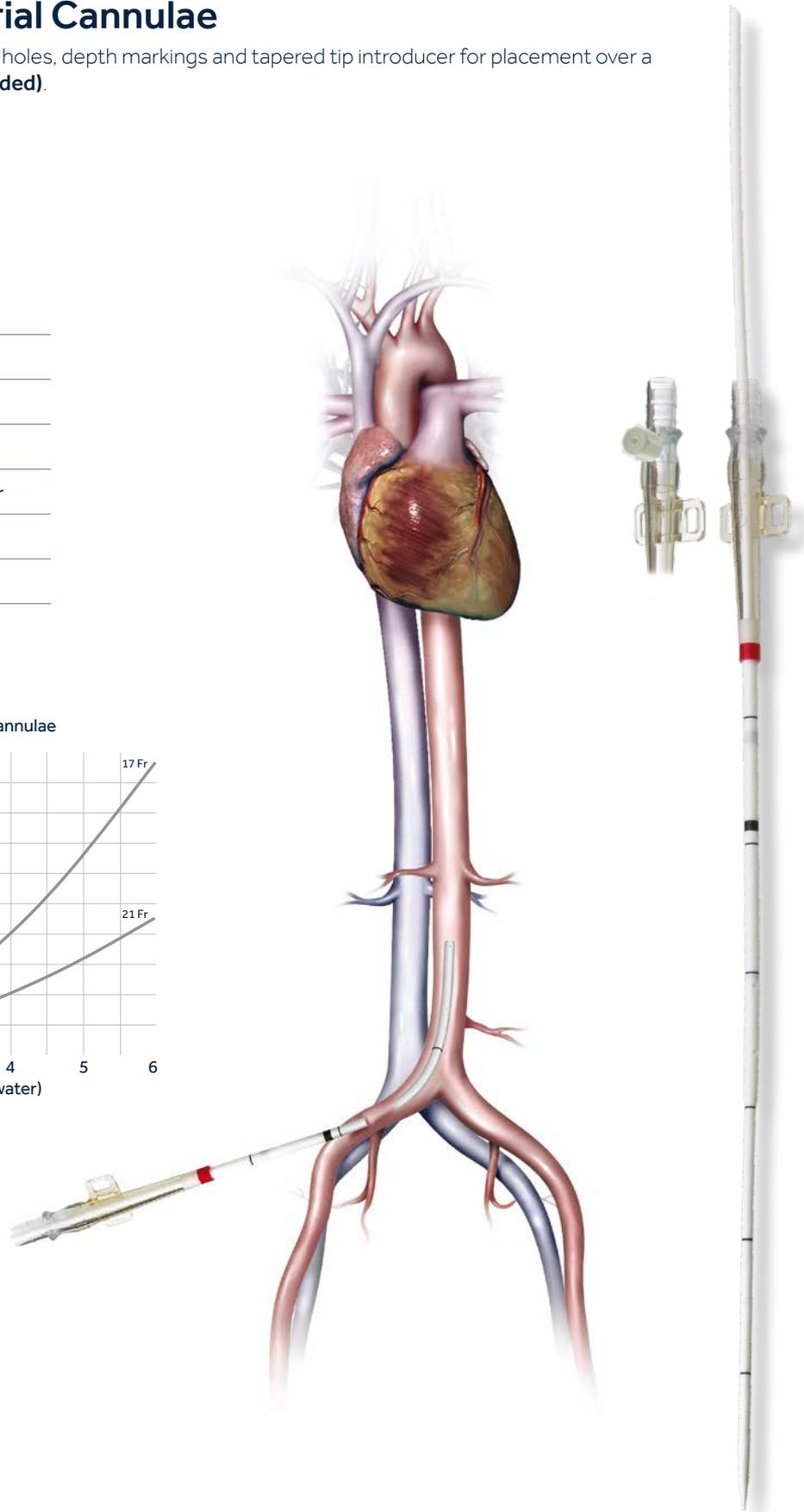
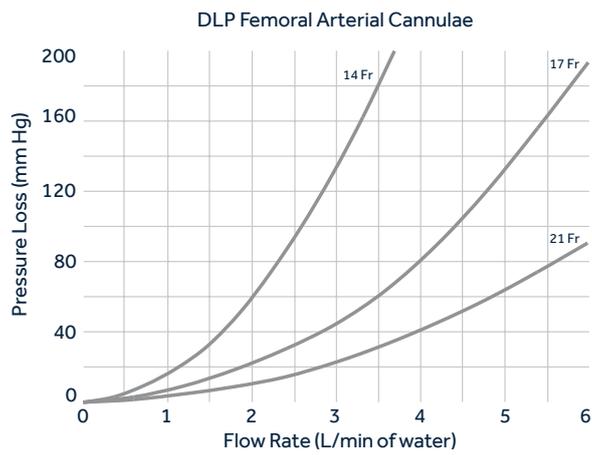
Vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 57414 | 14 Fr (4.7 mm) |
| 57417 | 17 Fr (5.7 mm) |
| 57421 | 21 Fr (7.0 mm) |

Non-vented 3/8 in (0.95 cm) connector

| | |
|-------|----------------|
| 57517 | 17 Fr (5.7 mm) |
| 57521 | 21 Fr (7.0 mm) |

4 per carton



Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

FIND YOUR IDEAL **VENOUS CANNULAE**

Venous cannulae are designed to provide optimal venous drainage while providing flexibility and ease of use. We offer a variety of single stage venous cannulae with kink-resistant wirewound bodies in sizes from 12 Fr to 40 Fr. These cannulae are offered in both straight and right angle with multi-port tips and the option for a thin-wall metal tip design. Our product breadth ensures the availability of a cannula to meet your specific needs.



VENOUS CANNULAE

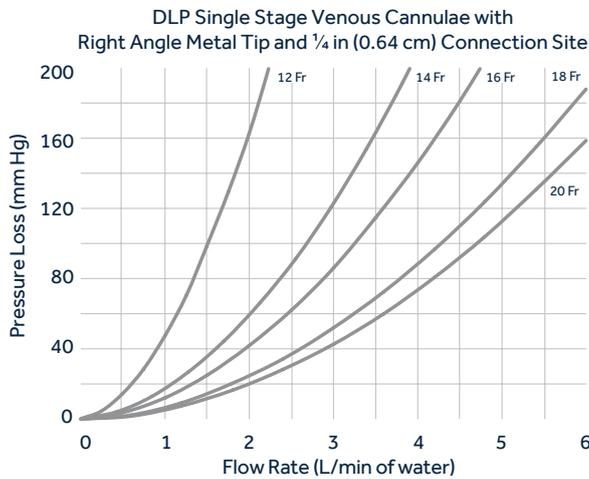
| | |
|---|----|
| DLP™ Single Stage with Right Angle Metal Tip | 33 |
| DLP™ Single Stage | 34 |
| DLP™ Right Angle Single Stage | 35 |
| DLP™ Malleable Single Stage | 36 |
| DLP™ Silicone Single Stage with Inflatable Cuff | 37 |
| VC2™ Atrial Caval | 38 |
| MC2™ Two Stage | 39 |
| MC2X™ Three Stage | 40 |

DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip

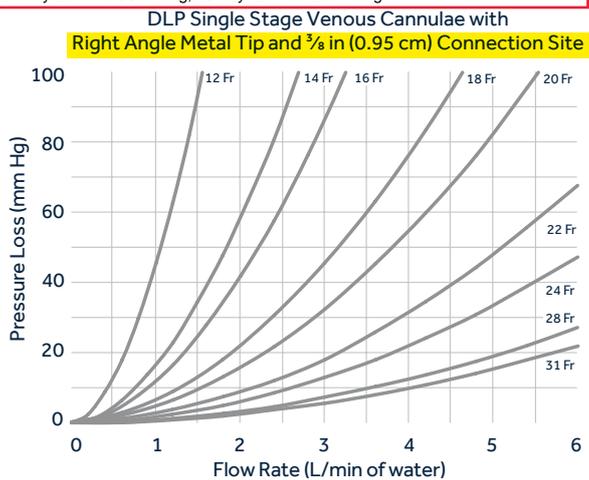
These pediatric and adult cannulae feature beveled metal, multi-port tips, and kink-resistant wirewound bodies with a tip orientation line. This construction allows for high flow rates with minimal pressure differential.

2 pirkimo dalis.

2.1. Vienos pakopos, lanksti, užsilenkimui atspari veninė kaniulė, viela sutvirtintomis sienelėmis ir nuožulniai nupjautu 90o kampų sulenktu metaliniu antgaliu bei daugybinėmis skylutėmis antgalio šonuose. Kaniulė pažymėta užlenkimo krypties linija.



Slėgio kritimas, esant 5 l/min tėkmei: 20F dydžiui - iki 85 mmHg, 22F dydžiui - iki 50 mmHg, 24F dydžiui - iki 35 mmHg, 28F dydžiui - iki 20 mmHg.



14 in (35.6 cm) overall length

Connection site 1/4 in (0.64 cm)

| | |
|-------|----------------|
| 67312 | 12 Fr (4.0 mm) |
| 67314 | 14 Fr (4.7 mm) |
| 67316 | 16 Fr (5.3 mm) |
| 67318 | 18 Fr (6.0 mm) |
| 67320 | 20 Fr (6.7 mm) |

Connection site 3/8 in (0.95 cm)

| | |
|-------|-----------------|
| 69312 | 12 Fr (4.0 mm) |
| 69314 | 14 Fr (4.7 mm) |
| 69316 | 16 Fr (5.3 mm) |
| 69318 | 18 Fr (6.0 mm) |
| 69320 | 20 Fr (6.7 mm) |
| 69322 | 22 Fr (7.3 mm) |
| 69324 | 24 Fr (8.0 mm) |
| 69328 | 28 Fr (9.3 mm) |
| 69331 | 31 Fr (10.3 mm) |

14 in (35.6 cm) overall length

Extended tip

Connection site 3/8 in (0.95 cm)

| | |
|-------|-----------------|
| 69424 | 24 Fr (8.0 mm) |
| 69428 | 28 Fr (9.3 mm) |
| 69431 | 31 Fr (10.3 mm) |

10 per carton

10 per carton

Jungties dydis 3/8". Kaniulių dydžiai turi būti: 28F, 31F.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation for other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Single Stage Venous Cannulae

These pediatric and adult cannulae feature tapered, multi-port tips, and one-piece, kink-resistant, wirewound bodies with depth markings.



12-15 in (30.5 - 38.1 cm) overall length

Connection site ¼ in (0.64 cm)

66112 12 Fr (4.0 mm)

66114 14 Fr (4.7 mm)

66116 16 Fr (5.3 mm)

Connection site ¼ in - ⅜ in
(0.64 - 0.95 cm)

66118 18 Fr (6.0 mm)

66120 20 Fr (6.7 mm)

66122 22 Fr (7.3 mm)

66124 24 Fr (8.0 mm)

Connection site ⅜ in (0.95 cm)

66126 26 Fr (8.7 mm)

66128 28 Fr (9.3 mm)

66130 30 Fr (10.0 mm)

66132 32 Fr (10.7 mm)

66134 34 Fr (11.3 mm)

66236 36 Fr (12.0 mm)

66238 38 Fr (12.7 mm)

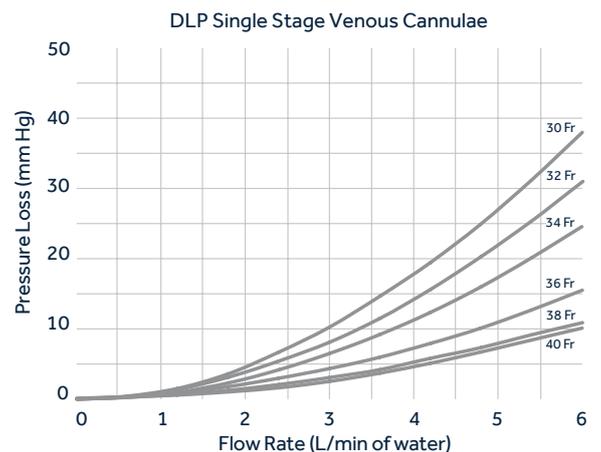
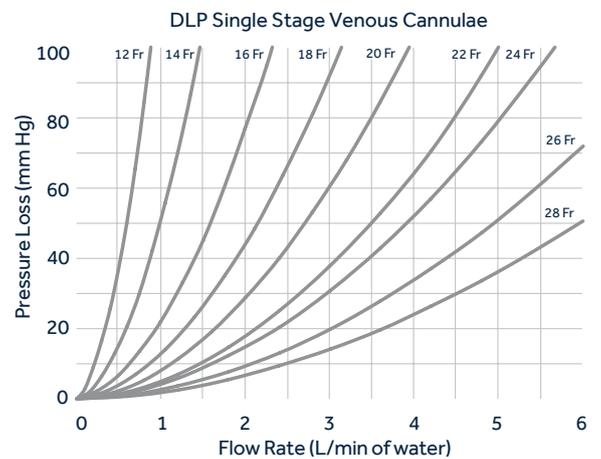
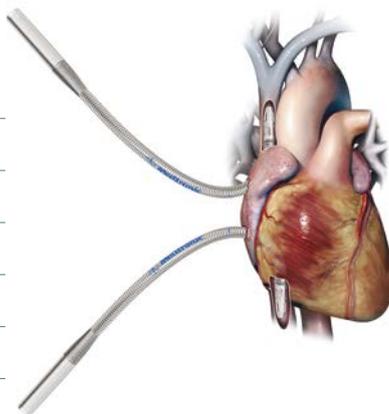
66240 40 Fr (13.3 mm)

Connection site ½ in (1.27 cm)

66136 36 Fr (12.0 mm)

68140 40 Fr (13.3 mm)

10 per carton



Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Right Angle Single Stage Venous Cannulae

These pediatric and adult cannulae feature tapered, multi-port tips, and one-piece, kink-resistant, wirewound bodies with depth markings.



12-15 in (30.5 - 38.1 cm) overall length

Connection site ¼ in (0.64 cm)

| | |
|-------|----------------|
| 67512 | 12 Fr (4.0 mm) |
| 67514 | 14 Fr (4.7 mm) |
| 67516 | 16 Fr (5.3 mm) |

Connection site ¼ in - ⅜ in (0.64 - 0.95 cm)

| | |
|-------|----------------|
| 67518 | 18 Fr (6.0 mm) |
| 67520 | 20 Fr (6.7 mm) |
| 67522 | 22 Fr (7.3 mm) |
| 67524 | 24 Fr (8.0 mm) |

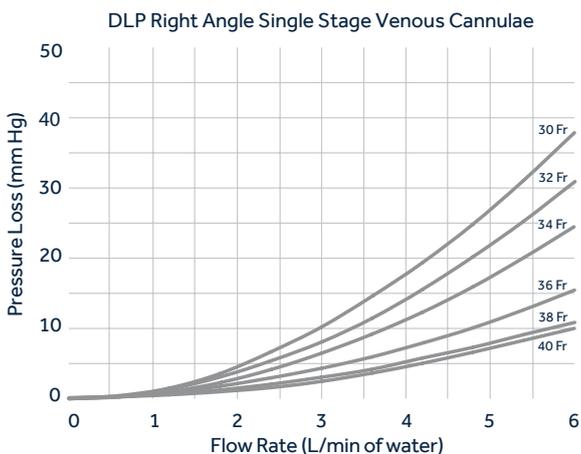
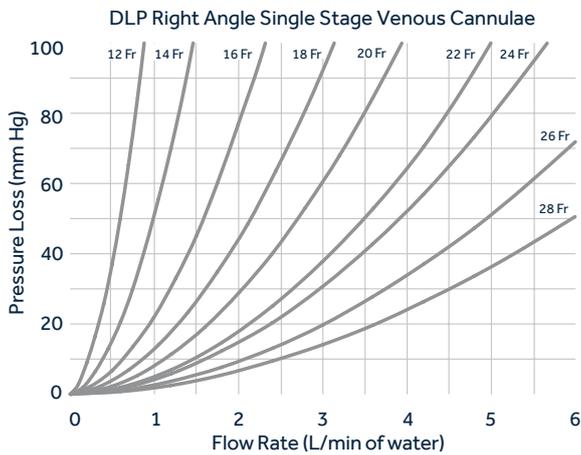
Connection site ⅜ in (0.95 cm)

| | |
|-------|-----------------|
| 67526 | 26 Fr (8.7 mm) |
| 67528 | 28 Fr (9.3 mm) |
| 67530 | 30 Fr (10.0 mm) |
| 67532 | 32 Fr (10.7 mm) |
| 67534 | 34 Fr (11.3 mm) |
| 67636 | 36 Fr (12.0 mm) |
| 67638 | 38 Fr (12.7 mm) |
| 67640 | 40 Fr (13.3 mm) |

Connection site ½ in (1.27 cm)

| | |
|-------|-----------------|
| 67536 | 36 Fr (12.0 mm) |
| 67540 | 40 Fr (13.3 mm) |

10 per carton

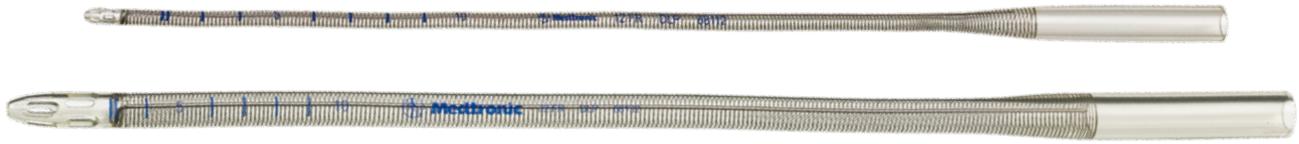


Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Malleable Single Stage Venous Cannulae

These pediatric and adult cannulae feature multi-port tips, and malleable, one-piece, kink-resistant, wirewound bodies with depth markings. This construction allows the surgeon to shape the cannulae. An integrated malleable wire outside the wirewinding optimizes the inner diameter (I.D.) for maximum flow performance.



12-15 in (30.5 - 38.1 cm) overall length

Connection site ¼ in (0.64 cm)

| | |
|-------|----------------|
| 68112 | 12 Fr (4.0 mm) |
| 68114 | 14 Fr (4.7 mm) |
| 68116 | 16 Fr (5.3 mm) |

Connection site ¼ in - ⅜ in (0.64 - 0.95 cm)

| | |
|-------|----------------|
| 68118 | 18 Fr (6.0 mm) |
| 68120 | 20 Fr (6.7 mm) |
| 68122 | 22 Fr (7.3 mm) |
| 68124 | 24 Fr (8.0 mm) |

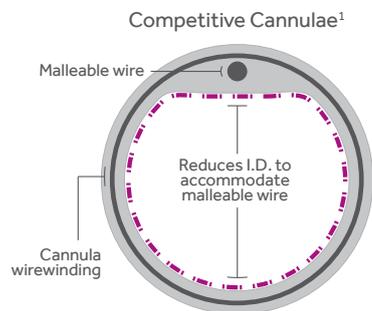
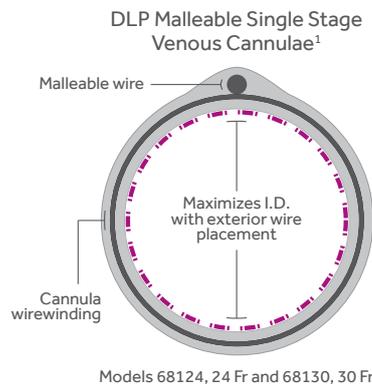
Connection site ⅜ in (0.95 cm)

| | |
|-------|-----------------|
| 68126 | 26 Fr (8.7 mm) |
| 68128 | 28 Fr (9.3 mm) |
| 68130 | 30 Fr (10.0 mm) |
| 68132 | 32 Fr (10.7 mm) |
| 68134 | 34 Fr (11.3 mm) |

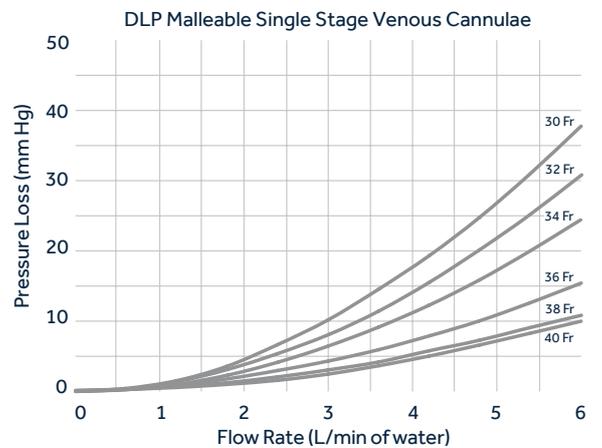
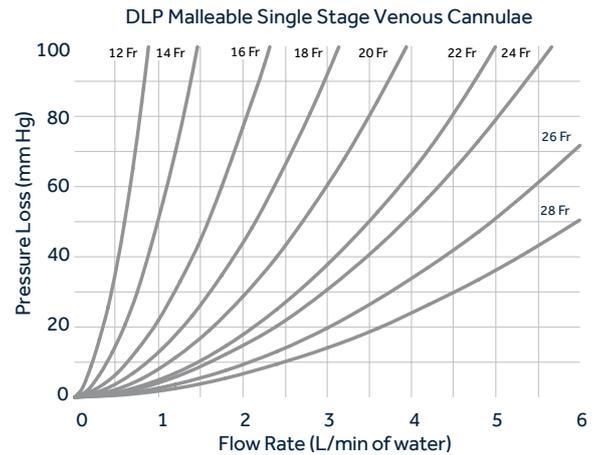
Connection site ½ in (1.27 cm)

| | |
|-------|-----------------|
| 68136 | 36 Fr (12.0 mm) |
| 68138 | 38 Fr (12.7 mm) |
| 68140 | 40 Fr (13.3 mm) |

10 per carton



Edwards™ Malleable Single Stage Venous Cannula, Model TFM024L, 24 Fr
1. 2013 Medtronic data on file



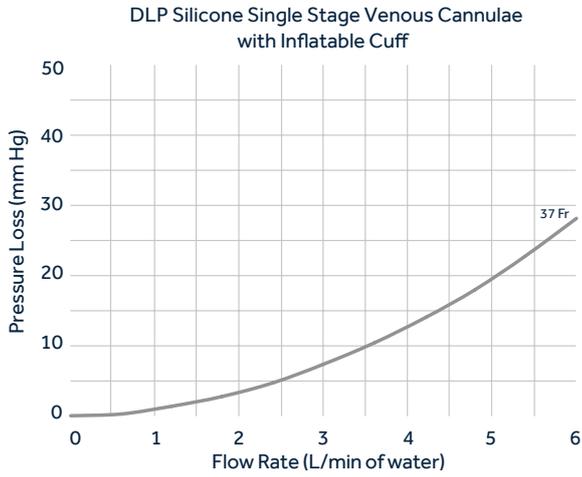
The malleable single stage venous cannulae allow the surgeon to manipulate the cannula shape into virtually any position.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Silicone Single Stage Venous Cannulae with Inflatable Cuff

This cannula features a wirewound body with an inflatable cuff.



15 in (38.1 cm)
overall length

Connection site $\frac{3}{8}$ in (1.27 cm)

91037 | 37 Fr (12.3 mm)

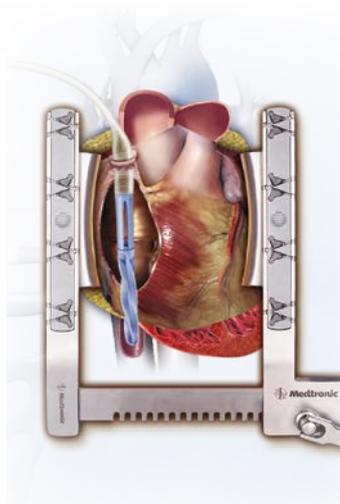
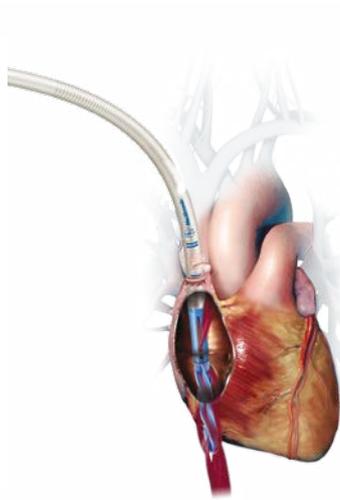
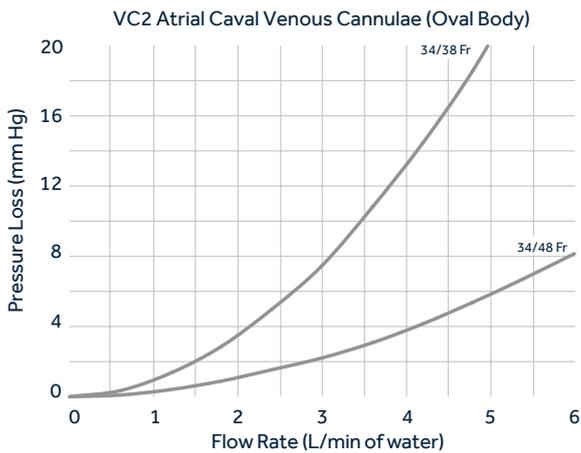
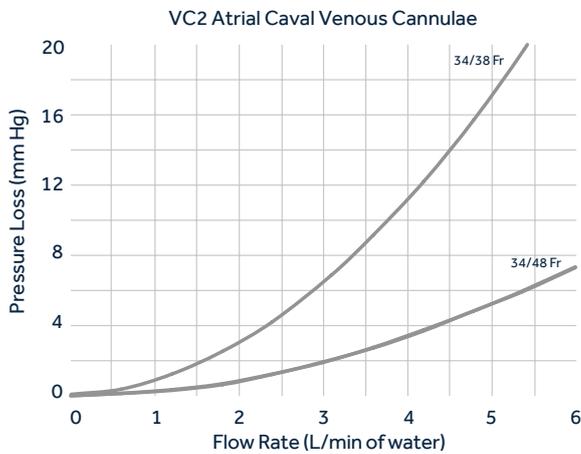
4 per carton

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

VC2™ Atrial Caval Venous Cannulae

These cannulae offer swirl tips with slotted atrial baskets and kink-resistant, wirewound bodies that feature depth markings. The oval body presents a lower profile in the surgical field.



**15 in (38.1 cm)
overall length**

Wirewound body

Connection site $\frac{3}{8}$ in (0.95 cm)

| | |
|-------|-------------------------|
| 93438 | 34/38 Fr (11.3/12.7 mm) |
|-------|-------------------------|

Wirewound body

Connection site $\frac{1}{2}$ in (1.27 cm)

| | |
|-------|-------------------------|
| 93448 | 34/48 Fr (11.3/16.0 mm) |
|-------|-------------------------|

Wirewound body, non-vented

$\frac{1}{2}$ in (1.27 cm) connector

| | |
|--------|-------------------------|
| 93438C | 34/38 Fr (11.3/12.7 mm) |
|--------|-------------------------|

| | |
|--------|-------------------------|
| 93448C | 34/48 Fr (11.3/16.0 mm) |
|--------|-------------------------|

Oval wirewound body

Connection site $\frac{3}{8}$ in (.95 cm)

| | |
|-------|-------------------------|
| 93463 | 34/38 Fr (11.3/12.7 mm) |
|-------|-------------------------|

Oval wirewound body

Connection site $\frac{1}{2}$ in (1.27 cm)

| | |
|-------|-------------------------|
| 93464 | 34/48 Fr (11.3/16.0 mm) |
|-------|-------------------------|

Oval wirewound body, non-vented
 $\frac{1}{2}$ in (1.27 cm) connector

| | |
|--------|-------------------------|
| 93463C | 34/38 Fr (11.3/12.7 mm) |
|--------|-------------------------|

| | |
|--------|-------------------------|
| 93464C | 34/48 Fr (11.3/16.0 mm) |
|--------|-------------------------|

10 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

2 pirkimo dalis.
 2.2. Dviejų pakopų nutekėjimo (prieširdžių ir tuščiųjų venų), lanksti, armuota, žemo profilio (ovali) veninė kaniulė, kūgio formos galiuku su daugybinėmis skylutėmis. Žymos ant kaniulės įvedimo gylį nustatymui.

MC2™ Two Stage Venous Cannulae

These cannulae feature multi-port tips with atrial baskets and kink-resistant, wirewound bodies with depth markings. The oval body presents a lower profile in the surgical field.

kūgio formos galiuku su daugybinėmis skylutėmis.



Žymos ant kaniulės įvedimo gylį nustatymui.

Ilgis 38,1 cm.

15 in (38.1 cm) overall length

| | |
|----------------------------------|-------------------------|
| Connection site 3/8 in (0.95 cm) | |
| 91228 | 28/36 Fr (9.3/12.0 mm) |
| Connection site 1/2 in (1.27 cm) | |
| 91236 | 36/46 Fr (12.0/15.3 mm) |
| 91240 | 32/40 Fr (10.7/13.3 mm) |
| 91246 | 34/46 Fr (11.3/15.3 mm) |
| 91251 | 36/51 Fr (12.0/17.0 mm) |

| | |
|---------------------------------------|-------------------------|
| Non-vented 1/2 in (1.27 cm) connector | |
| 91228C | 28/36 Fr (9.3/12.0 mm) |
| 91236C | 36/46 Fr (12.0/15.3 mm) |
| 91240C | 32/40 Fr (10.7/13.3 mm) |
| 91246C | 34/46 Fr (11.3/15.3 mm) |
| 91251C | 36/51 Fr (12.0/17.0 mm) |

10 per carton

15 in (38.1 cm) overall length

| | |
|---|------------------------|
| Reduced stage body Connection site 1/2 in (1.27 cm) | |
| 91229 | 29/37 Fr (9.7/12.3 mm) |
| Non-vented 1/2 in (1.27 cm) connector | |
| 91229C | 29/37 Fr (9.7/12.3 mm) |

| | |
|---|-----------------------|
| Thin-wall body Connection site 3/8 in (0.95 cm) | |
| 91329 | 29/29 Fr (9.7/9.7 mm) |

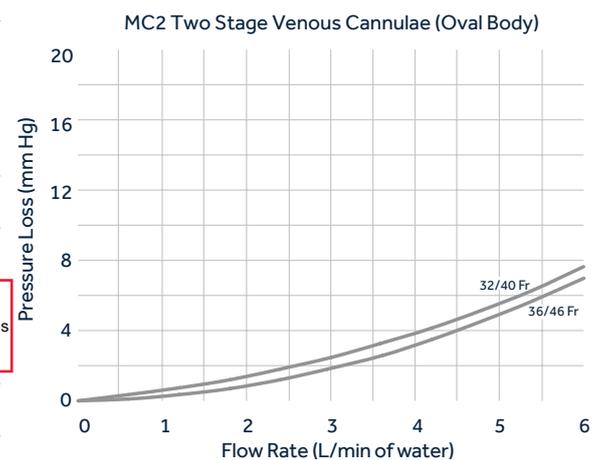
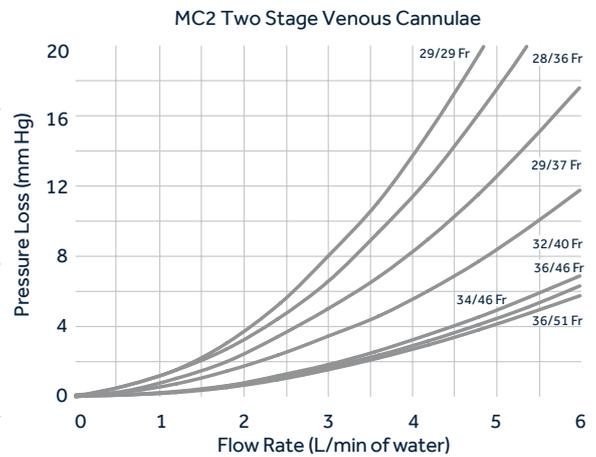
| | |
|---------------------------------------|-----------------------|
| Non-vented 3/8 in (0.95 cm) connector | |
| 91329C | 29/29 Fr (9.7/9.7 mm) |

| | |
|--|-------------------------|
| Oval body Connection site 1/2 in (1.27 cm) | |
| 91263 | 32/40 Fr (10.7/13.3 mm) |
| 91265 | 36/46 Fr (12.0/15.3 mm) |

| | |
|---------------------------------------|-------------------------|
| Non-vented 1/2 in (1.27 cm) connector | |
| 91263C | 32/40 Fr (10.7/13.3 mm) |
| 91265C | 36/46 Fr (12.0/15.3 mm) |

10 per carton

Kaniulių dydžiai: 32/40F, 36/46F. Išorinės jungties dydis 1/2".



Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

MC2X™ Three Stage Venous Cannulae

These cannulae feature a thin-wall design that provides minimal pressure differential for use with vacuum or kinetically assisted venous drainage.



Thinner Wall Design



MC2X (29/29/29) Cannula Competitive 29 Fr Cannula

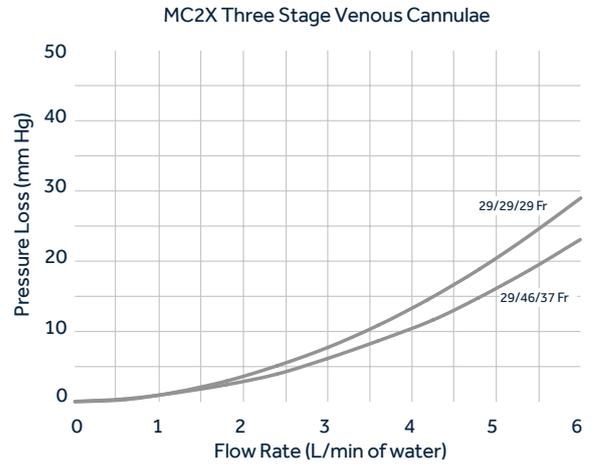
MC2X has a 31% thinner wall for a larger inner diameter when compared to competitive cannula²



MC2X 29/29/29 Fr Cannula Competitive 29 Fr Cannula

Larger end hole of the MC2X allows for better flow opportunity³

2,3. 2013 Medtronic data on file.



15 in (38.1 cm) overall length

Connection site $\frac{3}{8}$ in (0.95 cm)

| | |
|-------|------------------------------|
| 91429 | 29/29/29 Fr (9.7/9.7/9.7 mm) |
|-------|------------------------------|

Non-vented

$\frac{3}{8}$ in (0.95 cm) connector

| | |
|--------|------------------------------|
| 91429C | 29/29/29 Fr (9.7/9.7/9.7 mm) |
|--------|------------------------------|

10 per carton

15.5 in (39 cm) overall length

Connection site $\frac{3}{8}$ in (0.95 cm)

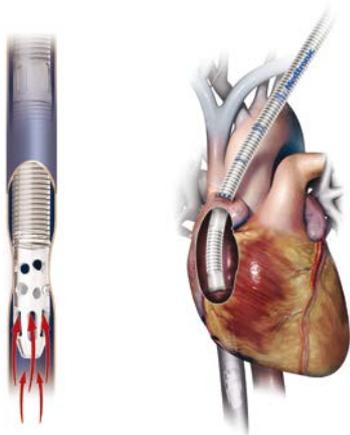
| | |
|-------|--------------------------------|
| 91437 | 29/46/37 Fr (9.7/15.3/12.3 mm) |
|-------|--------------------------------|

Non-vented

$\frac{3}{8}$ in (0.95 cm) connector

| | |
|--------|--------------------------------|
| 91437C | 29/46/37 Fr (9.7/15.3/12.3 mm) |
|--------|--------------------------------|

10 per carton



Important Safety Information

The introduction of air into the right heart may result in the immediate total loss of venous drainage to the extracorporeal circulation. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

**CARDIOPLEGIA
CIRCUIT
PRODUCTS**
ANTEGRADE
RETROGRADE
ADAPTERS

FIND YOUR IDEAL **ANTEGRADE CANNULAE**

Antegrade cannulae are designed to deliver cardioplegia solution to the heart via the coronary ostia in the normal direction of blood flow (antegrade perfusion). Aortic root cannulae are intended to either aspirate air from the aorta or infuse cardioplegia solution directly into the aortic root near the aortic valve. We offer adult and pediatric aortic root cannulae in varying lengths to accommodate various techniques and patient anatomies. Our product breadth ensures the availability of a cannula to meet your specific needs.

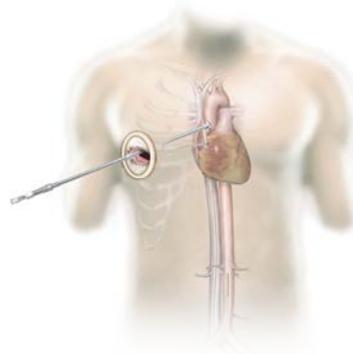
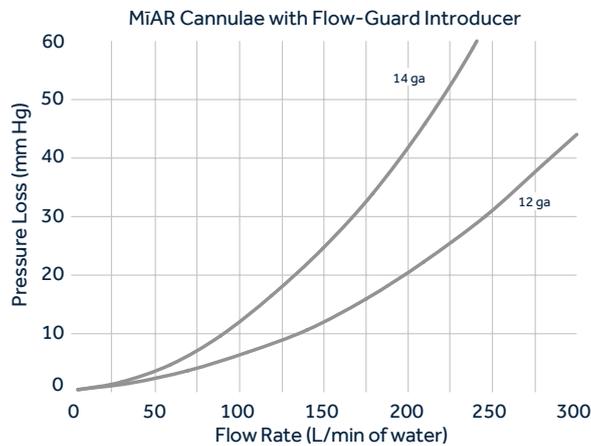


ANTEGRADE CANNULAE

| | |
|--|----|
| MiAR™ | 43 |
| DLP™ Dual Lumen Aortic Root with Vent Line | 43 |
| DLP™ Aortic Root | 44 |
| DLP™ Aortic Root with Vent Line | 45 |
| DLP™ Cardioplegia Needles | 46 |
| DLP™ Silicone Coronary Artery Ostial | 46 |
| DLP™ Coronary Artery Ostial | 47 |
| DLP™ High Flow Coronary Artery Ostial | 48 |

MiAR™ Cannulae

These Minimally Invasive Aortic Root (MiAR) models feature a 12.25 in (31 cm) cannula body to allow access into the chest for small incision techniques. This length also allows positioning of the luer connection to the cardioplegia line out of the surgeon's way, outside the chest incision. Additionally, these MiAR models include the Flow-Guard™ feature to maintain hemostasis during removal of the needle from the cannula.



**12.25 in (31 cm)
overall length**

**Flanged standard tip and
Flow-Guard introducer**

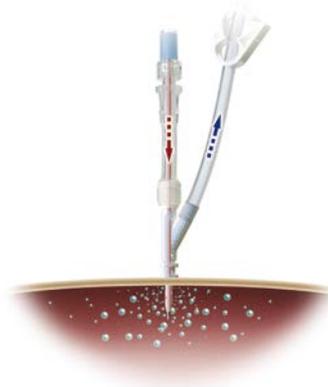
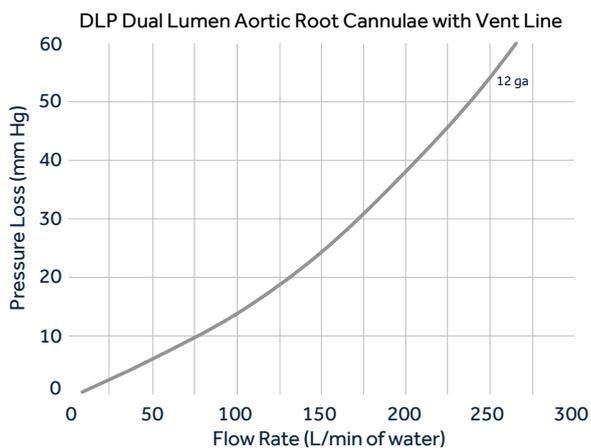
| | |
|---------------|--------------|
| 11012L | 12 ga (9 Fr) |
|---------------|--------------|

| | |
|---------------|--------------|
| 11014L | 14 ga (7 Fr) |
|---------------|--------------|

10 per carton

DLP™ Dual Lumen Aortic Root Cannulae with Vent Line

These cannulae feature dual lumen tips attached to clear bodies with separate vent line. Additional features available with these cannulae include left heart venting and simultaneous cardioplegia delivery and aspiration. All cannulae are supplied with a stainless steel introducer needle.



Dual Lumen Aortic Root Application Detail

**3.25 in (8.3 cm)
overall length**

Standard tip

| | |
|--------------|--------------|
| 30401 | 12 ga (9 Fr) |
|--------------|--------------|

Flanged standard tip

| | |
|--------------|--------------|
| 30402 | 12 ga (9 Fr) |
|--------------|--------------|

10 per carton

Important Safety Information

Care should be taken when inserting the needle to prevent perforation of the back wall of the aorta. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. Additional care and caution may be necessary due to the unique adaptations required for minimally invasive techniques. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

3 pirkimo dalis. Antegradinės kardiopleginės kaniulės. 3.2. Tiesi, Skaidri, lanksti, aortos šaknies kaniulė. Galiukas su skylutėmis šonuose ir siūlės fiksatoriumi su įpjovomis. Ant kaniulės slankiojantis fiksavimo žiedas. Adatos tipo pravediklis. Kaniulės jungtis - Luer tipo su kamštuku Flow-Guard tipo.

DLP™ Aortic Root Cannulae

These pediatric and adult cannulae feature radiopaque tips attached to clear PVC bodies. Additional features available with these cannulae include: aortic root pressure monitoring and left heart venting. All cannulae are supplied with a stainless steel introducer needle. All DLP Aortic Root Cannulae can be used to aspirate air emboli as well as administer cardioplegia.

Flow-Guard™ Introducer



2.5 in (6.4 cm) overall length

Flanged standard tip and standard introducer

| | |
|-------|---|
| 10218 | 18 ga (4 Fr) white tip and clear flange |
| 12218 | 18 ga (4 Fr) blue one-piece tip and flange |

20 per carton



5.75 in (14.6 cm) overall length

Slotted long tip and standard introducer

| | |
|-------|--------------|
| 10112 | 12 ga (9 Fr) |
| 10114 | 14 ga (7 Fr) |

Long tip and standard introducer

| | |
|--------|--------------|
| 10114B | 14 ga (7 Fr) |
|--------|--------------|

20 per carton



5.5 in (14.0 cm) overall length

Flanged standard tip and standard introducer

| | |
|-------|--------------|
| 10009 | 9 ga (11 Fr) |
| 10012 | 12 ga (9 Fr) |
| 10014 | 14 ga (7 Fr) |
| 10016 | 16 ga (5 Fr) |
| 10018 | 18 ga (4 Fr) |



5.75 in (14.6 cm) overall length

Flanged long tip and standard introducer

| | |
|---------|--------------|
| 10112WF | 12 ga (9 Fr) |
| 10114WF | 14 ga (7 Fr) |

20 per carton



5.25 in (13.3 cm) overall length

Flanged pressure monitoring tip and standard introducer

| | |
|-------|--------------|
| 23009 | 9 ga (11 Fr) |
|-------|--------------|

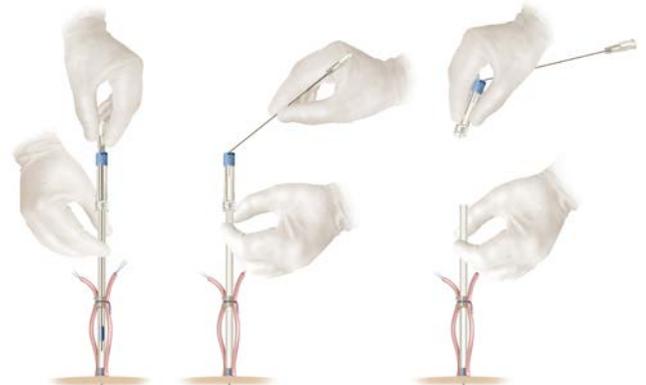
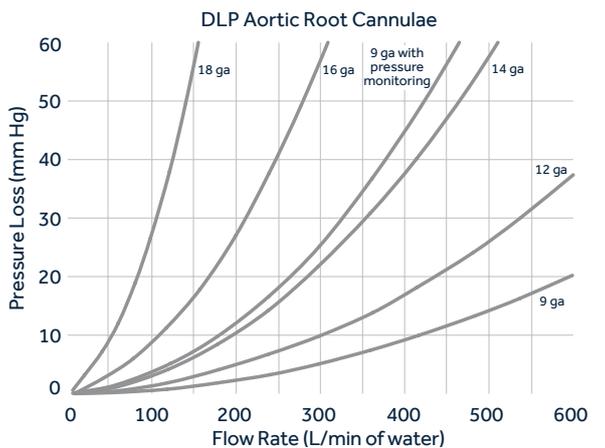
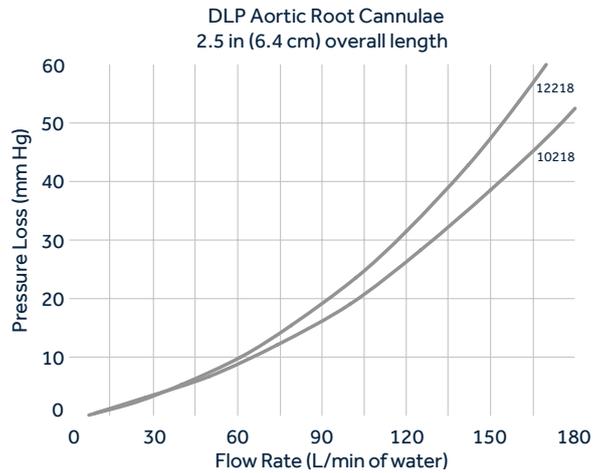
20 per carton

Flanged standard tip and Flow-Guard introducer

| | |
|-------|--------------|
| 11012 | 12 ga (9 Fr) |
| 11014 | 14 ga (7 Fr) |

20 per carton

3.2 p.d. Dydis 7Fr



Flow-Guard Introducer Application Detail

Important Safety Information

Care should be taken when inserting the needle to prevent perforation of the back wall of the aorta. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

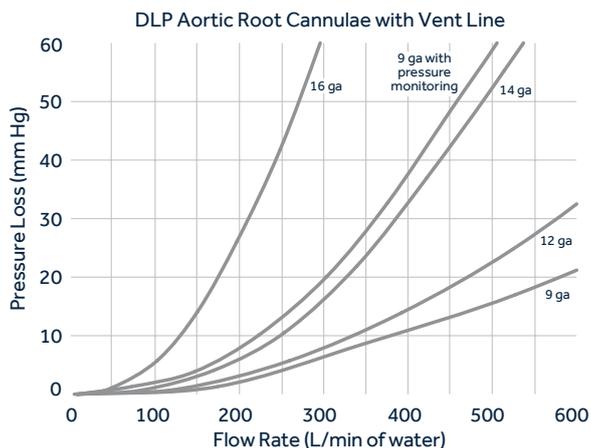
DLP™ Aortic Root Cannulae with Vent Line

3 pirkimo dalis. 3.1. Skaidri, lankstii, standartinė aortos šaknies kaniulė. Kaniulė turi turėti drenavimo atšaką, aštrų adatos tipo pravediklį. Kaniulės jungtis - Luer tipo su kamštuku.

These cannulae feature radiopaque tips attached to clear bodies with separate vent lines. Additional features available with these cannulae include aortic root pressure monitoring and left heart venting. All cannulae are supplied with a stainless steel introducer needle.



Kaniulė turi minkštą, su skylutėmis šonuose, galiuką ir siūlės fiksatorių su įpjovomis.



5.5 in (14.0 cm) overall length

Ilgis 14 cm.

Flanged standard tip and standard introducer

| | |
|--------|---------------------------------------|
| 20009 | 9 ga (11 Fr) |
| 20012 | 12 ga (9 Fr) 9F |
| 20012S | 12 ga (9 Fr) with two clamps |
| 20014 | 14 ga (7 Fr) |
| 20014L | 14 ga (7 Fr) 8 in (20.3 cm) vent line |
| 20016 | 16 ga (5 Fr) |

Flanged standard tip and Flow-Guard™ introducer

| | |
|-------|--------------|
| 21012 | 12 ga (9 Fr) |
| 21014 | 14 ga (7 Fr) |

20 per carton

5.75 in (14.6 cm) overall length

Slotted long tip and standard introducer

| | |
|-------|--------------|
| 20112 | 12 ga (9 Fr) |
| 20114 | 14 ga (7 Fr) |

Long tip and standard introducer

| | |
|--------|--------------|
| 20112B | 12 ga (9 Fr) |
| 20114B | 14 ga (7 Fr) |

20 per carton

5.75 in (14.6 cm) overall length

Flanged long tip and standard introducer

| | |
|----------|------------------------------|
| 20114WF | 14 ga (7 Fr) |
| 20114HWF | 14 ga (7 Fr) with side holes |

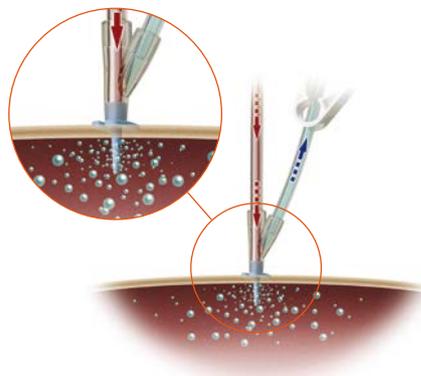
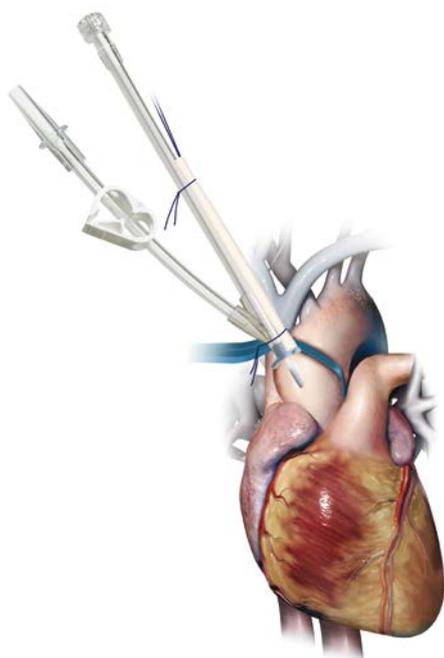
20 per carton

5.25 in (13.3 cm) overall length

Flanged pressure monitoring tip and standard introducer

| | |
|-------|--------------|
| 24009 | 9 ga (11 Fr) |
|-------|--------------|

20 per carton



Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Cardioplegia Needles

These needles feature stainless steel tips with a plastic depth stop. These needles are attached to flexible tubing with drape clamp and female luer.



Neonatal

6.5 in (16.5 cm) overall length

Tip length ¼ in (0.64 cm) with hub stop

| | |
|-------|--------------|
| 11316 | 16 ga (5 Fr) |
|-------|--------------|

20 per carton

Adult

10 in (25.4 cm) overall length

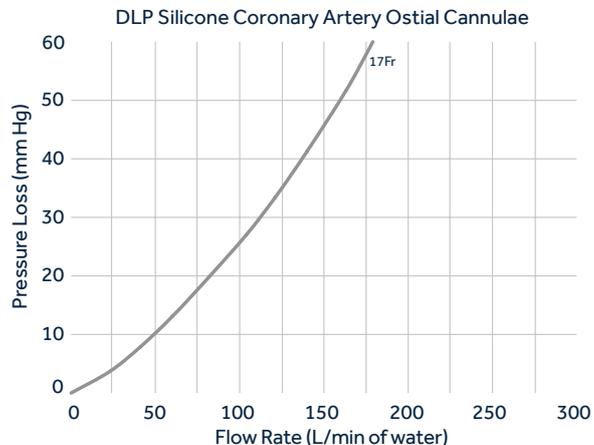
Tip length ⅝ in (1.59 cm) with 4 side holes and flange stop

| | |
|-------|--------------|
| 10313 | 13 ga (8 Fr) |
|-------|--------------|

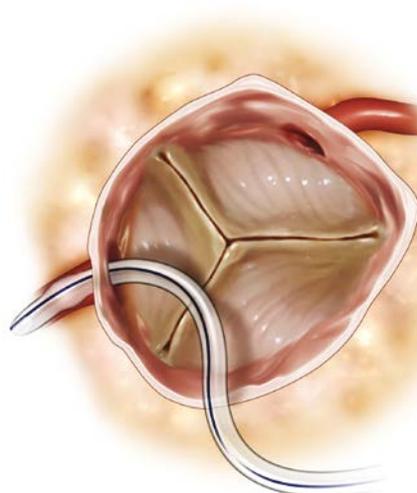
20 per carton

DLP™ Silicone Coronary Artery Ostial Cannulae

These cannulae feature silicone bodies with soft, bulb-shaped tips. All cannulae have a female luer connection site.



Intracoronary cardioplegia



10 in (25.4 cm) overall length

| | |
|-------|---------------------|
| 30315 | 15 Fr (5.0 mm) bulb |
|-------|---------------------|

| | |
|-------|---------------------|
| 30317 | 17 Fr (5.7 mm) bulb |
|-------|---------------------|

| | |
|-------|---------------------|
| 30320 | 20 Fr (6.7 mm) bulb |
|-------|---------------------|

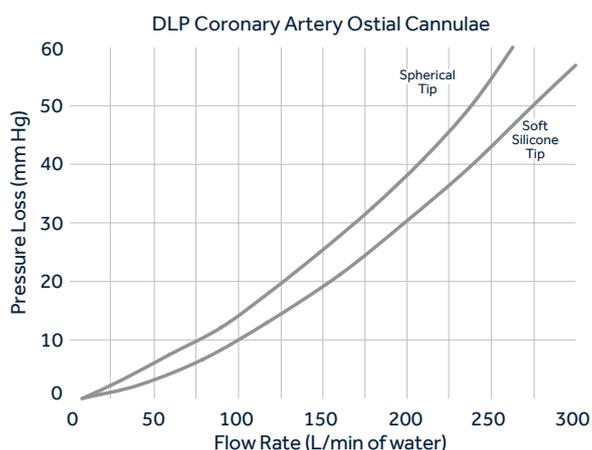
10 per carton

Important Safety Information

Care should be taken when inserting the needle to prevent perforation of the back wall of the aorta. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Coronary Artery Ostial Cannulae

These cannulae feature flanged, radiopaque basket tips or soft tips attached to malleable stainless steel shafts. All cannulae have a female luer connection site.



**6 in (15.2 cm)
overall length**

Basket tip

| | |
|-------|----------------|
| 30010 | 10 Fr (3.3 mm) |
| 30012 | 12 Fr (4.0 mm) |
| 30014 | 14 Fr (4.7 mm) |

20 per carton

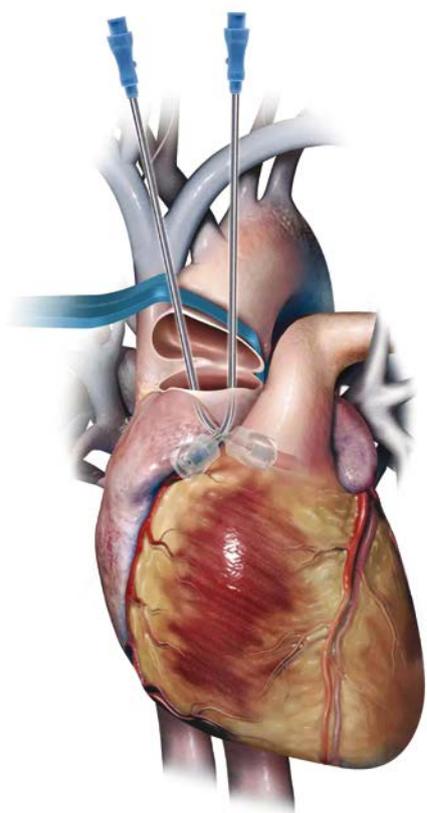


**6 in (15.2 cm)
overall length**

Spherical tip

30011

20 per carton



**6 in (15.2 cm)
overall length**

Soft, concave tip

30050

10 per carton



**6 in (15.2 cm)
overall length**

Soft, convex tip

30055

10 per carton

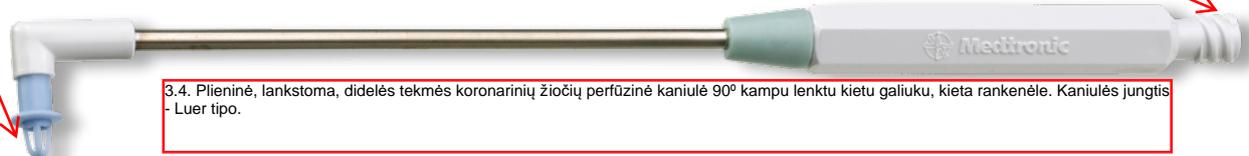
Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ High Flow Coronary Artery Ostial Cannulae

These cannulae feature flanged, radiopaque basket tips or soft tips attached to malleable stainless steel shafts. All cannulae have a female luer connection site.

3 pirkimo dalis. 3.3. Plieninė, lankstoma, didelės tekmės koronarinių žiočių perfūzinė kaniulė (ikišama, ne prispaudžiama), 45° kampu lenktu kietu galiuku (žr. žemiau prie prekės kodo), kieta rankenėle. Kaniulės jungtis - Luer tipo.



3.4. Plieninė, lankstoma, didelės tekmės koronarinių žiočių perfūzinė kaniulė 90° kampu lenktu kietu galiuku, kieta rankenėle. Kaniulės jungtis - Luer tipo.



Ilgis 19,1 cm.



3.4 p.d. 7.5 in (19.1 cm) overall length

90° angle tip

| | |
|-------|----------------|
| 30110 | 10 Fr (3.3 mm) |
| 30112 | 12 Fr (4.0 mm) |
| 30114 | 14 Fr (4.7 mm) |

10 per carton

90° kampu lenktu kietu antgaliu

Kaniulės dydis - 10F, 12F.

7.5 in (19.1 cm) overall length

90° angle soft silicone tip

| | |
|-------|----------------|
| 30155 | 10 Fr (3.3 mm) |
|-------|----------------|

10 per carton

3.3 p.d.



Ilgis 19,1 cm.

3.3 p.d. 7.5 in (19.1 cm) overall length

45° angle tip

| | |
|-------|----------------|
| 30212 | 12 Fr (4.0 mm) |
|-------|----------------|

10 per carton

45° kampu lenktu kietu antgaliu

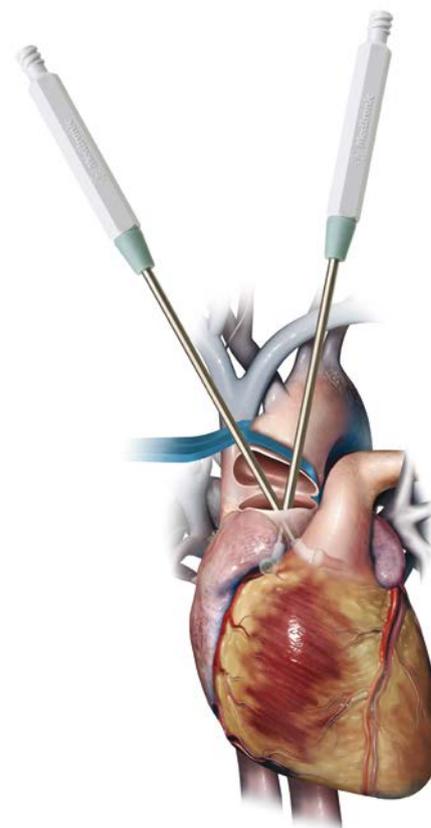
Kaniulės dydis - 12F.

7.5 in (19.1 cm) overall length

45° angle soft silicone tip

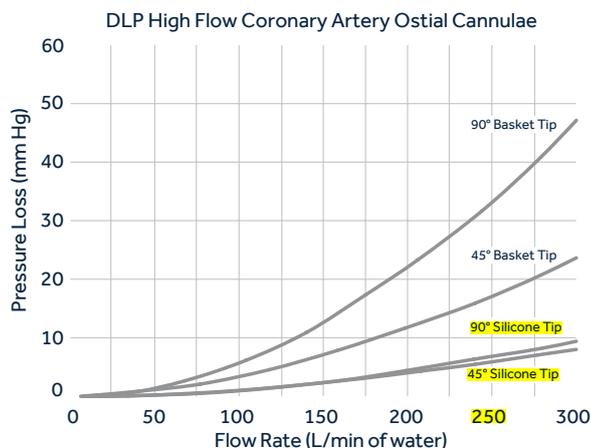
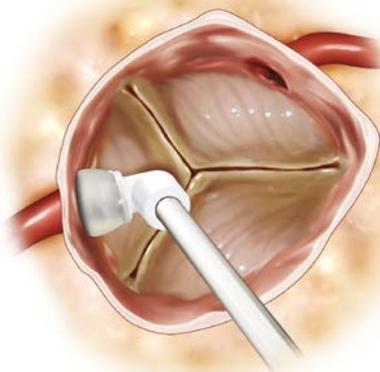
| | |
|-------|----------------|
| 30255 | 10 Fr (3.3 mm) |
|-------|----------------|

10 per carton



3.3 p.d. Slėgio kritimas iki 20 mmHg esant 250 ml/min. tėkmei

Ostial antegrade cardioplegia



3.4 p.d. Slėgio kritimas iki 35 mmHg esant 250 ml/min tėkmei

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

FIND YOUR IDEAL **RETROGRADE CANNULAE**

Retrograde cannulae are designed to deliver cardioplegia solutions to the heart via the coronary sinus in the reverse direction of normal blood flow (retrograde perfusion). We offer the retrograde cannulae in pediatric and adult sizes. The pediatric cannulae are offered with silicone bodies, with or without a guidewire stylet, and a manual-inflate cuff. Adult models are offered with a silicone or PVC body, a solid or guidewire stylet with a variety of handle options, and an auto- or manual-inflate cuff. The purpose of the cuff is to occlude the opening of the coronary sinus, forcing cardioplegia flow to the coronary vessel bed of the heart. Manual-inflate models require the clinician to inflate the cuff prior to delivering cardioplegia. Our product breadth ensures the availability of a cannula to meet your specific needs.



RETROGRADE CANNULAE

| | |
|--|----|
| MiRCSP™ | 51 |
| Gundry™ Silicone with Manual-Inflate Cuf | 52 |
| DLP™ Silicone with Manual-Inflate Cuff | 53 |
| DLP™ Silicone with Auto-Inflate Cuff | 55 |
| DLP™ PVC with Auto-Inflate Cuff | 56 |

MiRCSP™ Cannulae

The MiRCSP cannula is a retrograde cardioplegia cannula for cardiac surgeons who seek to differentiate themselves through the use of less invasive valve procedures performed through small thoracic incisions. Unlike traditional retrograde coronary sinus perfusion cannulae, the MiRCSP cannula includes the unique features of tip deflection and sweep that allow the surgeon to place it trans-atrial into the coronary sinus through small thoracic incisions (mini-sternotomy or right thoracotomy). Additional features enhance visibility on echocardiography or fluoroscopy to further facilitate cannula placement.



10 mm side-to-side sweep



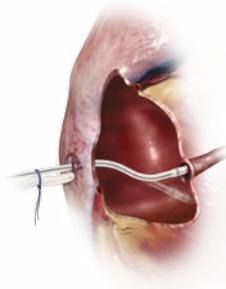
Manual-Inflate



Auto-Inflate



Enhanced echogenicity
MiRCSP™ Auto-Inflate balloon

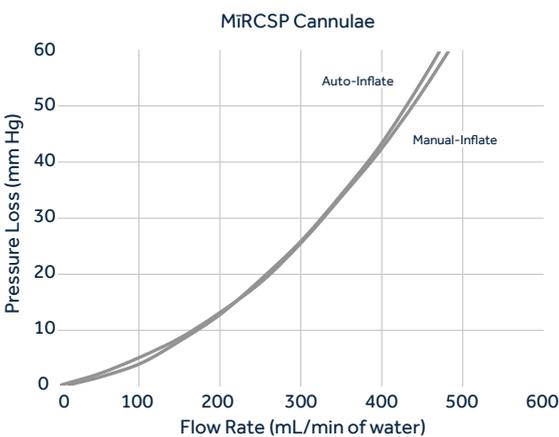


12.5 in (31.8 cm) overall length

Tip Deflecting Thoracotomy

| | |
|-----------|----------------------------|
| 94113 TDT | 13 Fr manual -inflate cuff |
| 94533 TDT | 13 Fr auto-inflate cuff |

2 per carton



12.5 in (31.8 cm) overall length

Tip Deflecting

| | |
|----------|----------------------------|
| 94113 TD | 13 Fr manual -inflate cuff |
| 94533 TD | 13 Fr auto-inflate cuff |

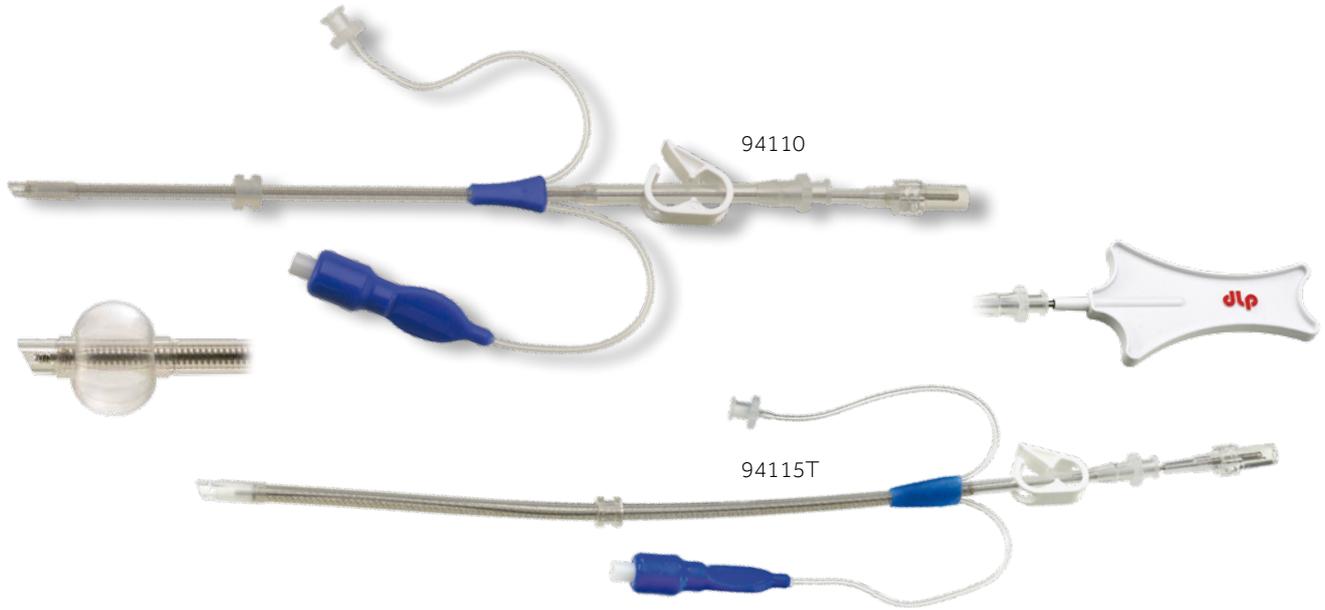
2 per carton

Important Safety Information

Extreme caution should be exercised while introducing the cannula into the coronary sinus. Do not force the cannula into the coronary sinus as this may cause vessel damage. Additional care and caution may be necessary due to the unique adaptations required for minimally invasive techniques. Due to limitations of direct visualization during minimally invasive techniques, echocardiographic or fluoroscopic imaging is recommended. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff

These pediatric and adult cannulae feature silicone bodies and manual-inflate cuffs with pressure monitoring lines. All cannulae have a guidewire stylet and either a male luer handle or a Tru-Touch™ handle. All cannulae come with a syringe for cuff inflation.



9 in (22.9 cm) overall length

Smooth cuff and wirewound body

| | |
|-------|---------------------------------|
| 94110 | 10 Fr (3.3 mm) guidewire stylet |
|-------|---------------------------------|

4 per carton

12.5 in (31.8 cm) overall length

Smooth cuff and wirewound body

| | |
|--------|---------------------------------|
| 94115T | 15 Fr (5.0 mm) guidewire stylet |
|--------|---------------------------------|

10 per carton

12.5 in (31.8 cm) overall length

Smooth cuff, wirewound body, and integral stopcock

| | |
|--------|---------------------------------|
| 94113T | 13 Fr (4.3 mm) guidewire stylet |
|--------|---------------------------------|

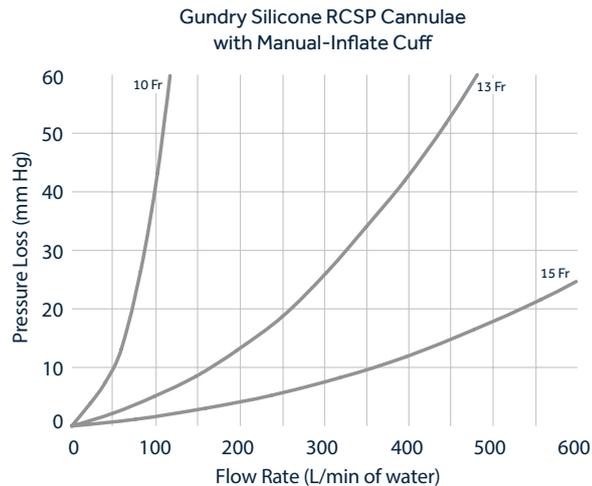
10 per carton

| | |
|-------|---------------------------------|
| 94615 | 15 Fr (5.0 mm) guidewire stylet |
|-------|---------------------------------|

4 per carton

| | |
|-------|---|
| 94715 | 15 Fr (5.0 mm) guidewire stylet with Tru-Touch handle |
|-------|---|

10 per carton

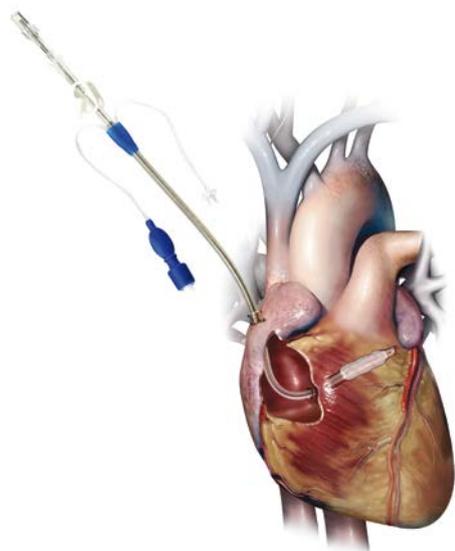
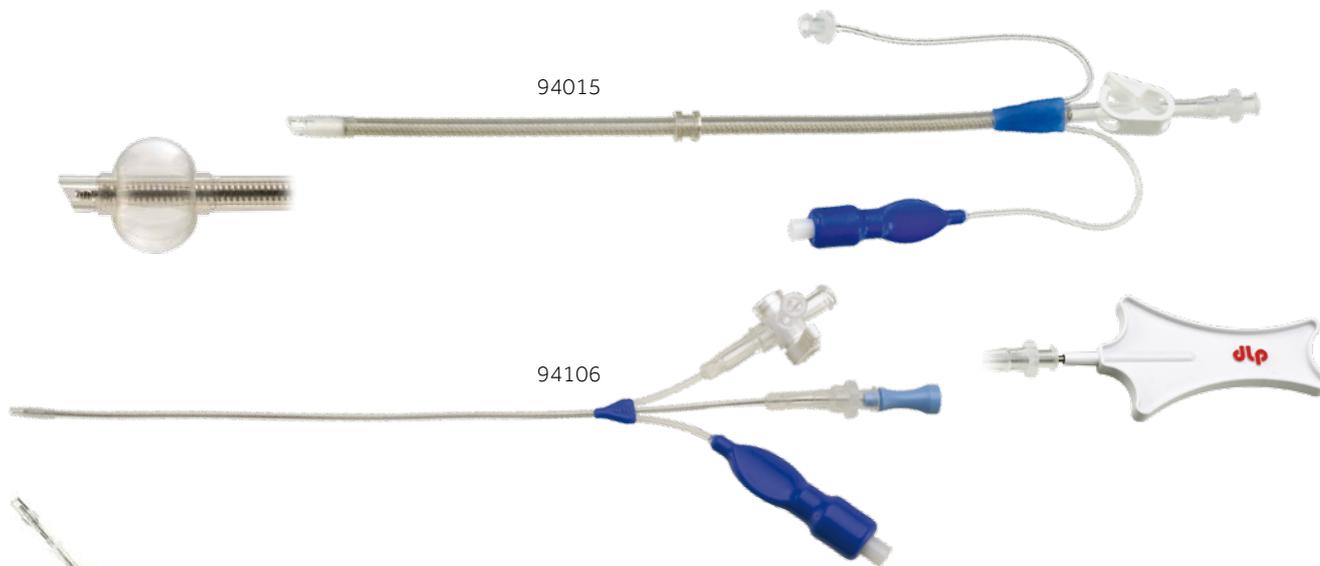


Important Safety Information

Extreme caution should be exercised while introducing the cannula into the coronary sinus. Do not force the cannula into the coronary sinus as this may cause vessel damage. Do not over inflate the balloon. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff

These pediatric and adult cannulae feature silicone bodies and manual-inflate cuffs with pressure monitoring lines. All cannulae come with a smooth cuff and a syringe for cuff inflation.



9 in (22.9 cm) overall length

Smooth cuff and wirewound body

| | |
|-------|-----------------------------|
| 94010 | 10 Fr (3.3 mm) no stylet |
|-------|-----------------------------|

4 per carton

9.5 in (24.1 cm) overall length

Smooth cuff, non-wirewound body, and integral stopcock

| | |
|-------|-------------------------|
| 94006 | 6 Fr (2.0 mm) no stylet |
|-------|-------------------------|

| | |
|-------|-----------------------------------|
| 94106 | 6 Fr (2.0 mm) guidewire stylet |
|-------|-----------------------------------|

4 per carton

12.5 in (31.8 cm) overall length

Smooth cuff and wirewound body

| | |
|-------|--------------------------|
| 94015 | 15 Fr (5.0 mm) no stylet |
|-------|--------------------------|

4 per carton

| | |
|--------|--------------------------------|
| 94215T | 15 Fr (5.0 mm) solid stylet |
|--------|--------------------------------|

10 per carton

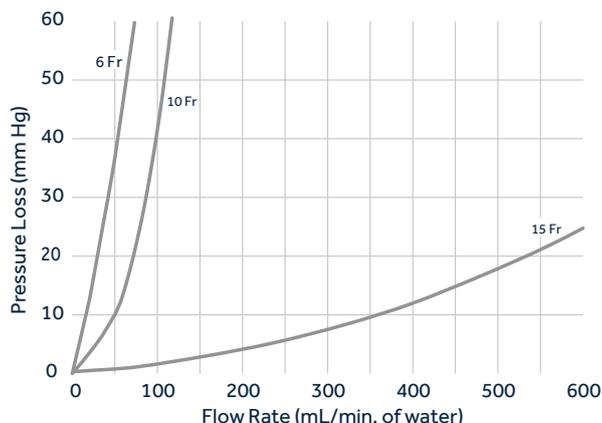
12.5 in (31.8 cm) overall length

Smooth cuff, wirewound body, and integral stopcock

| | |
|-------|--|
| 94725 | 15 Fr (5.0 mm) solid stylet with Tru-Touch™ handle |
|-------|--|

10 per carton

DLP Silicone RCSP Cannulae with Manual-Inflate Cuff

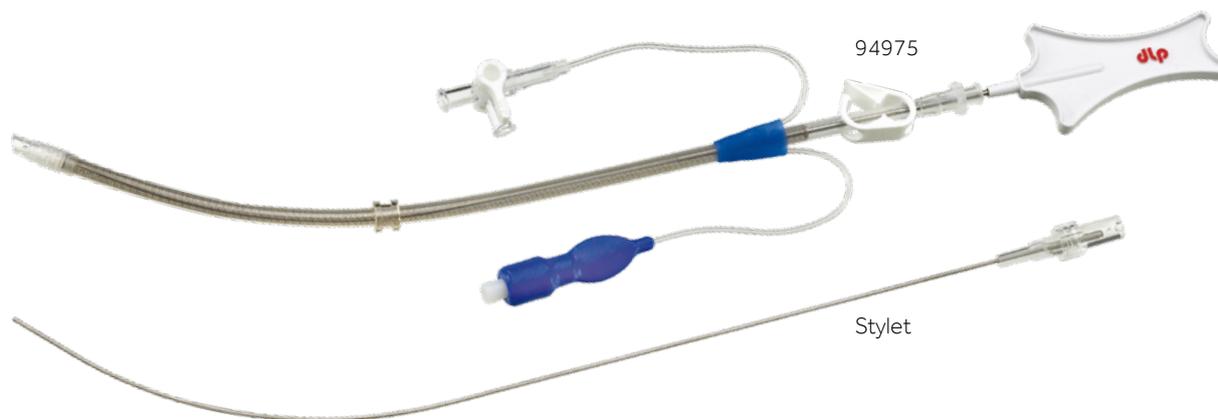


Important Safety Information

Extreme caution should be exercised while introducing the cannula into the coronary sinus. Do not force the cannula into the coronary sinus as this may cause vessel damage. Do not over inflate the balloon. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff

These pediatric and adult cannulae feature silicone bodies and manual-inflate cuffs with pressure monitoring lines. A variety of cuffs and stylets are available. All cannulae come with a syringe for cuff inflation.



**12.5 in (31.8 cm)
overall length**

**Preformed cuff
and wirewound body**

| | |
|-------|------------------------------------|
| 94515 | 15 Fr (5.0 mm) guidewire stylet |
| 94525 | 15 Fr (5.0 mm) solid stylet |

4 per carton



**12.5 in (31.8 cm)
overall length**

**Elongated cuff, wirewound body,
and integral stopcock**

| | |
|-------|------------------------------------|
| 94625 | 15 Fr (5.0 mm) solid stylet |
| 94665 | 15 Fr (5.0 mm) guidewire stylet |

10 per carton

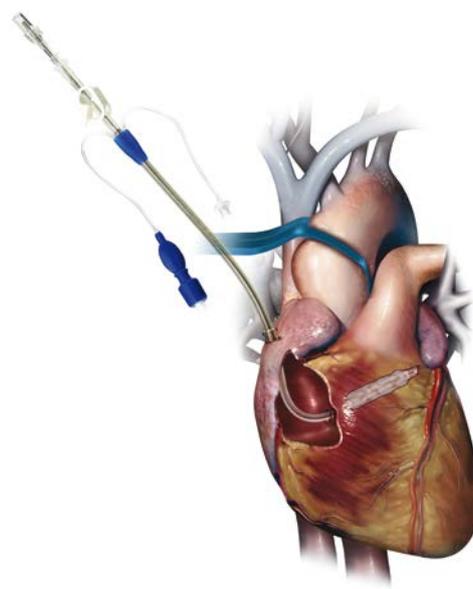


**12.5 in (31.8 cm)
overall length**

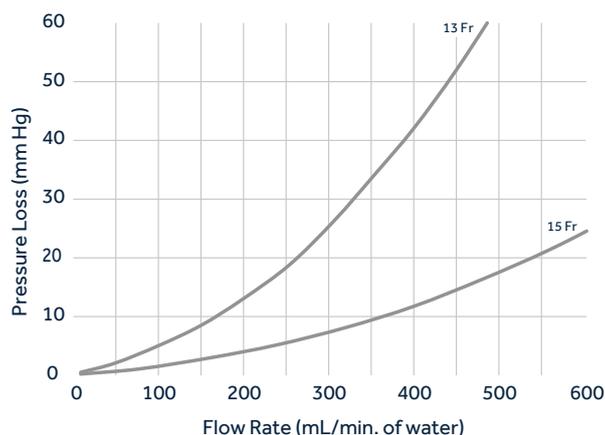
**Ridged cuff, wirewound body,
and integral stopcock**

| | |
|--------|---|
| 94913 | 13 Fr (4.3 mm) guidewire stylet |
| 94913L | 13 Fr (4.3 mm) guidewire stylet and 6 in (15.2 cm) pressure monitoring and inflation line |
| 94915 | 15 Fr (5.0 mm) guidewire stylet |
| 94965 | 15 Fr (5.0 mm) guidewire stylet with Tru-Touch™ handle |
| 94975 | 15 Fr (5.0 mm) solid stylet with Tru-Touch handle |

10 per carton



**DLP Silicone RCSP Cannulae
with Manual-Inflate Cuff**



Important Safety Information

Additional care and caution may be necessary due to the unique adaptations required for minimally invasive techniques. Due to limitations of direct visualization during minimally invasive techniques, echocardiographic or fluoroscopic imaging is recommended. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff

These cannulae feature silicone bodies and auto-inflate cuffs with pressure monitoring lines. A variety of cuffs and stylets are available.



Slėgio kritimas iki 40 mmHg esant 400 ml/min tėkmei.



Ilgis 31,8cm. Kaniulės dydis 15F.

12.5 in (31.8 cm) overall length

Smooth preformed cuff and wirewound body

| | |
|---------------|---|
| 94315T | 15 Fr (5.0 mm) solid stylet |
| 94415T | 15 Fr (5.0 mm) guidewire stylet |
| 94735 | 15 Fr (5.0 mm) solid stylet with Tru-Touch™ handle |
| 94745 | 15 Fr (5.0 mm) guidewire stylet with Tru-Touch handle |

10 per carton



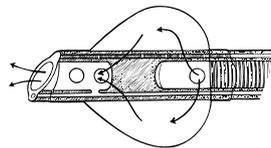
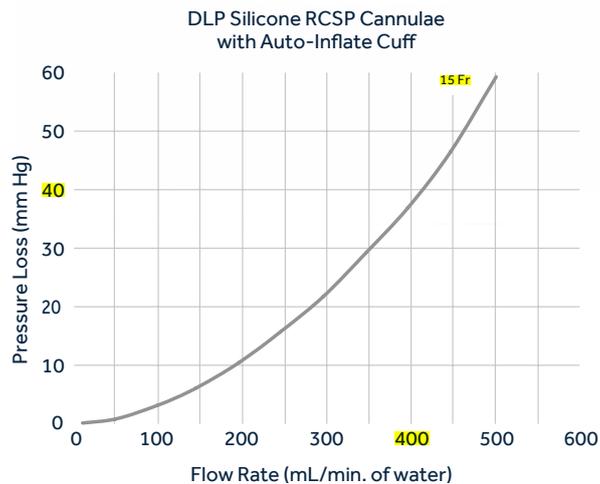
12.5 in (31.8 cm) overall length

Ridged preformed cuff, wirewound body, and integral stopcock

| | |
|-------|---|
| 94985 | 15 Fr (5.0 mm) solid stylet with Tru-Touch handle |
| 94995 | 15 Fr (5.0 mm) guidewire stylet with Tru-Touch handle |

10 per carton

Silicone auto-inflating cuffs offer the convenience of cuff inflation without the need for a syringe. Their unique flow-through design allows cardioplegia to circulate through the cuff before exiting the cannula tip. These cuffs also feature a dual pressure monitoring system: which normally provides intra-sinus pressure monitoring through the port in the tip. However, should the tip inadvertently become occluded, the second port will monitor intra-cuff pressure. This feature greatly reduces the potential for coronary sinus damage due to over inflation.



Silicone Auto-Inflate Cuff Flow Detail

Important Safety Information

Additional care and caution may be necessary due to the unique adaptations required for minimally invasive techniques. Due to limitations of direct visualization during minimally invasive techniques, echocardiographic or fluoroscopic imaging is recommended. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff

These cannulae feature PVC bodies and polyurethane auto-inflate smooth cuffs with pressure monitoring lines. A variety of stylets are available.



10 in (25.4 cm) overall length

Smooth preformed cuff, short fluted bullet-nosed tip, and integral stopcock

| | |
|--------|--|
| 94885K | 15 Fr (5.0 mm) solid stylet with Tru-Touch™ handle |
|--------|--|

10 per carton

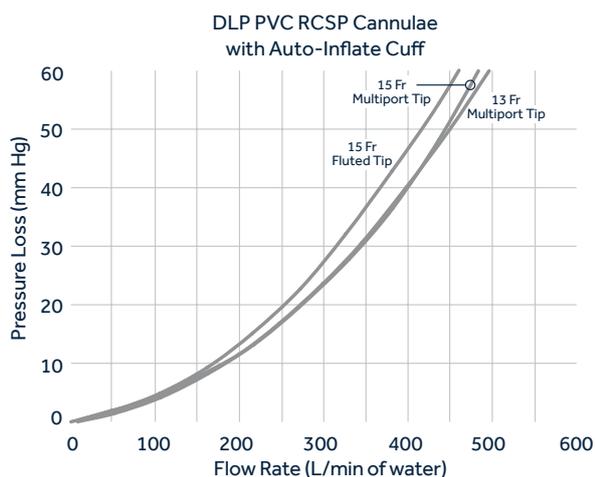


11 in (27.9 cm) overall length

Smooth preformed cuff, multi-port tip, and integral stopcock

| | |
|-------|--|
| 94523 | 13 Fr (4.3 mm) guidewire stylet with mini Tru-Touch handle |
| 94533 | 13 Fr (4.3 mm) solid stylet with Tru-Touch handle |
| 94535 | 15 Fr (5.0 mm) solid stylet with Tru-Touch handle |

10 per carton



Important Safety Information

Extreme caution should be exercised while introducing the cannula into the coronary sinus. Do not force the cannula into the coronary sinus as this may cause vessel damage. Do not over inflate the balloon. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff

These cannulae feature PVC bodies and polyurethane auto-inflate cuffs with pressure monitoring lines. A variety of cuffs and stylets are available.



12 in (30.5 cm) overall length

Smooth preformed cuff, short fluted bullet-nosed tip, and integral stopcock

| | |
|-------|---|
| 94885 | 15 Fr (5.0 mm) solid stylet with Tru-Touch™ handle |
| 94895 | 15 Fr (5.0 mm) guidewire stylet with Tru-Touch handle |

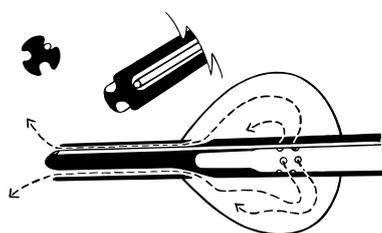
10 per carton

12.5 in (31.8 cm) overall length

Smooth preformed cuff, short fluted bullet-nosed tip, and integral stopcock

| | |
|-------|---|
| 94835 | 15 Fr (5.0 mm) solid stylet with Tru-Touch handle |
| 94845 | 15 Fr (5.0 mm) guidewire stylet with Tru-Touch handle |

10 per carton



PVC Auto-Inflate Cuff Flow Detail



12.5 in (31.8 cm) overall length

Ridged preformed silicone cuff, short fluted, bullet-nosed tip, and integral stopcock

| | |
|-------|---|
| 94935 | 15 Fr (5.0 mm) solid stylet with Tru-Touch handle |
| 94945 | 15 Fr (5.0 mm) guidewire stylet |

10 per carton

Important Safety Information

Additional care and caution may be necessary due to the unique adaptations required for minimally invasive techniques. Due to limitations of direct visualization during minimally invasive techniques, echocardiographic or fluoroscopic imaging is recommended. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

FIND YOUR IDEAL **CARDIOPLEGIA ADAPTERS**

Cardioplegia adapters are designed to permit customization of the cardioplegia circuit. Medtronic adapters can be used to connect multiple cardioplegia cannulae and/or vein graft cannulae to a single inlet source, switch between antegrade and retrograde delivery of cardioplegia, and provide the option for attaching a vent line to cardioplegia cannulae. Additional adapters are available to extend the length of the cardioplegia circuit, recirculate the cardioplegia solution, or provide an extension to the pressure monitoring line.



CARDIOPLEGIA ADAPTERS

| | |
|--|----|
| DLP™ Perfusion | 61 |
| DLP™ Perfusion / Venting | 61 |
| DLP™ Extension Line | 62 |
| DLP™ Pressure Monitoring Extension Line | 62 |
| DLP™ Straight Venting | 62 |
| DLP™ “Y” Type Venting | 62 |
| DLP™ “Y” Type Recirculating | 63 |
| DLP™ “Y” Type Coronary Perfusion | 63 |
| DLP™ “Y” Type Special | 64 |
| DLP™ “Y” Type | 64 |
| DLP™ Vein Graft Cannula | 65 |
| DLP™ Cardioplegia Adapter with Pressure Port | 66 |
| ARISS™ Perfusion Switches | 66 |
| DLP™ Cardioplegia Management Set | 67 |
| DLP™ Antegrade / Retrograde | 67 |
| DLP™ Multiple Perfusion Sets | 68 |

DLP™ Perfusion Adapters

These adapters feature a barbed connector on one end and either a male luer or female luer on the other. Some models have a length of tubing between the barbed connector and luers.



2 in (5.1 cm) overall length

Male luer

| | |
|-------|---------------------------------|
| 10007 | ¼ in (0.64 cm) barbed connector |
| 10008 | ⅜ in (0.95 cm) barbed connector |

40 per carton



3.25 in (8.3 cm) overall length

Tubing and female luer

| | |
|-------|---------------------------------|
| 10022 | ¼ in (0.64 cm) barbed connector |
|-------|---------------------------------|

40 per carton

DLP™ Perfusion/Venting Adapter

This adapter is a combination of perfusion adapter 10007 with an added high-flow stopcock that allows for venting. This three-way stopcock has a large bore inner diameter and has female and male luers on the ends.



Male luer

13002

20 per carton

Important Safety Information

Cardioplegia adapter devices are a combination of products that have their own indications, contraindications, precautions, warnings, and potential adverse events. Refer to those components individually. Cardioplegia adapter devices are not intended for use except as indicated. Use the lowest possible pressure to reduce risk of hemolysis or risk of vessel damage. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Extension Line Adapters

These adapters feature soft (silicone-like) PVC tubing with or without a clamp and male and winged female luers on the ends.

10 in (25.4 cm) overall length

Male and winged female luers

| | |
|-------|---------------|
| 11001 | without clamp |
|-------|---------------|

10 per carton

20 in (50.8 cm) overall length

Male and winged female luers

| | |
|--------|------------|
| 11001G | with clamp |
|--------|------------|

20 per carton



DLP™ Pressure Monitoring Extension Line Adapters

These adapters feature combinations of male and female luers on the ends.

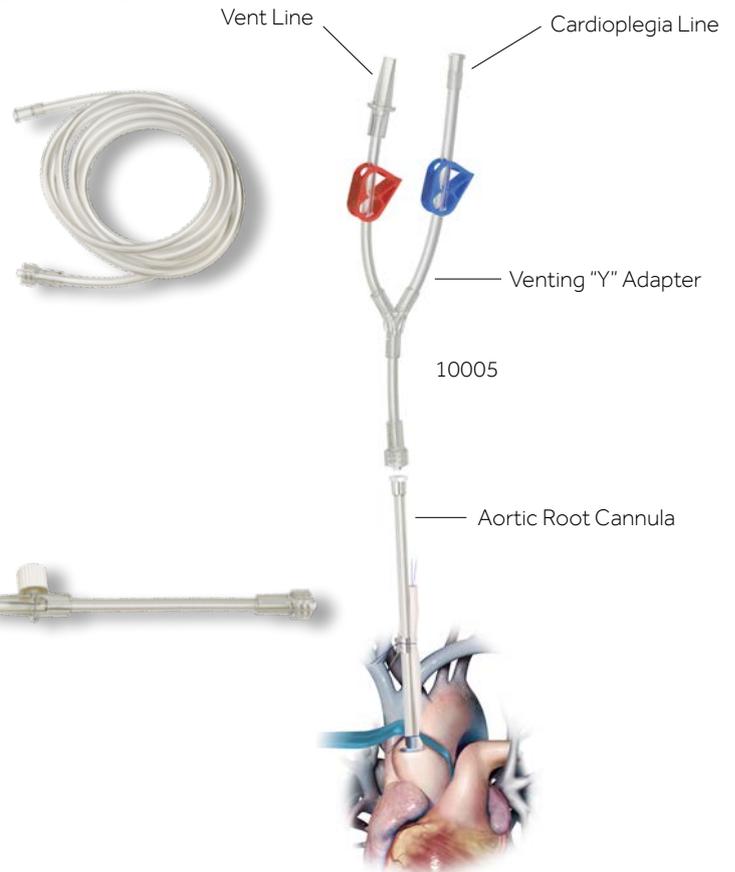
6 ft (1.8 m) overall length

Male and female luers

| | |
|-------|---------------------|
| 25009 | male x female luers |
|-------|---------------------|

| | |
|-------|-------------------|
| 25010 | male x male luers |
|-------|-------------------|

20 per carton



DLP™ Straight Venting Adapters

These adapters have a male luer on one end and a ¼ in (0.64 cm) connector on the other.

5 in (12.7 cm) overall length

Male luers

| | |
|-------|----------------------------|
| 10001 | with vented ¼ in connector |
|-------|----------------------------|

| | |
|--------|--------------------------------------|
| 10001K | with vented ¼ in connector and clamp |
|--------|--------------------------------------|

20 per carton



DLP™ “Y” Type Venting Adapters

These adapters feature a male luer on the single leg. A female luer is on the cardioplegia inlet leg and a ¼ in (0.64 cm) connector is on the venting leg.

Male luer on single leg

| | |
|--------|---|
| 10005* | 7.5 in (19.1 cm) overall length with 3 in (7.6 cm) inlet leg and color coded clamps |
|--------|---|

| | |
|-------|--|
| 10533 | 15.5 in (39.2 cm) overall length with 11 in (28 cm) inlet leg and color coded clamps |
|-------|--|

| | |
|-------|--|
| 10534 | 8.5 in (21.6 cm) overall length with one-way valve in vent line and color coded clamps |
|-------|--|

20 per carton



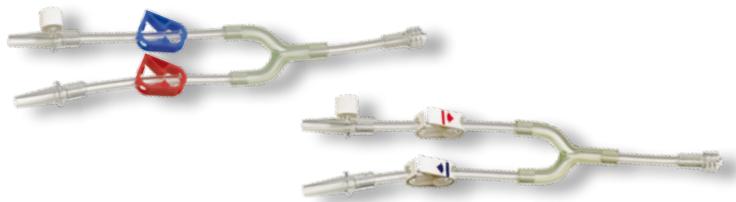
* When used with 10005 Venting “Y” Adapter an Aortic Root Cannula can be used to vent the left heart.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ “Y” Type Recirculating Adapters

These adapters feature a soft “Y” that has a two leg option with ¼ in (0.64 cm) connectors and venting capabilities or a three-leg option that terminates with male luers.

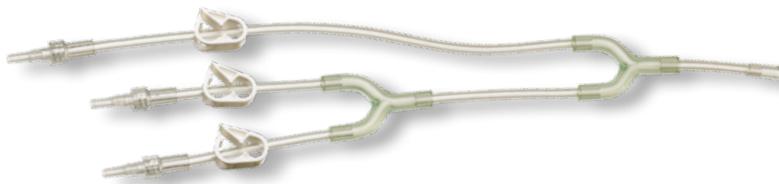


8 in (20.3 cm) overall length

Male luer on single leg

| | |
|---------|--------------------------------------|
| 10003 | color coded clamps |
| 10003OS | white clamps with color coded arrows |

20 per carton



14.5 in (36.8 cm) overall length

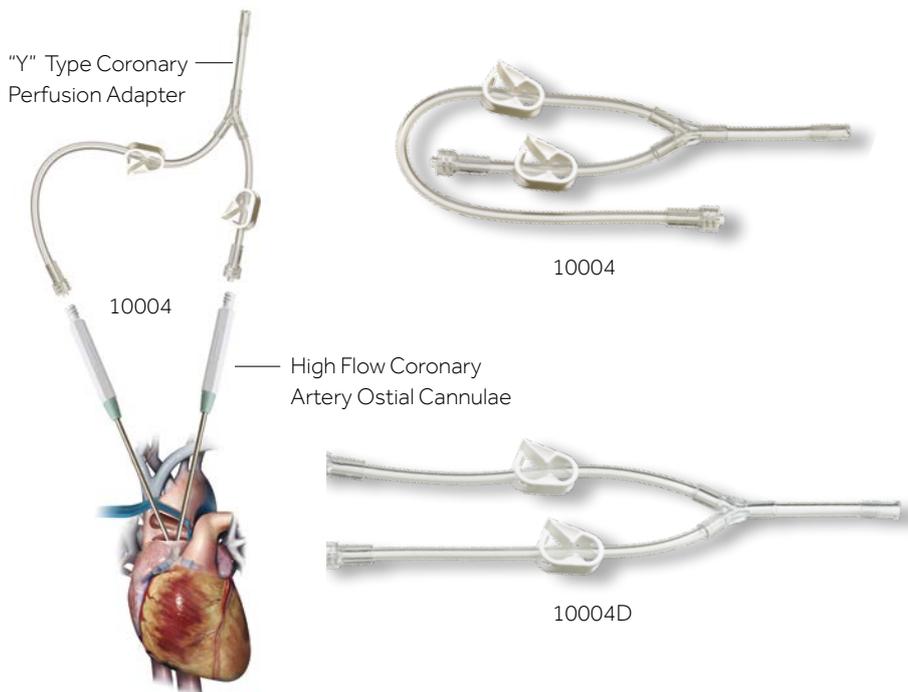
Female luer on single leg

| | |
|--------|--------------------------------------|
| 10003S | white clamps with color coded arrows |
|--------|--------------------------------------|

20 per carton

DLP™ “Y” Type Coronary Perfusion Adapters

These adapters feature a rigid “Y” with two legs in various lengths that terminate with male luers.



Female luer on single leg

| | |
|--------|---|
| 10004 | 3.5 in (8.9 cm) and 10 in (25.4 cm) legs and white clamps |
| 10004C | 2 in (5.1 cm) and 10 in (25.4 cm) legs and white clamps |
| 10004D | 6 in (15.2 cm) legs and white clamps |
| 10700 | 3.5 in (8.9 cm) and 10 in (25.4 cm) legs and color coded clamps |
| 10706 | 6 in (15.2 cm) soft, silicone-like PVC legs and white clamps |
| 10710 | 10 in (25.4 cm) soft, silicone-like PVC legs and white clamps |

20 per carton

Important Safety Information

Cardioplegia adapter devices are a combination of products that have their own indications, contraindications, precautions, warnings, and potential adverse events. Refer to those components individually. Cardioplegia adapter devices are not intended for use except as indicated. Use the lowest possible pressure to reduce risk of hemolysis or risk of vessel damage. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ “Y” Type Special Adapter

This adapter features a rigid “Y” with four legs. One leg terminates in a male luer, one leg terminates in a ¼ in (0.64 cm) connector, and two legs terminate in soft silicone tips with graduated steps to fit any vesse.

19 in (48.3 cm) overall length

Female luer on single leg

| | |
|--------|--------------|
| 10005S | white clamps |
|--------|--------------|

10 per carton



DLP™ “Y” Type Adapter

This adapter is a combination of models 10004 and 10005 and features four legs. Two legs terminate in male luers, one terminates with a female luer, and the fourth terminates with a ¼ in (0.64 cm) connector.

20.5 in (52.1 cm) overall length

Combination with four legs

| | |
|---------|--------------------|
| 10005BH | color coded clamps |
|---------|--------------------|

20 per carton



This adapter features a female luer on the cardioplegia inlet leg and a ¼ in (0.64 cm) connector on the venting leg.

7.5 in (19.1 cm) overall length

Male luer on single leg

| | |
|---------|--------------------------------------|
| 10005OS | white clamps with color coded arrows |
|---------|--------------------------------------|

20 per carton



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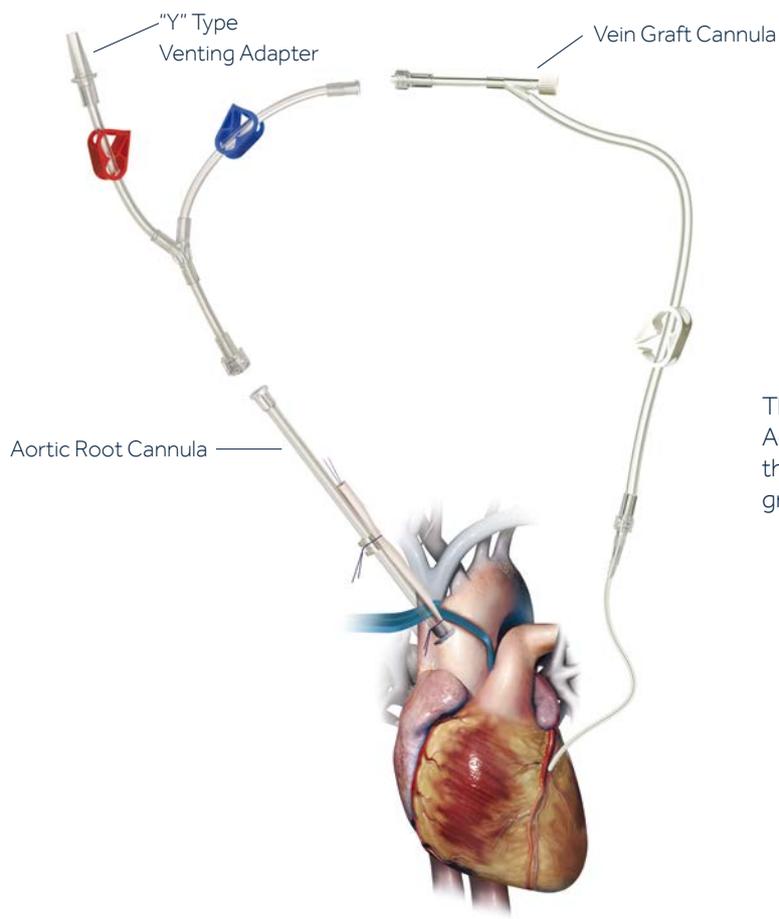
DLP™ Vein Graft Cannula

This product features a soft silicone tip with graduated steps to fit any vessel. The tip is attached to a "Y" adapter via tubing with clamps. The "Y" adapter terminates with a male luer.



25.5 in (63.5 cm) overall length

| | |
|--------------------------------------|--|
| Male luer on single inlet leg | |
| 10010 | "Y" adapter with female luer and white clamp on male leg |
| 20 per carton | |



The combination of a Vein Graft Cannula and an Aortic Root Cannula provides a way to perfuse the aortic root and vein graft. In this case the vein graft must be held with the fingers and not tied.

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Cardioplegia Adapter with Pressure Port

This adapter features a latex-free rubber septum to allow access for a pressure monitoring needle near the connection to the cardioplegia cannula.

Locking male luer

15004

10 per carton



ARISS™ Perfusion Switches

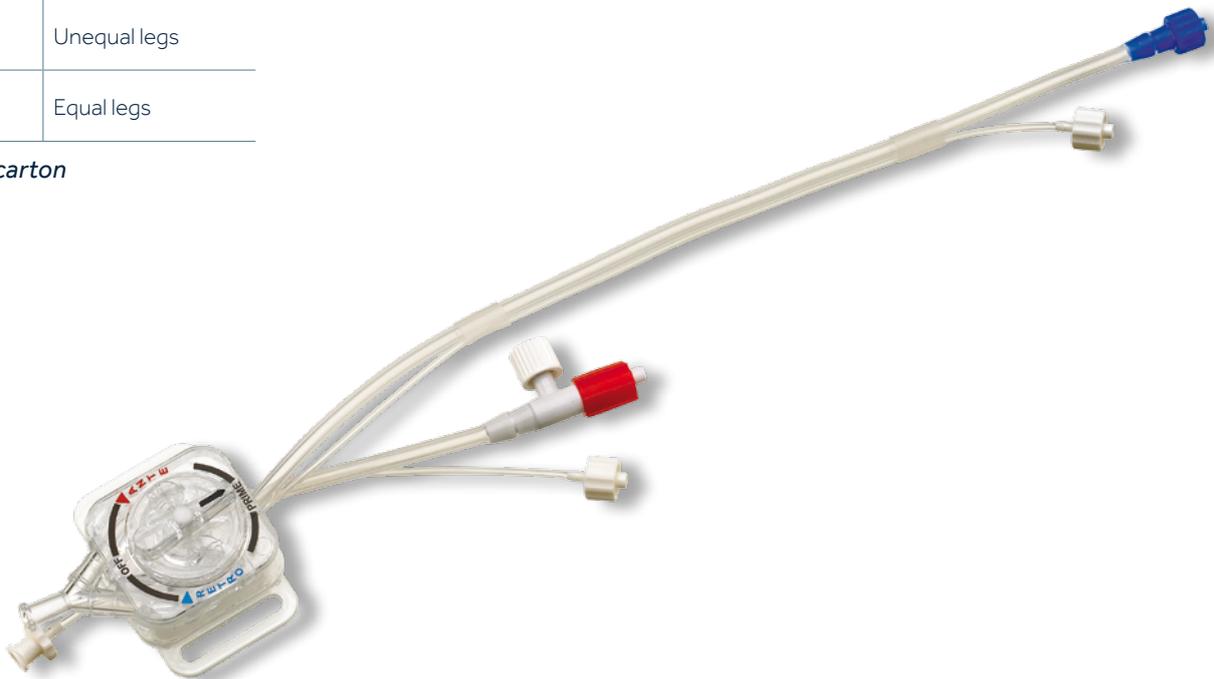
These table mount models allow the surgeon to switch between antegrade and retrograde cardioplegia delivery. These versions feature pressure monitoring lines that run alongside the inlet and outlet ports. The outlet ports are color coded for easy identification.

13 in (33.0 cm) overall length

Table mount models

| | |
|-------|--------------|
| 13000 | Unequal legs |
| 13004 | Equal legs |

10 per carton



Important Safety Information

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DLP™ Cardioplegia Management Set

This product features soft tubing with three legs that terminate in male luers. The legs have varying lengths and are set in a mounting bracket with adhesive pads on the back. The red clamp leg has a length of 10 in (25.4 cm), the white clamp leg has a length of 20 in (50.8 cm), and the blue clamp leg has a length of 30 in (76.2 cm).

Female luer on single leg

| | |
|-------|--------------------|
| 13003 | color coded clamps |
|-------|--------------------|

5 per carton



DLP™ Antegrade/Retrograde Adapter

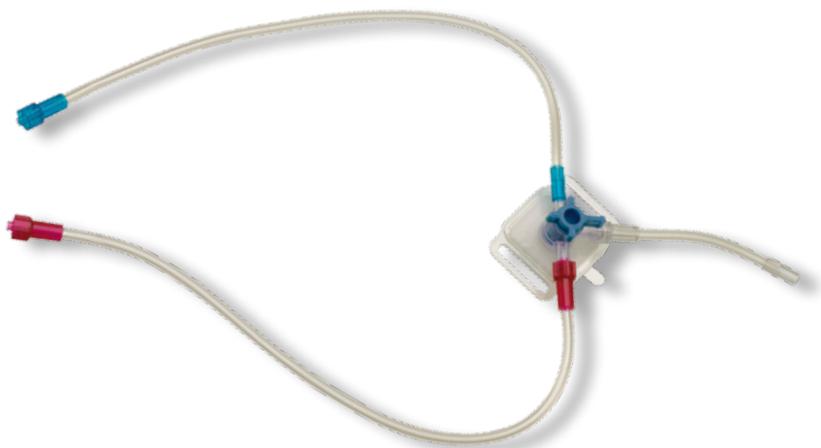
This adapter features a large bore three-way stopcock and male luers on the outlet ports.

26.5 in (67.3 cm) overall length

Female luer on single leg

| |
|-------|
| 13001 |
|-------|

10 per carton



Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Multiple Perfusion Sets

These products allow for simultaneous perfusion of the aortic root and up to three or more vein grafts. They feature inlet ports with male or female luer and clamps attached to an adapter that splits into four or more legs. These legs have color-coded clamps for easy identification and terminate with male luers. Models with a vent line terminate in a 1/4 in (0.64 cm) connector.

12 in (30.5 cm) overall length

Female luer on single inlet leg with 4 legs

| | |
|-------|---|
| 14002 | 4-3 in (7.6 cm) length legs with white clamps |
|-------|---|

20 per carton



14000

Female luer on single inlet leg with 4 legs

| | |
|-------|---|
| 14003 | 4-8 in (20.3 cm) length legs with 3 red clamps and 1 blue clamp |
|-------|---|

| | |
|-------|--|
| 14013 | 4-10 in (25.4 cm) length legs with red, blue, yellow, and white clamps |
|-------|--|

10 per carton



14001

Male luer on single inlet leg with 4 legs

| | |
|-------|--|
| 14014 | 4-10 in (25.4 cm) length legs with 3 red clamps and 1 blue clamp |
|-------|--|

10 per carton

15 in (38.1 cm) overall length

Female luer on single inlet leg with 4 legs

| | |
|-------|---|
| 14000 | 1-3 in (7.6 cm) length leg with blue clamp 3-10 in (25.4 cm) length legs with red clamps |
|-------|---|

10 per carton

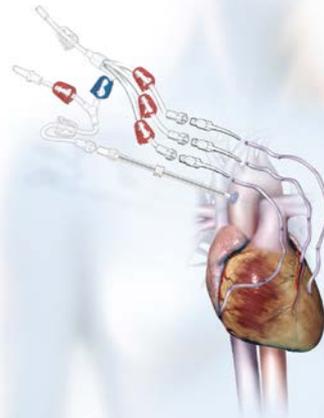
Female luer on single inlet leg with 4 legs and vent line

| | |
|-------|---|
| 14001 | 1-8 in (20.3 cm) length vented leg with red clamp on vent line 3-10 in (25.4 cm) length legs with red clamps |
|-------|---|

| | |
|-------|--|
| 14017 | 1-8 in (20.3 cm) length vented leg with stiff tubing and red clamp on vent line 3-10 in (25.4 cm) lengths stiff tubing and red clamps |
|-------|--|

| | |
|-------|---|
| 14031 | 1-12 in (30.5 cm) length vented leg with yellow clamp on vent line 3-10 in (25.4 cm) length legs with red clamps |
|-------|---|

10 per carton



Important Safety Information

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DLP™ Multiple Perfusion Sets

These products allow for simultaneous perfusion of the aortic root and up to three or more vein grafts. They feature inlet ports with male or female luers and clamps attached to an adapter that splits into four or more legs. These legs have color coded clamps for easy identification and terminate with male luers.



14007

15 in (38.1 cm) overall length

Female luer on single inlet leg with 4 legs and 3 free flow vessel cannulae (model 30003)

| | |
|-------|---|
| 14007 | 1-3 in (7.6 cm) length leg with blue clamp |
| | 3-10 in (25.4 cm) length legs with red clamps |

10 per carton

Female luer on single inlet leg with 4 legs and 3 one-way valve vessel cannulae (model 30001)

| | |
|-------|---|
| 14008 | 1-3 in (7.6 cm) length leg with blue clamp |
| | 3-10 in (25.4 cm) length legs with red clamps |

10 per carton

Female luer on single inlet leg with 6 legs

| | |
|-------|---|
| 14006 | 1-3 in (7.6 cm) length leg with blue clamp |
| | 5-10 in (25.4 cm) length legs with red clamps |

10 per carton



14006

Important Safety Information

For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

**SUCTION CIRCUIT
AND SURGICAL
ACCESSORIES
SURGICAL SUPPORT
CARDIO-KITS
AND PACKS**



FIND YOUR IDEAL **SUCTION CIRCUIT**

We offer suction products that are designed to provide either fine or gross suction to ensure a clear and dry surgical field. The Medtronic hand-held cardiac suction tubes are designed for fine suction, while our intracardiac suction tubes and sumps are intended to provide suction within and around the heart. The Medtronic left heart vent catheters are designed for indirect and direct venting of the left ventricle and feature perforated tips. These vents are offered in different lengths, introducer styles, and in both silicone and PVC body construction. Our product breadth ensures the availability of a cannula to meet your specific needs.

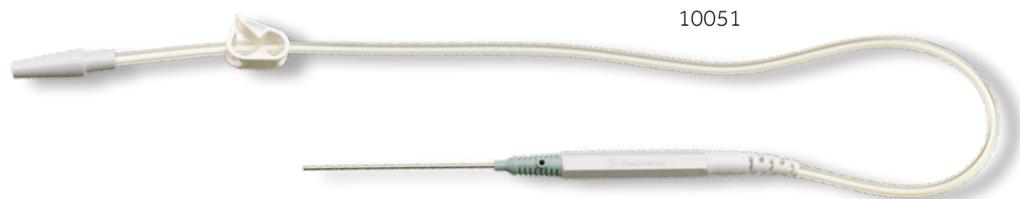


SUCTION CIRCUIT

| | |
|---|----|
| DLP™ Cardiac Suction Tubes | 73 |
| DLP™ Intracardiac Suction Tube | 73 |
| DLP™ Rigid Suction Tubes | 74 |
| DLP™ Pericardial Sumps | 75 |
| DLP™ Pericardial / Intracardiac Sumps | 75 |
| DLP™ Intracardiac Sumps | 75 |
| DLP™ Pulmonary Artery Vent Cannula | 76 |
| DLP™ Aortic Air Aspirating Needle | 76 |
| DLP™ Left Heart Vent Catheters | 77 |

DLP™ Cardiac Suction Tubes

These suction tubes feature comfortable hand grips with a vacuum control port. The tip shaft is made from a malleable stainless steel shaft which allows the surgeon to shape to a desired preference. Models are available with or without a soft silicone tip. All suction tubes are equipped with a length of tubing and clamp terminating with a 1/4 in (0.64 cm) connector.



Frazier tip



Soft tip



3 in (7.6 cm)

approx. shaft and tip length

Frazier tip

| | |
|-------|---------------------|
| 10051 | 6 Fr (2.0 mm) shaft |
|-------|---------------------|

Soft tip

| | |
|-------|--|
| 10053 | 6 Fr (2.0 mm) shaft with 10 Fr (3.3 mm) tip |
|-------|--|

20 per carton

4.25 in (10.8 cm)

approx. shaft and tip length

Frazier tip

| | |
|-------|----------------------|
| 10054 | 10 Fr (3.3 mm) shaft |
|-------|----------------------|

20 per carton

6 in (15.2 cm)

approx. shaft and tip length

Frazier tip

| | |
|-------|---------------------|
| 10050 | 6 Fr (2.0 mm) shaft |
|-------|---------------------|

Soft tip

| | |
|-------|--|
| 10052 | 6 Fr (2.0 mm) shaft with 10 Fr (3.3 mm) tip |
|-------|--|

20 per carton

DLP™ Intracardiac Suction Tube

This suction tube features a comfortable hand grip. The tip shaft is made from a malleable stainless steel shaft which allows the surgeon to shape to a desired preference. The DLP Intracardiac Suction device offers a perforated pool tip to minimize the possibility of tissue occlusion while maintaining an opportunity for drainage. This suction tube is equipped with a length of tubing terminating with a 1/4 in (0.64 cm) connector.



6 in (15.2 cm) overall length

Perforated pool tip

| | |
|-------|---|
| 10060 | 10 Fr (3.3 mm) shaft with 20 Fr (6.7 mm) tip (28 holes in tip) |
|-------|---|

20 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

6 pirkimo dalis. Koronariniai siurbliai. Koronarinis siurblys suaugusiems, rankinis, kietas, kampinis (30o)

DLP™ Rigid Suction Tubes

These suction tubes feature a comfortable hand grip. The tip shaft is made from rigid stainless steel. The Macro Sucker offers a fluted pool tip to minimize the possibility of tissue occlusion while maintaining an opportunity for drainage. The Mini Sucker has a soft, vented tip designed to clear blood from the surgical site with gentle suction.



griovėtu galu su 1/4" konektoriumi, standartinis 20F.

6 in (15.2 cm)

approx. shaft and tip length

Macro Sucker

10061

20 Fr (6.7 mm) tip with 16 Fr (5.3 mm) shaft

20 per carton



4.75 in (12.1 cm)

approx. shaft and tip length

Mini Sucker

10062

9 Fr (3.0 mm) tip with 11 Fr (3.7 mm) shaft

20 per carton



Important Safety Information

Neither the Model 10061 nor Model 10062 should be placed through the mitral valve. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Pericardial Sumps

These sumps feature a fluted tip that is encased in a stainless steel spring and has a weight at the end. This tip is attached to soft flexible tubing terminating in a connector. The sumps are available in a variety of sizes.



15 in (38.1 cm) overall length

Weighted tip

| | |
|-------|---|
| 12010 | 20 Fr (6.7 mm) ¼ in (0.64 cm) connector |
|-------|---|

| | |
|-------|---|
| 12011 | 20 Fr (6.7 mm) ½ in (0.32 cm) connector |
|-------|---|

20 per carton

DLP™ Pericardial/Intracardiac Sumps

This sump features a weighted perforated pool tip to minimize the possibility of tissue occlusion while maintaining an opportunity for drainage. The perforated tip is attached to tubing that terminates with a 1/4 in (0.64 cm) connector.



15 in (38.1 cm) overall length

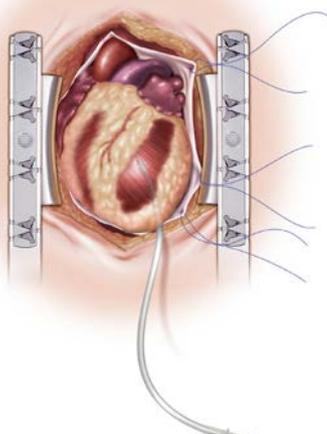
Weighted tip

| | |
|-------|----------------|
| 12112 | 20 Fr (6.7 mm) |
|-------|----------------|

20 per carton

DLP™ Intracardiac Sumps

These sumps feature a perforated pool tip to minimize the possibility of tissue occlusion while maintaining an opportunity for drainage. These sumps are available in pediatric and adult sizes. The perforated tip is attached to tubing that terminates with a 1/4 in (0.64 cm) connector.



12 in (30.5 cm) overall length

| | |
|-------|----------------------------------|
| 12013 | 12 Fr (4.0 mm) (10 holes in tip) |
|-------|----------------------------------|

20 per carton

15 in (38.1 cm) overall length

| | |
|-------|----------------------------------|
| 12012 | 20 Fr (6.7 mm) (28 holes in tip) |
|-------|----------------------------------|

20 per carton

Important Safety Information

The Pericardial Sumps (models 12010 and 12011) are not intended to be placed through a valve to drain a closed cardiac chamber. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Pulmonary Artery Vent Cannula

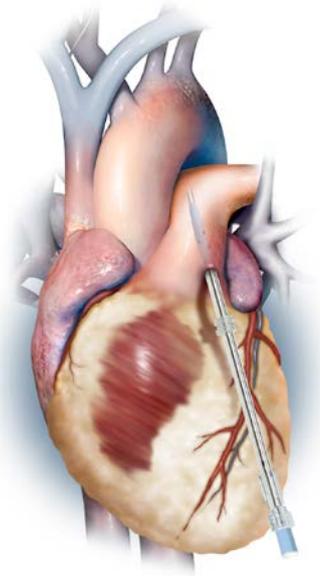
This cannula is used to empty the left atrium via the pulmonary vasculature. It features a soft, pliable tip and terminates with a female luer. An introducer needle is included for easy introduction and placement. A movable depth marker is included on the body of the cannula.



6 in (15.2 cm) overall length

| | |
|-------|----------------------------------|
| 12004 | 16 Fr (5.3 mm) (12 holes in tip) |
|-------|----------------------------------|

20 per carton



DLP™ Aortic Air Aspirating Needle

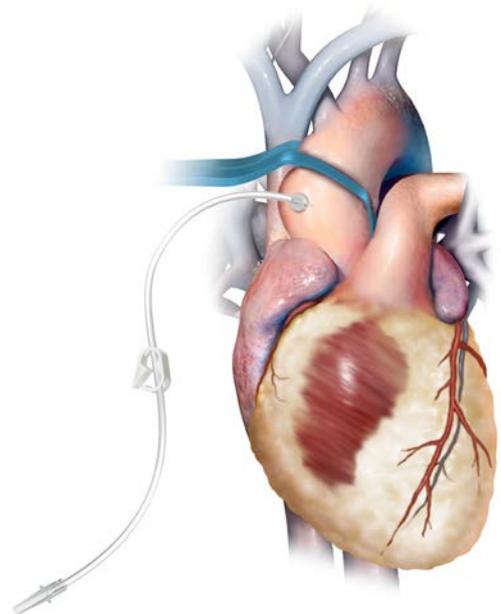
This needle features a stainless steel needle with two side slots and flange. The needle is attached to soft, flexible tubing with a clamp and terminates with a 1/4 in (0.64 cm) connector. This product is used for aspirating air from the ascending aorta.



11.5 in (29.2 cm) overall length

| | |
|-------|--------------|
| 12006 | 16 ga (5 Fr) |
|-------|--------------|

20 per carton



Important Safety Information

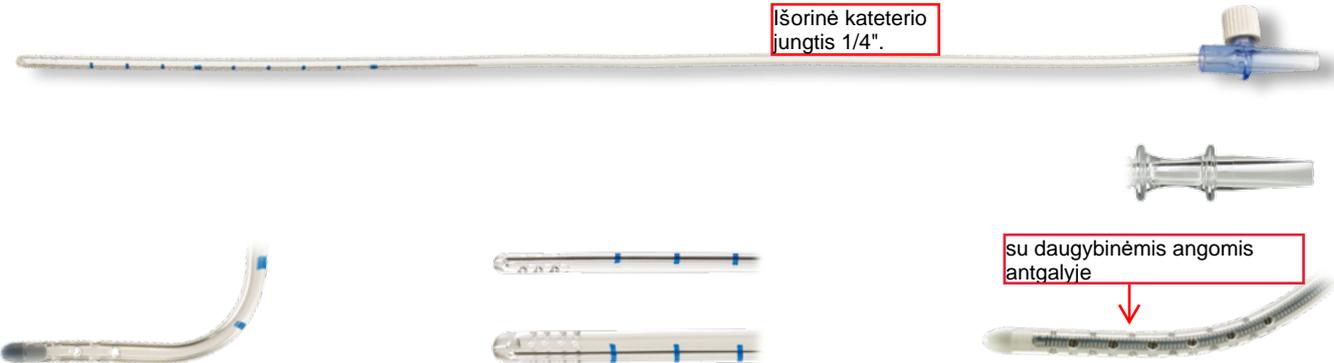
With DLP pulmonary artery vent cannulae, the degree of suction should be monitored to reduce the possibility of air embolism. Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

5 pirkimo dalis. Širdies drenavimo kateteriai. Silikoninis, kairiojo skilvelio drenavimo kateteris su daugybinėmis angomis antgalyje bei lanksčiu pravedikliu spindyje (ištraukiamas). Žymos ant kateterio įvedimo gylio nustatymui.

DLP™ Left Heart Vent Catheters

These vent catheters are for direct and indirect venting of the left ventricle and feature perforated tips. A choice of either PVC or silicone is available, along with straight, preformed, or malleable bodies with depth markings. These vents are available in pediatric and adult sizes. Straight body models come with a malleable or stiff guidewire style introducer for easy insertion and placement. All vent catheters terminate with a vented or non-vented 1/4 in (0.64 cm) connector.

Išorinė kateterio jungtis 1/4".



su daugybinėmis angomis antgalyje

PVC 13 in (33.0 cm) overall length

Preformed 1.5 in (3.8 cm) tip and vented connector

| | |
|-------|------------------------------------|
| 12008 | 10 Fr (3.3 mm) (8 holes in tip) |
|-------|------------------------------------|

20 per carton

Preformed 2 in (5.1 cm) tip and vented connector

| | |
|-------|-------------------------------------|
| 12001 | 13 Fr (4.3 mm) (14 holes in tip) |
|-------|-------------------------------------|

20 per carton

2 in (5.1 cm) tip, vented connector, and malleable introducer

| | |
|-------|-------------------------------------|
| 12101 | 13 Fr (4.3 mm) (14 holes in tip) |
|-------|-------------------------------------|

20 per carton

PVC 15 in (38.1 cm) overall length

Malleable body and vented connector

| | |
|-------|------------------------------------|
| 12110 | 10 Fr (3.3 mm) (9 holes in tip) |
|-------|------------------------------------|

| | |
|-------|------------------------------------|
| 12113 | 13 Fr (4.3 mm) (9 holes in tip) |
|-------|------------------------------------|

| | |
|-------|-------------------------------------|
| 12115 | 15 Fr (5.0 mm) (20 holes in tip) |
|-------|-------------------------------------|

20 per carton



PVC 15 in (38.1 cm) overall length

Malleable body and non-vented connector

| | |
|-------|-------------------------------------|
| 12116 | 16 Fr (5.3 mm) (11 holes in tip) |
|-------|-------------------------------------|

| | |
|-------|-------------------------------------|
| 12118 | 18 Fr (6.0 mm) (11 holes in tip) |
|-------|-------------------------------------|

20 per carton

Silicone 16 in (40.6 cm) overall length

Non-vented connector and malleable introducer

| | |
|-------|-------------------------------------|
| 12016 | 16 Fr (5.3 mm) (20 holes in tip) |
|-------|-------------------------------------|

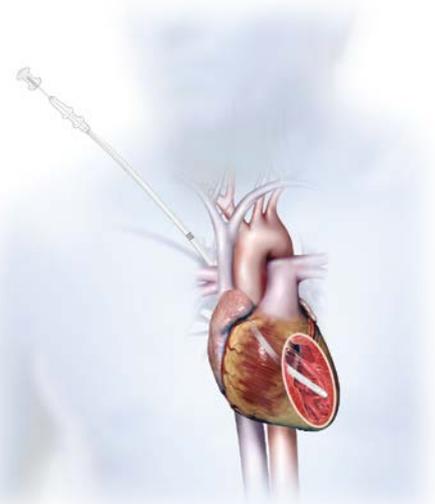
| | |
|-------|-------------------------------------|
| 12002 | 20 Fr (6.7 mm) (24 holes in tip) |
|-------|-------------------------------------|

Non-vented connector and preformed introducer

| | |
|-------|-------------------------------------|
| 12220 | 20 Fr (6.7 mm) (24 holes in tip) |
|-------|-------------------------------------|

20 per carton

Ilgis 40,6 cm. Kateterio dydis būti 20F.



Important Safety Information

The degree of suction should be monitored to reduce the possibility of air embolism and over-distention of the left ventricle. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

FIND YOUR IDEAL **SURGICAL SUPPORT**

Surgical support products are designed to provide time-saving techniques, ease of use, and to facilitate the remainder of the surgical procedure. We offer a wide range of products to ensure that your specific needs are met.

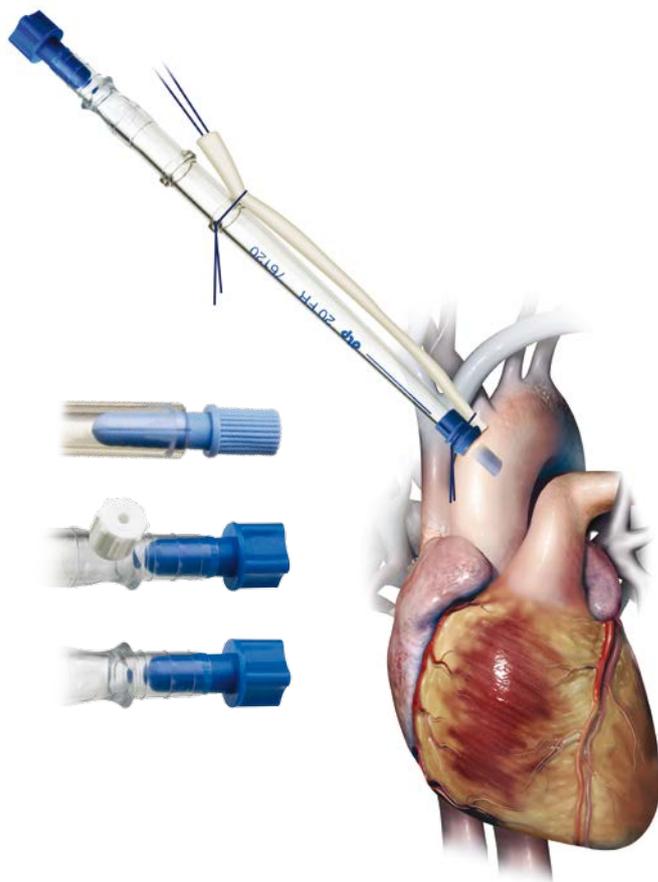


SURGICAL SUPPORT

| | |
|--|----|
| DLP™ Arterial Vent Plugs | 81 |
| DLP™ Electro-Surgical Knife Cleaner | 81 |
| DLP™ Tourniquet Sets | 82 |
| TourniKwik™ Tourniquet Sets | 83 |
| Sure-Snare™ Tourniquet Sets | 83 |
| DLP™ Vessel Cannulae | 84 |
| DLP™ I.M.A. Cannula | 84 |
| DLP™ Arteriotomy Cannulae | 85 |
| DLP™ Pressure Sensing Syringes | 85 |
| DLP™ Phrenic Nerve Pads | 86 |
| DLP™ Cardiac Insulator | 86 |
| DLP™ Cardiac Sling | 87 |
| DLP™ Coronary Artery Retraction Clips..... | 87 |
| DLP™ Left Atrial Pressure Monitoring Catheter Placement Sets | 88 |
| DLP™ IV-Decanters | 89 |
| DLP™ Rapid Prime Sets | 89 |
| Pressure Display Box..... | 90 |
| DLP™ Disposable Pressure Display Sets | 90 |

DLP™ Arterial Vent Plugs

These plugs are designed to fit into the connection site and/or connectors found on the arterial cannulae listed in this catalog. A slotted vent plug is designed for use with cannulae without connectors, while the porous vent plug is designed to work with cannulae with connectors.



Slotted plugs

| | |
|-------|----------------|
| 79001 | ¼ in (0.64 cm) |
| 79002 | ⅜ in (0.95 cm) |

40 per carton



Porous plugs

| | |
|-------|----------------|
| 79000 | ⅜ in (0.95 cm) |
|-------|----------------|

40 per carton

DLP™ Electro-Surgical Knife Cleaner

This device keeps electro-surgical knife blades clean with a quick swipe. It features a stainless steel spring attached to a plastic base, which has a self-adhesive pad. This allows the device to be placed at the most convenient site for the surgeon.



2.5 in (6.4 cm) overall length

60001

40 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

DLP™ Tourniquet Sets

These tourniquet sets consist of color coded tubes in varying lengths and color combinations. They are available for pediatric and adult uses. Wire snares are included with the tube sets.

Standard sets

Tube length of 4 in (10.2 cm) and 6 in (15.2 cm)

| | |
|-------|---|
| 79016 | 12 Fr [3 - 4 in (10.2 cm) bronze, 3 - 6 in (15.2 cm) bronze, 2 - snares] |
|-------|---|

40 sets per carton



Tube length of 5.5 in (14.0 cm)

| | |
|-------|---|
| 79003 | 12 Fr (1 - red, 2 - blue, 3 - clear, 1 - snare) |
|-------|---|

| | |
|-------|--|
| 79015 | 12 Fr (1 - red, 2 - blue, 5 - clear, 2 - snares) |
|-------|--|

40 sets per carton



Tube length of 7 in (17.8 cm)

| | |
|-------|--------------------------------------|
| 79004 | 12 Fr (1 - red, 1 - blue, 1 - snare) |
|-------|--------------------------------------|

| | |
|-------|---|
| 79006 | 12 Fr (1 - red, 1 - blue, 3 - clear, 1 - snare) |
|-------|---|

| | |
|-------|---|
| 79019 | 12 Fr (1 - white radiopaque, 1 - looped snare) |
|-------|---|

40 sets per carton



| | |
|-------|--|
| 79022 | 12 Fr (6 - small O.D. white radiopaque, 1 - snare) |
|-------|--|

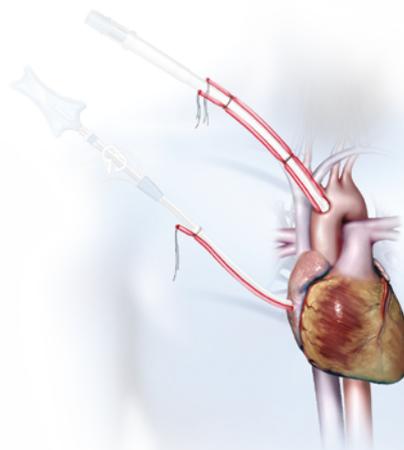
| | |
|-------|--|
| 79023 | 19 Fr (3 - large O.D. white radiopaque, 1 - snare) |
|-------|--|

20 sets per carton

| | |
|-------|---|
| 79026 | 12 Fr (2 - red, 2 - blue, 2 - clear) and 16 Fr (2 - large O.D. clear, 1 - snare) |
|-------|---|

| | |
|-------|--------------------------------------|
| 79027 | 12 Fr (2 - red, 1 - blue, 1 - snare) |
|-------|--------------------------------------|

40 sets per carton



Vena Cava sets

Tube length of 7 in (17.8 cm)

| | |
|-------|------------------------------|
| 79005 | 12 Fr (3 - clear, 1 - snare) |
|-------|------------------------------|

| | |
|-------|------------------------------|
| 79009 | 12 Fr (4 - clear, 1 - snare) |
|-------|------------------------------|

40 sets per carton



Important Safety Information

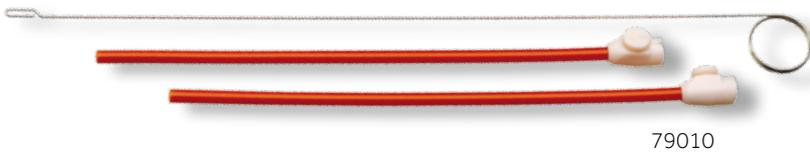
Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

TourniKwik™ Tourniquet Sets

These tourniquet sets consist of bronze colored tubes in varying lengths that have a quick tie cap attached to one end. These caps eliminate the use of clamps by wrapping the suture string around the cap. Wire snares are included with each set of tubes.

| Tube length of 6 in (15.2 cm) | |
|-------------------------------|------------------------------|
| 79010 | 12 Fr (2 - tubes, 1 - snare) |
| 79011 | 12 Fr (4 - tubes, 1 - snare) |
| 40 sets per carton | |

| Tube length of 7.5 in (19.1 cm) | |
|---------------------------------|------------------------------|
| 79012 | 12 Fr (2 - tubes, 1 - snare) |
| 79013 | 12 Fr (4 - tubes, 1 - snare) |
| 40 sets per carton | |



Sure-Snare™ Tourniquet Sets

These tourniquet sets consist of bronze colored tubes in varying lengths that have a plug attached to one end. These plugs eliminate the use of clamps by pushing the plug into the tube end where the suture string exits.

| Tube length of 5 in (12.7 cm) | |
|-------------------------------|--|
| 79020 | 22 Fr (2 - tubes, 2 - umbilical tapes, 2 - plastic snares) |
| 20 sets per carton | |



| Tube length of 7.5 in (19.1 cm) | |
|---------------------------------|-----------------------------------|
| 79008 | 12 Fr (2 - tubes, 1 - wire snare) |
| 20 sets per carton | |



Important Safety Information

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DLP™ Vessel Cannulae

These cannulae feature clear and radiopaque bodies and are available with or without a one-way valve. All the cannulae terminate with a female luer and have tips in various sizes and shapes.

8 pirkimo dalis. Kraujagyslinė kaniulė. Permatoma, plastikinė kaniulė, diametras 2 mm., kūgio formos galas. Kaniulės jungtis - Luer tipo.



2 in (5.1 cm) overall length

| Clear body | |
|--------------|--|
| 30003 | 3 mm blunt tip |
| 30004 | 2 mm blunt tip diametras 2 mm. kūgio formos galas |
| 30005 | 4 mm acorn tip |
| 30007 | 3 mm beveled tip |

40 per carton

2 in (5.1 cm) overall length

| Clear body with radiopaque band | |
|---------------------------------|----------------|
| 30022 | 3 mm blunt tip |

20 per carton

2 in (5.1 cm) overall length

| Radiopaque body | |
|-----------------|------------------|
| 30006 | 3 mm beveled tip |
| 30023 | 3 mm blunt tip |

40 per carton



2.5 in (6.4 cm) overall length

| Clear body with one-way valve | |
|-------------------------------|------------------|
| 30000 | 3 mm beveled tip |
| 30001 | 3 mm blunt tip |

40 per carton

2.5 in (6.4 cm) overall length

| Radiopaque body with one-way valve | |
|------------------------------------|----------------|
| 30021 | 3 mm blunt tip |

40 per carton

DLP™ I.M.A. Cannula

This cannula features a stainless steel shaft with a bulb-shaped tip terminating with a female luer.

1.8 in (4.6 cm) overall length

| | |
|-------|----------|
| 31001 | 1 mm tip |
|-------|----------|

20 per carton



Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Arteriotomy Cannulae

These cannulae feature a polyurethane tube with a bulb-shaped radiopaque tip connected to a winged female luer.

1.3 in (3.3 cm) overall length

| | |
|----------------------|----------|
| 31002 | 2 mm tip |
| 31003 | 3 mm tip |
| <i>20 per carton</i> | |

2.3 in (5.8 cm) overall length

| | |
|----------------------|----------|
| 31102 | 2 mm tip |
| 31103 | 3 mm tip |
| 31104 | 4 mm tip |
| 31105 | 5 mm tip |
| 31106 | 6 mm tip |
| <i>20 per carton</i> | |

6.3 in (16.0 cm) overall length

| | |
|----------------------|----------|
| 31202 | 2 mm tip |
| 31203 | 3 mm tip |
| 31204 | 4 mm tip |
| <i>20 per carton</i> | |



DLP™ Pressure Sensing Syringes

These syringes have a predetermined pressure setting and a 30 cc volume. The plungers give tactile feedback upon reaching the predetermined pressure. All syringes have a male luer at the tip.



Pre-set pressure point

| | |
|----------------------|----------|
| 65000 | 240 mmHg |
| 65125 | 125 mmHg |
| <i>10 per carton</i> | |

Important Safety Information

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DLP™ Phrenic Nerve Pads

These pads are designed to help protect the phrenic nerve from the extreme cold during surgery. They are made of a closed-cell foam and contain slots. These slots can hold a pericardial sump in place. A radiopaque marker is tied to the pad.

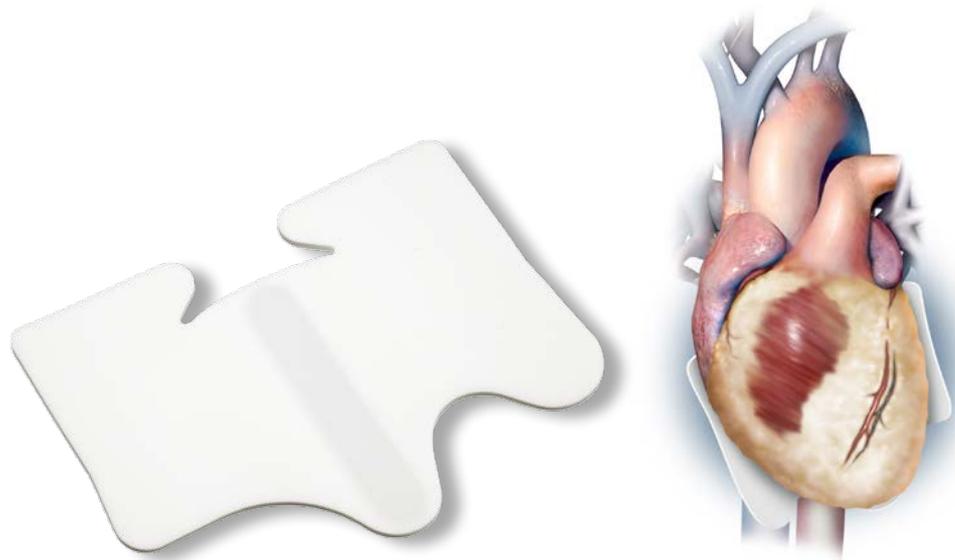
| | |
|----------------------|--------|
| 38002 | Medium |
| 38003 | Large |
| <i>10 per carton</i> | |



DLP™ Cardiac Insulator

This insulator is designed to protect the heart against heat transfer. This product features a malleable closed-cell foam that conforms to the desired shape.

| | |
|----------------------|--------|
| 38202 | Medium |
| <i>10 per carton</i> | |



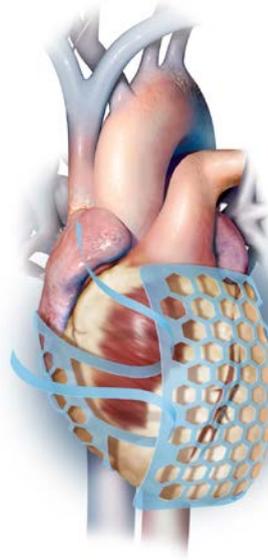
Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ Cardiac Sling

This sling is designed to support the heart and improve exposure. It reduces the need for additional assistants during the anastomosis of the circumflex vessels.

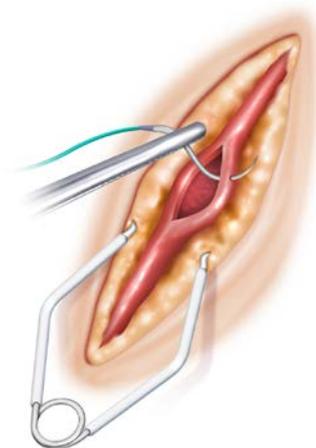
| | |
|---------------|---------------|
| 39000 | Cardiac Sling |
| 10 per carton | |



DLP™ Coronary Artery Retraction Clips

These clips are designed to help improve exposure to a coronary anastomosis site. Small prongs grab and gently hold tissue away from the vessel to improve vision.

| | |
|---------------|---------------------|
| 16130 | 3.0 mm prong length |
| 16150 | 5.0 mm prong length |
| 10 per carton | |



Important Safety Information

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DLP™ Left Atrial Pressure Monitoring Catheter Placement Sets

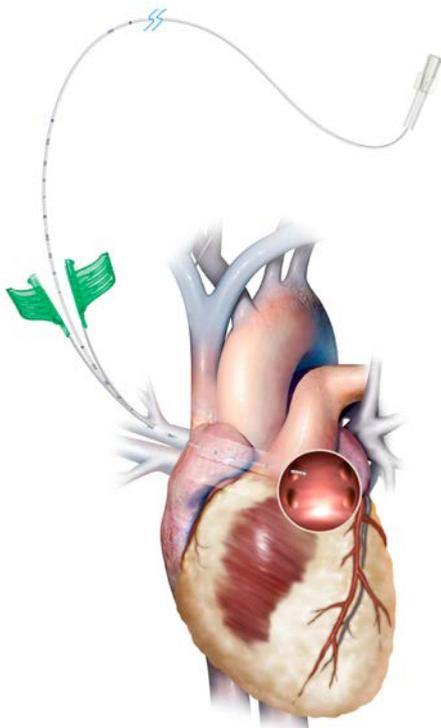
These sets are an ideal option for measuring cardiac performance postoperatively. The catheters measure left atrial pressure in real time to accurately display critical pre-load pressures of the left heart. The catheter tubing has depth markings and is attached to a female luer. There is a self adhesive anchoring collar for securing the catheter at the desired location.



24 in (61.0 cm) overall length

| | |
|-------|---|
| 50010 | 3 Fr (1.0 mm) catheter with 2 - 17 ga peel away needles |
| 50011 | 5 Fr (1.7 mm) catheter with 2 - 14 ga peel away needles |

10 per carton



Catheter models 50010 and 50011 are inserted through the chest wall and into the right superior pulmonary vein using two peel away needles. The peel away needles permit catheter insertion through the chest wall and pulmonary vein without utilizing an integral introducer.

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.

DLP™ IV-Decanters

These decanters include several features to facilitate aseptic decanting of fluids from intravenous containers. They include large bore spikes attached to rigid or flexible tubing. Some decanters have clamps, thereby eliminating spillage and reducing contamination.



8.5 in (21.6 cm) overall length

| | |
|---------------|---------------------------|
| 40040 | Flexible tubing and clamp |
| 40045 | Rigid tubing |
| 20 per carton | |

DLP™ Rapid Prime Sets

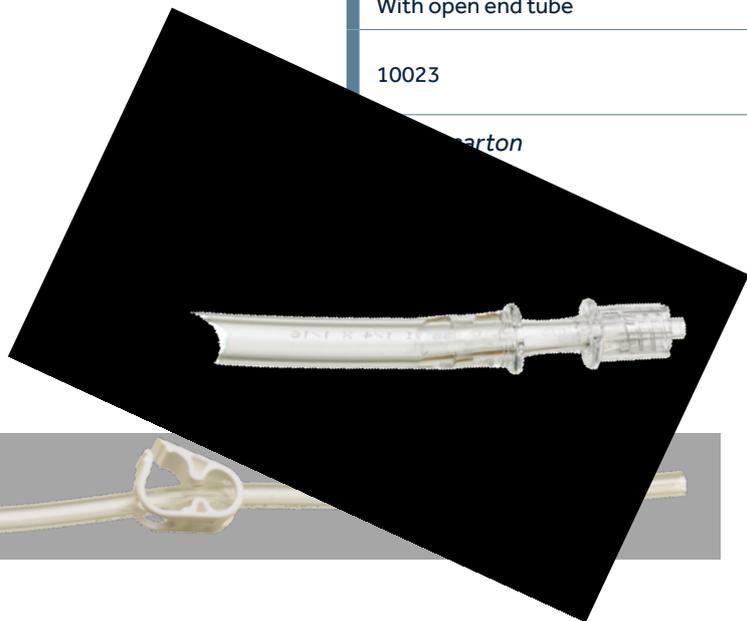
These sets facilitate the transfer of fluids during the priming of the circuit. They feature large bore spikes attached to flexible tubing with a clamp and terminate with either an open end tube or a male luer.

14 in (35.6 cm) overall length

| |
|----------------|
| With male luer |
| 10021 |
| 10 per carton |

16 in (40.6 cm) overall length

| |
|--------------------|
| With open end tube |
| 10023 |
| 10 per carton |



Important Safety Information

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Pressure Display Box

The Pressure Display Box is ideal for monitoring line pressures in the extracorporeal and cardioplegia delivery circuits along with a variety of other sites where real time pressure readouts are critical.

Features include:

- Large easy-to-read display
- Variable alarm settings (high or low)
- Protective guards on switches
- Readouts in systolic, diastolic, or mean pressures
- Zero functions
- Compact size
- Pole mount clamp
- Battery operated
- Integral alarm with warning light and mute switch
- Uses disposable Pressure Display Sets



66000

1 per carton

DLP™ Disposable Pressure Display Sets

These display sets are for use with the Pressure Display Boxes. They feature a silicone diaphragm inside a plastic dome with a stopcock that attaches to the transducer fitting on the Pressure Display Box. This dome is attached to a coil of tubing that terminates with either a male luer or a stopcock for convenient handling.



45 in (1.14 m) overall length

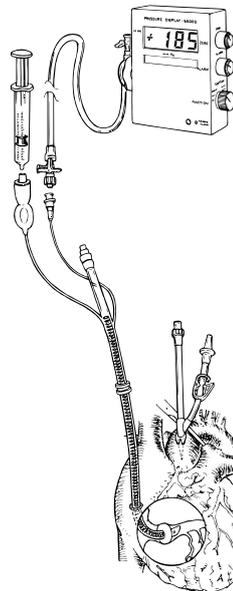
| | |
|-------|-----------|
| 61000 | Stopcock |
| 62000 | Male luer |

10 per carton

72 in (1.83 m) overall length

| | |
|-------|-----------|
| 61006 | Stopcock |
| 62006 | Male luer |

5 per carton



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FIND YOUR IDEAL **CARDIO-KITS AND PACKS**

The Medtronic Cardio-Kit is designed for you. Medtronic understands that each surgeon and cardiopulmonary circuit are unique, and we offer you the ability to customize a Cardio-Kit of Medtronic Cannulae to your specifications. The Cardio-Kit provides simplified packaging, procedure efficiency, and a streamlined ordering process designed to meet your specific needs.



CARDIO-KITS AND PACKS

DLP™ Cardio-Kits **93**

DLP™ Cardioplegia Pack **93**

DLP™ Cardio-Kits

Instead of ordering all your products separately, have a custom kit made specifically for you. Medtronic Cardio-Kits contain invaluable tools for surgeons, nurses, and purchasing teams.

Built to Your Specification

This enables the surgical team to choose the Medtronic DLP Cannulae they prefer.

Simplified Packaging

Keeps products neatly organized and reduces unnecessary waste of multiple product pouches.

Easy to Order

Instead of ordering multiple product codes separately, only one code is ordered and stocked.

Easy to Use

All Medtronic DLP products are placed on the surgical field at one time and ready to use.

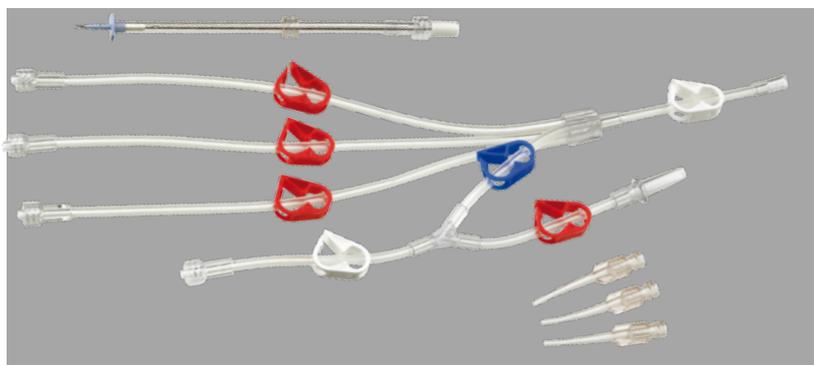
Personalized Tray and Label

The products you need are in one package with a label that we'll personalize with the surgeon's name, procedure being performed, or other title of your choice.

Five kits/packs per carton



DLP™ Cardioplegia Pack



Pack Information

11440

1 each 10014 DLP Aortic Root Cannula

1 each 14001 DLP Multiple Perfusion Set

3 each 30003 DLP Vessel Cannulae

10 per carton

Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

APPENDIX

PRODUCTS APPENDIX





Product Code Index

| | | |
|---------|--|----|
| 4948 | Soft-Flow™ Extended Arterial Cannulae, 21 Fr (7.0 mm)..... | 3 |
| 4949 | Soft-Flow™ Extended Arterial Cannulae, 21 Fr (7.0 mm)..... | 3 |
| 4950 | Soft-Flow™ Extended Arterial Cannulae, 24 Fr (8.0 mm) | 3 |
| 4951 | Soft-Flow™ Extended Arterial Cannulae, 24 Fr (8.0 mm) | 3 |
| 5761 | Soft-Flow™ Angled Arterial Cannulae, 21 Fr (7.0 mm) | 4 |
| 5762 | Soft-Flow™ Angled Arterial Cannulae, 24 Fr (8.0 mm) | 4 |
| 5767 | Soft-Flow™ Angled Arterial Cannulae, 21 Fr (7.0 mm) | 4 |
| 5768 | Soft-Flow™ Angled Arterial Cannulae, 24 Fr (8.0 mm) | 4 |
| 5798 | Soft-Flow™ Straight Arterial Cannulae, 21 Fr (7.0 mm) | 3 |
| 5841 | Soft-Flow™ Straight Arterial Cannulae, 24 Fr (8.0 mm)..... | 3 |
| 5842 | Soft-Flow™ Straight Arterial Cannulae, 21 Fr (7.0 mm) | 3 |
| 5843 | Soft-Flow™ Straight Arterial Cannulae, 24 Fr (8.0 mm)..... | 3 |
| 6384 | Soft-Flow™ Angled Arterial Cannulae, 24 Fr (8.0 mm) | 4 |
| 6386 | Soft-Flow™ Angled Arterial Cannulae, 24 Fr (8.0 mm) | 4 |
| 6392 | Soft-Flow™ Angled Arterial Cannulae, 21 Fr (7.0 mm) | 4 |
| 6394 | Soft-Flow™ Angled Arterial Cannulae, 21 Fr (7.0 mm) | 4 |
| 7071 | Soft-Flow™ Angled Arterial Cannulae, 18 Fr (6.0 mm) | 4 |
| 7072 | Soft-Flow™ Angled Arterial Cannulae, 18 Fr (6.0 mm)..... | 4 |
| 7080 | Soft-Flow™ Angled Arterial Cannulae, 18 Fr (6.0 mm)..... | 4 |
| 10001 | DLPTM™ Straight Venting Adapters | 62 |
| 10001K | DLPTM™ Straight Venting Adapters | 62 |
| 10003 | DLPTM™ “Y” Type Recirculating Adapters | 63 |
| 10003OS | DLPTM™ “Y” Type Recirculating Adapters | 63 |
| 10003S | DLPTM™ “Y” Type Recirculating Adapters | 63 |
| 10004 | DLPTM™ “Y” Type Coronary Perfusion Adapters | 63 |
| 10004C | DLPTM™ “Y” Type Coronary Perfusion Adapters | 63 |
| 10004D | DLPTM™ “Y” Type Coronary Perfusion Adapters | 63 |
| 10005 | DLPTM™ “Y” Type Venting Adapters..... | 62 |
| 10005BH | DLPTM™ “Y” Type Adapters..... | 64 |
| 10005OS | DLPTM™ “Y” Type Adapters..... | 64 |
| 10005S | DLPTM™ “Y” Type Special Adapters..... | 64 |
| 10007 | DLPTM™ Perfusion Adapters, 1/4 in (0.64 cm) barbed connector | 61 |
| 10008 | DLPTM™ Perfusion Adapters, 3/8 in (0.95 cm) barbed connector | 61 |
| 10009 | DLPTM™ Aortic Root Cannulae, 9 ga (11 Fr)..... | 44 |
| 10010 | DLPTM™ Vein Graft Cannula..... | 65 |
| 10012 | DLPTM™ Aortic Root Cannulae, 12 ga (9 Fr)..... | 44 |
| 10014 | DLPTM™ Aortic Root Cannulae, 14 ga (7 Fr)..... | 44 |
| 10016 | DLPTM™ Aortic Root Cannulae, 16 ga (5 Fr)..... | 44 |
| 10018 | DLPTM™ Aortic Root Cannulae, 18 ga (4 Fr)..... | 44 |
| 10021 | DLPTM™ Rapid Prime Sets | 89 |
| 10022 | DLPTM™ Perfusion Adapters, 1/4 in (0.64 cm) barbed connector | 61 |
| 10023 | DLPTM™ Rapid Prime Sets | 89 |
| 10050 | DLPTM™ Cardiac Suction Tubes, 6 Fr (2.0 mm) | 73 |

| | | |
|---------|---|----|
| 10051 | DLPT™ Cardiac Suction Tubes, 6 Fr (2.0 mm) | 73 |
| 10052 | DLPT™ Cardiac Suction Tubes, 6 Fr (2.0 mm) | 73 |
| 10053 | DLPT™ Cardiac Suction Tubes, 6 Fr (2.0 mm) | 73 |
| 10054 | DLPT™ Cardiac Suction Tubes, 10 Fr (3.3 mm) | 73 |
| 10060 | DLPT™ Intracardiac Suction Tube, 10 Fr (3.3 mm) | 73 |
| 10061 | DLPT™ Rigid Suction Tubes, Macro Sucker, 20 Fr (6.7 mm) | 74 |
| 10062 | DLPT™ Rigid Suction Tubes, Mini Sucker, 9 Fr (3.0 mm)..... | 74 |
| 10112 | DLPT™ Aortic Root Cannulae, 12 ga (9 Fr)..... | 44 |
| 10112WF | DLPT™ Aortic Root Cannulae, 12 ga (9 Fr)..... | 44 |
| 10114 | DLPT™ Aortic Root Cannulae, 14 ga (7 Fr)..... | 44 |
| 10114B | DLPT™ Aortic Root Cannulae, 14 ga (7 Fr)..... | 44 |
| 10114WF | DLPT™ Aortic Root Cannulae, 14 ga (7 Fr)..... | 44 |
| 10218 | DLPT™ Aortic Root Cannulae, 18 ga (4 Fr)..... | 44 |
| 10313 | DLPT™ Cardioplegia Needles, 13 ga (8 Fr) | 46 |
| 10533 | DLPT™ “Y” Type Venting Adapters..... | 62 |
| 10534 | DLPT™ “Y” Type Venting Adapters..... | 62 |
| 10700 | DLPT™ “Y” Type Coronary Perfusion Adapters | 63 |
| 10706 | DLPT™ “Y” Type Coronary Perfusion Adapters | 63 |
| 10710 | DLPT™ “Y” Type Coronary Perfusion Adapters | 63 |
| 11001 | DLPT™ Extension Line Adapters, 10 in (25.4 cm) length | 62 |
| 11001G | DLPT™ Extension Line Adapters, 20 in (50.8 cm) length | 62 |
| 11012 | DLPT™ Aortic Root Cannulae, 12 ga (9 Fr)..... | 44 |
| 11012L | MiART™ Cannulae, 12 ga (9 Fr) | 43 |
| 11014 | DLPT™ Aortic Root Cannulae, 14 ga (7 Fr)..... | 44 |
| 11014L | MiART™ Cannulae, 14 ga (7 Fr) | 43 |
| 11316 | DLPT™ Cardioplegia Needles, 16 ga (5 Fr)..... | 46 |
| 11440 | DLPT™ Cardioplegia Pack..... | 93 |
| 12001 | DLPT™ Left Heart Vent Catheters, 13 Fr (4.3 mm) | 77 |
| 12002 | DLPT™ Left Heart Vent Catheters, 20 Fr (6.7 mm) | 77 |
| 12004 | DLPT™ Pulmonary Artery Vent Cannulae, 16 Fr (5.3 mm) | 76 |
| 12006 | DLPT™ Aortic Air Aspirating Needle, 16 ga (5 Fr) | 76 |
| 12008 | DLPT™ Left Heart Vent Catheters, 10 Fr (3.3 mm) | 77 |
| 12010 | DLPT™ Pericardial Sumps, 1/4 in (0.64 cm) connector | 75 |
| 12011 | DLPT™ Pericardial Sumps, 1/8 in (0.32 cm) connector | 75 |
| 12012 | DLPT™ Intracardiac Sumps, 20 Fr (6.7 mm) | 75 |
| 12013 | DLPT™ Intracardiac Sumps, 12 Fr (4.0 mm) | 75 |
| 12016 | DLPT™ Left Heart Vent Catheters, 16 Fr (5.3 mm) | 77 |
| 12101 | DLPT™ Left Heart Vent Catheters, 13 Fr (4.3 mm) | 77 |
| 12110 | DLPT™ Left Heart Vent Catheters, 10 Fr (3.3 mm) | 77 |
| 12112 | DLPT™ Pericardial/Intracardiac Sumps, 20 Fr (4.0 mm) | 75 |
| 12113 | DLPT™ Left Heart Vent Catheters, 13 Fr (4.3 mm) | 77 |
| 12115 | DLPT™ Left Heart Vent Catheters, 15 Fr (5.0 mm) | 77 |
| 12116 | DLPT™ Left Heart Vent Catheters, 16 Fr (5.3 mm) | 77 |
| 12118 | DLPT™ Left Heart Vent Catheters, 18 Fr (6.0 mm) | 77 |
| 12218 | DLPT™ Aortic Root Cannulae, 18 ga (4 Fr)..... | 44 |

| | | |
|----------|--|----|
| 12220 | DLP™ Left Heart Vent Catheters, 20 Fr (6.7 mm) | 77 |
| 13000 | ARISS™ Perfusion Switches | 66 |
| 13001 | DLP™ Antegrade/Retrograde Adapter | 67 |
| 13002 | DLP™ Perfusion/Venting Adapter | 61 |
| 13003 | DLP™ Cardioplegia Management Set | 67 |
| 13004 | ARISS™ Perfusion Switches | 66 |
| 14000 | DLP™ Multiple Perfusion Sets | 68 |
| 14001 | DLP™ Multiple Perfusion Sets | 68 |
| 14002 | DLP™ Multiple Perfusion Sets | 68 |
| 14003 | DLP™ Multiple Perfusion Sets | 68 |
| 14006 | DLP™ Multiple Perfusion Sets | 69 |
| 14007 | DLP™ Multiple Perfusion Sets | 69 |
| 14008 | DLP™ Multiple Perfusion Sets | 69 |
| 14013 | DLP™ Multiple Perfusion Sets | 68 |
| 14014 | DLP™ Multiple Perfusion Sets | 68 |
| 14017 | DLP™ Multiple Perfusion Sets | 68 |
| 14031 | DLP™ Multiple Perfusion Sets | 68 |
| 15004 | DLP™ Cardioplegia Adapter with Pressure Port | 66 |
| 16130 | DLP™ Coronary Artery Retraction Clips | 87 |
| 16150 | DLP™ Coronary Artery Retraction Clips | 87 |
| 20009 | DLP™ Aortic Root Cannulae with Vent Line, 9 ga (11 Fr) | 45 |
| 20012 | DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 45 |
| 20012S | DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 45 |
| 20014 | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 20014L | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 20016 | DLP™ Aortic Root Cannulae with Vent Line, 16 ga (5 Fr) | 45 |
| 20112 | DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 45 |
| 20112B | DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 45 |
| 20114 | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 20114B | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 20114HWF | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 20114WF | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 21012 | DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 45 |
| 21014 | DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr) | 45 |
| 23009 | DLP™ Aortic Root Cannulae, 9 ga (11 Fr) | 44 |
| 24009 | DLP™ Aortic Root Cannulae with Vent Line, 9 ga (11 Fr) | 45 |
| 25009 | DLP™ Pressure Monitoring Extension Line Adapters | 62 |
| 25010 | DLP™ Pressure Monitoring Extension Line Adapters | 62 |
| 30000 | DLP™ Vessel Cannulae, 3 mm beveled tip | 84 |
| 30001 | DLP™ Vessel Cannulae, 3 mm blunt tip | 84 |
| 30003 | DLP™ Vessel Cannulae, 3 mm blunt tip | 84 |
| 30004 | DLP™ Vessel Cannulae, 2 mm blunt tip | 84 |
| 30005 | DLP™ Vessel Cannulae, 4 mm acorn tip | 84 |
| 30006 | DLP™ Vessel Cannulae, 3 mm beveled tip | 84 |
| 30007 | DLP™ Vessel Cannulae, 3 mm beveled tip | 84 |

| | | |
|-------|--|----|
| 30010 | DLPT™ Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm) | 47 |
| 30011 | DLPT™ Coronary Artery Ostial Cannulae | 47 |
| 30012 | DLPT™ Coronary Artery Ostial Cannulae, 12 Fr (4.0 mm) | 47 |
| 30014 | DLPT™ Coronary Artery Ostial Cannulae, 14 Fr (4.7 mm) | 47 |
| 30021 | DLPT™ Vessel Cannulae, 3 mm blunt tip | 84 |
| 30022 | DLPT™ Vessel Cannulae, 3 mm blunt tip | 84 |
| 30023 | DLPT™ Vessel Cannulae, 3 mm blunt tip | 84 |
| 30050 | DLPT™ Coronary Artery Ostial Cannulae | 47 |
| 30055 | DLPT™ Coronary Artery Ostial Cannulae | 47 |
| 30110 | DLPT™ High Flow Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm) | 48 |
| 30112 | DLPT™ High Flow Coronary Artery Ostial Cannulae, 12 Fr (4.0 mm) | 48 |
| 30114 | DLPT™ High Flow Coronary Artery Ostial Cannulae, 14 Fr (4.7 mm) | 48 |
| 30155 | DLPT™ High Flow Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm) | 48 |
| 30212 | DLPT™ High Flow Coronary Artery Ostial Cannulae, 12 Fr (4.0 mm) | 48 |
| 30255 | DLPT™ High Flow Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm) | 48 |
| 30315 | DLPT™ Silicone Coronary Artery Ostial Cannulae, 15 Fr (5.0 mm) | 46 |
| 30317 | DLPT™ Silicone Coronary Artery Ostial Cannulae, 17 Fr (5.7 mm) | 46 |
| 30320 | DLPT™ Silicone Coronary Artery Ostial Cannulae, 20 Fr (6.7 mm) | 46 |
| 30401 | DLPT™ Dual Lumen Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 43 |
| 30402 | DLPT™ Dual Lumen Aortic Root Cannulae with Vent Line, 12 ga (9 Fr) | 43 |
| 31001 | DLPT™ I.M.A. Cannulae, 1 mm tip | 84 |
| 31002 | DLPT™ Arteriotomy Cannulae, 2 mm tip | 85 |
| 31003 | DLPT™ Arteriotomy Cannulae, 3 mm tip | 85 |
| 31102 | DLPT™ Arteriotomy Cannulae, 2 mm tip | 85 |
| 31103 | DLPT™ Arteriotomy Cannulae, 3 mm tip | 85 |
| 31104 | DLPT™ Arteriotomy Cannulae, 4 mm tip | 85 |
| 31105 | DLPT™ Arteriotomy Cannulae, 5 mm tip | 85 |
| 31106 | DLPT™ Arteriotomy Cannulae, 6 mm tip | 85 |
| 31202 | DLPT™ Arteriotomy Cannulae, 2 mm tip | 85 |
| 31203 | DLPT™ Arteriotomy Cannulae, 3 mm tip | 85 |
| 31204 | DLPT™ Arteriotomy Cannulae, 4 mm tip | 85 |
| 38002 | DLPT™ Phrenic Nerve Pads | 86 |
| 38003 | DLPT™ Phrenic Nerve Pads | 86 |
| 38202 | DLPT™ Cardiac Insulator | 86 |
| 39000 | DLPT™ Cardiac Sling | 87 |
| 40040 | DLPT™ IV-Decanters | 89 |
| 40045 | DLPT™ IV-Decanters | 89 |
| 50010 | DLPT™ Left Atrial Pressure Monitoring Catheter Placement Sets, 3 Fr (1.0 mm) | 88 |
| 50011 | DLPT™ Left Atrial Pressure Monitoring Catheter Placement Sets, 5 Fr (1.7 mm) | 88 |
| 57414 | DLPT™ Femoral Arterial Cannulae, 14 Fr (4.7 mm) | 29 |
| 57417 | DLPT™ Femoral Arterial Cannulae, 17 Fr (5.7 mm) | 29 |
| 57421 | DLPT™ Femoral Arterial Cannulae, 21 Fr (7.0 mm) | 29 |
| 57517 | DLPT™ Femoral Arterial Cannulae, 17 Fr (5.7 mm) | 29 |
| 57521 | DLPT™ Femoral Arterial Cannulae, 21 Fr (7.0 mm) | 29 |
| 58517 | DLPT™ Femoral Venous Cannulae, 17 Fr (5.7 mm) | 28 |

| | | |
|-------|--|----|
| 58521 | DLP™ Femoral Venous Cannulae, 21 Fr (7.0 mm) | 28 |
| 60001 | DLP™ Electro-Surgical Knife Cleaner | 81 |
| 61000 | DLP™ Disposable Pressure Display Sets | 90 |
| 61006 | DLP™ Disposable Pressure Display Sets | 90 |
| 62000 | DLP™ Disposable Pressure Display Sets | 90 |
| 62006 | DLP™ Disposable Pressure Display Sets | 90 |
| 65000 | DLP™ Pressure Sensing Syringes, 240 mmHg pre-set..... | 85 |
| 65125 | DLP™ Pressure Sensing Syringes, 125 mmHg pre-set..... | 85 |
| 66000 | Pressure Display Box..... | 90 |
| 66112 | DLP™ Single Stage Venous Cannulae, 12 Fr (4.0 mm) | 34 |
| 66114 | DLP™ Single Stage Venous Cannulae, 14 Fr (4.7 mm)..... | 34 |
| 66116 | DLP™ Single Stage Venous Cannulae, 16 Fr (5.3 mm) | 34 |
| 66118 | DLP™ Single Stage Venous Cannulae, 18 Fr (6.0 mm) | 34 |
| 66120 | DLP™ Single Stage Venous Cannulae, 20 Fr (6.7 mm) | 34 |
| 66122 | DLP™ Single Stage Venous Cannulae, 22 Fr (7.3 mm)..... | 34 |
| 66124 | DLP™ Single Stage Venous Cannulae, 24 Fr (8.0 mm) | 34 |
| 66126 | DLP™ Single Stage Venous Cannulae, 26 Fr (8.7 mm) | 34 |
| 66128 | DLP™ Single Stage Venous Cannulae, 28 Fr (9.3 mm) | 34 |
| 66130 | DLP™ Single Stage Venous Cannulae, 30 Fr (10.0 mm) | 34 |
| 66132 | DLP™ Single Stage Venous Cannulae, 32 Fr (10.7 mm)..... | 34 |
| 66134 | DLP™ Single Stage Venous Cannulae, 34 Fr (11.3 mm) | 34 |
| 66136 | DLP™ Single Stage Venous Cannulae, 36 Fr (12.0 mm) | 34 |
| 66140 | DLP™ Single Stage Venous Cannulae, 40 Fr (13.3 mm) | 34 |
| 66236 | DLP™ Single Stage Venous Cannulae, 36 Fr (12.0 mm) | 34 |
| 66238 | DLP™ Single Stage Venous Cannulae, 38 Fr (12.7 mm) | 34 |
| 66240 | DLP™ Single Stage Venous Cannulae, 40 Fr (13.3 mm) | 34 |
| 67312 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 12 Fr (4.0 mm) | 33 |
| 67314 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 14 Fr (4.7 mm) | 33 |
| 67316 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 16 Fr (5.3 mm) | 33 |
| 67318 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 18 Fr (6.0 mm) | 33 |
| 67320 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 20 Fr (6.7 mm) | 33 |
| 67512 | DLP™ Right Angle Single Stage Venous Cannulae, 12 Fr (4.0 mm) | 35 |
| 67514 | DLP™ Right Angle Single Stage Venous Cannulae, 14 Fr (4.7 mm) | 35 |
| 67516 | DLP™ Right Angle Single Stage Venous Cannulae, 16 Fr (5.3 mm) | 35 |
| 67518 | DLP™ Right Angle Single Stage Venous Cannulae, 18 Fr (6.0 mm) | 35 |
| 67520 | DLP™ Right Angle Single Stage Venous Cannulae, 20 Fr (6.7 mm) | 35 |
| 67522 | DLP™ Right Angle Single Stage Venous Cannulae, 22 Fr (7.3 mm) | 35 |
| 67524 | DLP™ Right Angle Single Stage Venous Cannulae, 24 Fr (8.0 mm) | 35 |
| 67526 | DLP™ Right Angle Single Stage Venous Cannulae, 26 Fr (8.7 mm) | 35 |
| 67528 | DLP™ Right Angle Single Stage Venous Cannulae, 28 Fr (9.3 mm) | 35 |
| 67530 | DLP™ Right Angle Single Stage Venous Cannulae, 30 Fr (10.0 mm) | 35 |
| 67532 | DLP™ Right Angle Single Stage Venous Cannulae, 32 Fr (10.7 mm) | 35 |
| 67534 | DLP™ Right Angle Single Stage Venous Cannulae, 34 Fr (11.3 mm) | 35 |
| 67536 | DLP™ Right Angle Single Stage Venous Cannulae, 36 Fr (12.0 mm) | 35 |
| 67540 | DLP™ Right Angle Single Stage Venous Cannulae, 40 Fr (13.3 mm)..... | 35 |

| | | |
|-------|---|----|
| 67636 | DLP™ Right Angle Single Stage Venous Cannulae, 36 Fr (12.0 mm) | 35 |
| 67638 | DLP™ Right Angle Single Stage Venous Cannulae, 38 Fr (12.7 mm) | 35 |
| 67640 | DLP™ Right Angle Single Stage Venous Cannulae, 40 Fr (13.3 mm) | 35 |
| 68112 | DLP™ Malleable Single Stage Venous Cannulae, 12 Fr (4.0 mm) | 36 |
| 68114 | DLP™ Malleable Single Stage Venous Cannulae, 14 Fr (4.7 mm) | 36 |
| 68116 | DLP™ Malleable Single Stage Venous Cannulae, 16 Fr (5.3 mm) | 36 |
| 68118 | DLP™ Malleable Single Stage Venous Cannulae, 18 Fr (6.0 mm) | 36 |
| 68120 | DLP™ Malleable Single Stage Venous Cannulae, 20 Fr (6.7 mm) | 36 |
| 68122 | DLP™ Malleable Single Stage Venous Cannulae, 22 Fr (7.3 mm) | 36 |
| 68124 | DLP™ Malleable Single Stage Venous Cannulae, 24 Fr (8.0 mm) | 36 |
| 68126 | DLP™ Malleable Single Stage Venous Cannulae, 26 Fr (8.7 mm) | 36 |
| 68128 | DLP™ Malleable Single Stage Venous Cannulae, 28 Fr (9.3 mm) | 36 |
| 68130 | DLP™ Malleable Single Stage Venous Cannulae, 30 Fr (10.0 mm) | 36 |
| 68132 | DLP™ Malleable Single Stage Venous Cannulae, 32 Fr (10.7 mm) | 36 |
| 68134 | DLP™ Malleable Single Stage Venous Cannulae, 34 Fr (11.3 mm) | 36 |
| 68136 | DLP™ Malleable Single Stage Venous Cannulae, 36 Fr (12.0 mm) | 36 |
| 68138 | DLP™ Malleable Single Stage Venous Cannulae, 38 Fr (12.7 mm) | 36 |
| 68140 | DLP™ Malleable Single Stage Venous Cannulae, 40 Fr (13.3 mm) | 36 |
| 69312 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 12 Fr (4.0 mm) | 33 |
| 69314 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 14 Fr (4.7 mm) | 33 |
| 69316 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 16 Fr (5.3 mm) | 33 |
| 69318 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 18 Fr (6.0 mm) | 33 |
| 69320 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 20 Fr (6.7 mm) | 33 |
| 69322 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 22 Fr (7.3 mm) | 33 |
| 69324 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 24 Fr (8.0 mm) | 33 |
| 69328 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 28 Fr (9.3 mm) | 33 |
| 69331 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 31 Fr (10.3 mm) | 33 |
| 69424 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 24 Fr (8.0 mm) | 33 |
| 69428 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 28 Fr (9.3 mm) | 33 |
| 69431 | DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 31 Fr (10.3 mm) | 33 |
| 70016 | DLP™ Straight Tip Arterial Cannulae, 16 Fr (5.3 mm) clear tip | 10 |
| 70420 | DLP™ Flexible Arch Arterial Cannulae, 20 Fr (6.7 mm) | 11 |
| 70422 | DLP™ Flexible Arch Arterial Cannulae, 22 Fr (7.3 mm) | 11 |
| 70424 | DLP™ Flexible Arch Arterial Cannulae, 24 Fr (8.0 mm) | 11 |
| 71420 | DLP™ Flexible Arch Arterial Cannulae, 20 Fr (6.7 mm) | 11 |
| 71422 | DLP™ Flexible Arch Arterial Cannulae, 22 Fr (7.3 mm) | 11 |
| 71424 | DLP™ Flexible Arch Arterial Cannulae, 24 Fr (8.0 mm) | 11 |
| 72120 | Select Series™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm) | 11 |
| 72122 | Select Series™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm) | 11 |
| 72124 | Select Series™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm) | 11 |
| 72220 | Select Series™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm) | 11 |
| 72222 | Select Series™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm) | 11 |
| 72224 | Select Series™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm) | 11 |
| 72420 | Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm) | 12 |
| 72422 | Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm) | 12 |

| | | |
|-------|---|----|
| 72424 | Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm) | 12 |
| 72520 | Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm) | 12 |
| 72522 | Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm) | 12 |
| 72524 | Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm) | 12 |
| 73016 | DLP™ Straight Tip Arterial Cannulae, 16 Fr (5.3 mm) clear tip | 10 |
| 73420 | Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm) | 12 |
| 73422 | Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm) | 12 |
| 73424 | Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm) | 12 |
| 73520 | Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm) | 12 |
| 73522 | Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm) | 12 |
| 73524 | Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm) | 12 |
| 75008 | DLP™ Straight Tip Arterial Cannulae, 8 Fr (2.7 mm)..... | 10 |
| 75010 | DLP™ Straight Tip Arterial Cannulae, 10 Fr (3.3 mm) | 10 |
| 75012 | DLP™ Straight Tip Arterial Cannulae, 12 Fr (4.0 mm) | 10 |
| 75014 | DLP™ Straight Tip Arterial Cannulae, 14 Fr (4.7 mm)..... | 10 |
| 75318 | DLP™ Straight Tip Arterial Cannulae, 18 Fr (6.0 mm) | 10 |
| 75320 | DLP™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm) | 10 |
| 75322 | DLP™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)..... | 10 |
| 75324 | DLP™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm) | 10 |
| 76020 | DLP™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm) | 10 |
| 76022 | DLP™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)..... | 10 |
| 76024 | DLP™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm) | 10 |
| 76118 | DLP™ Straight Tip Arterial Cannulae, 18 Fr (6.0 mm) | 10 |
| 76120 | DLP™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm) | 10 |
| 76122 | DLP™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)..... | 10 |
| 76124 | DLP™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm) | 10 |
| 77006 | DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm) | 9 |
| 77008 | DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm) | 9 |
| 77010 | DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm) | 9 |
| 77012 | DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm) | 9 |
| 77014 | DLP™ Pediatric One-Piece Arterial Cannulae, 14 Fr (4.7 mm) | 9 |
| 77016 | DLP™ Pediatric One-Piece Arterial Cannulae, 16 Fr (5.3 mm) | 9 |
| 77106 | DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm) | 9 |
| 77108 | DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm) | 9 |
| 77110 | DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm) | 9 |
| 77112 | DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm) | 9 |
| 77114 | DLP™ Pediatric One-Piece Arterial Cannulae, 14 Fr (4.7 mm) | 9 |
| 77116 | DLP™ Pediatric One-Piece Arterial Cannulae, 16 Fr (5.3 mm) | 9 |
| 77206 | DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm) | 9 |
| 77208 | DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm) | 9 |
| 77210 | DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm) | 9 |
| 77212 | DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm) | 9 |
| 77306 | DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm) | 9 |
| 77308 | DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm) | 9 |
| 77310 | DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm) | 9 |

| | | |
|-------|--|----|
| 77312 | DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm) | 9 |
| 77418 | EOPA™ Arterial Cannulae, 18 Fr (6.0 mm) | 8 |
| 77420 | EOPA™ Arterial Cannulae, 20 Fr (6.7 mm) | 8 |
| 77422 | EOPA™ Arterial Cannulae, 22 Fr (7.3 mm) | 8 |
| 77424 | EOPA™ Arterial Cannulae, 24 Fr (8.0 mm) | 8 |
| 77518 | EOPA™ Arterial Cannulae, 18 Fr (6.0 mm) | 8 |
| 77520 | EOPA™ Arterial Cannulae, 20 Fr (6.7 mm) | 8 |
| 77522 | EOPA™ Arterial Cannulae, 22 Fr (7.3 mm) | 8 |
| 77524 | EOPA™ Arterial Cannulae, 24 Fr (8.0 mm) | 8 |
| 77618 | EOPA™ Arterial Cannulae, 18 Fr (6.0 mm) | 8 |
| 77620 | EOPA™ Arterial Cannulae, 20 Fr (6.7 mm) | 8 |
| 77622 | EOPA™ Arterial Cannulae, 22 Fr (7.3 mm) | 8 |
| 77624 | EOPA™ Arterial Cannulae, 24 Fr (8.0 mm) | 8 |
| 77718 | EOPA™ Arterial Cannulae, 18 Fr (6.0 mm) | 8 |
| 77720 | EOPA™ Arterial Cannulae, 20 Fr (6.7 mm) | 8 |
| 77722 | EOPA™ Arterial Cannulae, 22 Fr (7.3 mm) | 8 |
| 77724 | EOPA™ Arterial Cannulae, 24 Fr (8.0 mm) | 8 |
| 77818 | EOPA CAP™ Arterial Cannulae, 18 Fr (6.0 mm)..... | 7 |
| 77820 | EOPA CAP™ Arterial Cannulae, 20 Fr (6.7 mm)..... | 7 |
| 77822 | EOPA CAP™ Arterial Cannulae, 22 Fr (7.3 mm)..... | 7 |
| 77918 | EOPA CAP™ Arterial Cannulae, 18 Fr (6.0 mm)..... | 7 |
| 77920 | EOPA CAP™ Arterial Cannulae, 20 Fr (6.7 mm)..... | 7 |
| 77922 | EOPA CAP™ Arterial Cannulae, 22 Fr (7.3 mm)..... | 7 |
| 78220 | EOPA 3D™ Arterial Cannulae, 20 Fr (6.7 mm) | 5 |
| 78222 | EOPA 3D™ Arterial Cannulae, 22 Fr (7.3 mm)..... | 5 |
| 78320 | EOPA 3D™ Arterial Cannulae, 20 Fr (6.7 mm) | 5 |
| 78322 | EOPA 3D™ Arterial Cannulae, 22 Fr (7.3 mm)..... | 5 |
| 78420 | Select 3D™ II Arterial Cannulae, 20 Fr (6.7 mm) | 6 |
| 78422 | Select 3D™ II Arterial Cannulae, 22 Fr (7.3 mm)..... | 6 |
| 78424 | Select 3D™ II Arterial Cannulae, 24 Fr (8.0 mm) | 6 |
| 78520 | Select 3D™ II Arterial Cannulae, 20 Fr (6.7 mm) | 6 |
| 78522 | Select 3D™ II Arterial Cannulae, 22 Fr (7.3 mm)..... | 6 |
| 78524 | Select 3D™ II Arterial Cannulae, 24 Fr (8.0 mm) | 6 |
| 79000 | DLP™ Arterial Vent Plugs, 3/8 in (0.95 cm)..... | 81 |
| 79001 | DLP™ Arterial Vent Plugs, 1/4 in (0.64 cm)..... | 81 |
| 79002 | DLP™ Arterial Vent Plugs, 3/8 in (0.95 cm)..... | 81 |
| 79003 | DLP™ Tourniquet Sets..... | 82 |
| 79004 | DLP™ Tourniquet Sets..... | 82 |
| 79005 | DLP™ Tourniquet Sets..... | 82 |
| 79006 | DLP™ Tourniquet Sets..... | 82 |
| 79008 | Sure-Snare™ Tourniquet Sets | 83 |
| 79009 | DLP™ Tourniquet Sets..... | 82 |
| 79010 | TourniKwik™ Tourniquet Sets..... | 83 |
| 79011 | TourniKwik™ Tourniquet Sets..... | 83 |
| 79012 | TourniKwik™ Tourniquet Sets..... | 83 |

| | | |
|-------|---|----|
| 79013 | TourniKwik™ Tourniquet Sets..... | 83 |
| 79015 | DLP™ Tourniquet Sets..... | 82 |
| 79016 | DLP™ Tourniquet Sets..... | 82 |
| 79019 | DLP™ Tourniquet Sets..... | 82 |
| 79020 | Sure-Snare™ Tourniquet Sets | 83 |
| 79022 | DLP™ Tourniquet Sets..... | 82 |
| 79023 | DLP™ Tourniquet Sets..... | 82 |
| 79026 | DLP™ Tourniquet Sets..... | 82 |
| 79027 | DLP™ Tourniquet Sets..... | 82 |
| 80020 | DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 17 |
| 80022 | DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm) | 17 |
| 80024 | DLP™ Metal Tip Arterial Cannulae, 24 Fr (8.0 mm)..... | 17 |
| 80120 | DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 17 |
| 80122 | DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm) | 17 |
| 80124 | DLP™ Metal Tip Arterial Cannulae, 24 Fr (8.0 mm)..... | 17 |
| 80220 | DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 17 |
| 80222 | DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm) | 17 |
| 80224 | DLP™ Metal Tip Arterial Cannulae, 24 Fr (8.0 mm)..... | 17 |
| 80320 | DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 17 |
| 80322 | DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm) | 17 |
| 80324 | DLP™ Metal Tip Arterial Cannulae, 24 Fr (8.0 mm)..... | 17 |
| 81020 | DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 16 |
| 81022 | DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm) | 16 |
| 81120 | DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 16 |
| 81122 | DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm) | 16 |
| 82020 | DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 16 |
| 82022 | DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm) | 16 |
| 82120 | DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 16 |
| 82122 | DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm) | 16 |
| 83020 | DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 15 |
| 83022 | DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm) | 15 |
| 83024 | DLP™ Curved Tip Arterial Cannulae, 24 Fr (8.0 mm)..... | 15 |
| 84020 | DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)..... | 15 |
| 84022 | DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm) | 15 |
| 84024 | DLP™ Curved Tip Arterial Cannulae, 24 Fr (8.0 mm)..... | 15 |
| 87020 | DLP™ Curved Tip Arterial Cannulae with Wirewound Body, 20 Fr (6.7 mm) | 14 |
| 87022 | DLP™ Curved Tip Arterial Cannulae with Wirewound Body, 22 Fr (7.3 mm) | 14 |
| 87024 | DLP™ Curved Tip Arterial Cannulae with Wirewound Body, 24 Fr (8.0 mm) | 14 |
| 87120 | DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 20 Fr (6.7 mm)..... | 13 |
| 87122 | DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 22 Fr (7.3 mm) | 13 |
| 87124 | DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 24 Fr (8.0 mm)..... | 13 |
| 87220 | DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 20 Fr (6.7 mm)..... | 13 |
| 87222 | DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 22 Fr (7.3 mm) | 13 |
| 87224 | DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 24 Fr (8.0 mm)..... | 13 |
| 87920 | DLP™ Curved Tip Arterial Cannulae with Wirewound Body 20 Fr (6.7 mm) | 14 |

| | | |
|--------|--|----|
| 87922 | DLP™ Curved Tip Arterial Cannulae with Wirewound Body 22 Fr (7.3 mm) | 14 |
| 87924 | DLP™ Curved Tip Arterial Cannulae with Wirewound Body 24 Fr (8.0 mm) | 14 |
| 88020 | DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm) | 15 |
| 88022 | DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm) | 15 |
| 88024 | DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm) | 15 |
| 88120 | DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm) | 15 |
| 88122 | DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm) | 15 |
| 88124 | DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm) | 15 |
| 89020 | DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm) | 15 |
| 89022 | DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm) | 15 |
| 89024 | DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm) | 15 |
| 89120 | DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm) | 15 |
| 89122 | DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm) | 15 |
| 89124 | DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm) | 15 |
| 91037 | DLP™ Silicone Single Stage Venous Cannulae with Inflatable Cuff, 37 Fr (12.3 mm) | 37 |
| 91228 | MC2™ Two Stage Venous Cannulae, 28/36 Fr (9.3/12.0 mm) | 39 |
| 91228C | MC2™ Two Stage Venous Cannulae, 28/36 Fr (9.3/12.0 mm) | 39 |
| 91229 | MC2™ Two Stage Venous Cannulae, 29/37 Fr (9.7/12.3 mm) | 39 |
| 91229C | MC2™ Two Stage Venous Cannulae, 29/37 Fr (9.7/12.3 mm) | 39 |
| 91236 | MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm) | 39 |
| 91236C | MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm) | 39 |
| 91240 | MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm) | 39 |
| 91240C | MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm) | 39 |
| 91246 | MC2™ Two Stage Venous Cannulae, 34/46 Fr (11.3/15.3 mm) | 39 |
| 91246C | MC2™ Two Stage Venous Cannulae, 34/46 Fr (11.3/15.3 mm) | 39 |
| 91251 | MC2™ Two Stage Venous Cannulae, 36/51 Fr (12.0/17.0 mm) | 39 |
| 91251C | MC2™ Two Stage Venous Cannulae, 36/51 Fr (12.0/17.0 mm) | 39 |
| 91263 | MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm) | 39 |
| 91263C | MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm) | 39 |
| 91265 | MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm) | 39 |
| 91265C | MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm) | 39 |
| 91329 | MC2™ Two Stage Venous Cannulae, 29/29 Fr (9.7/9.7 mm) | 39 |
| 91329C | MC2™ Two Stage Venous Cannulae, 29/29 Fr (9.7/9.7 mm) | 39 |
| 91429 | MC2X™ Three Stage Venous Cannulae, 29/29/29 Fr (9.7/9.7/9.7 mm) | 40 |
| 91429C | MC2X™ Three Stage Venous Cannulae, 29/29/29 Fr (9.7/9.7/9.7 mm) | 40 |
| 91437 | MC2X™ Three Stage Venous Cannulae, 29/46/37 Fr (9.7/15.3/12.3 mm) | 40 |
| 91437C | MC2X™ Three Stage Venous Cannulae, 29/46/37 Fr (9.7/15.3/12.3 mm) | 40 |
| 93438 | VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm) | 38 |
| 93438C | VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm) | 38 |
| 93448 | VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm) | 38 |
| 93448C | VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm) | 38 |
| 93463 | VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm) | 38 |
| 93463C | VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm) | 38 |
| 93464 | VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm) | 38 |
| 93464C | VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm) | 38 |

| | | |
|----------|---|----|
| 94006 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 6 Fr (2.0 mm)..... | 53 |
| 94010 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 10 Fr (3.3 mm)..... | 53 |
| 94015 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)..... | 53 |
| 94106 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 6 Fr (2.0 mm)..... | 53 |
| 94110 | Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 10 Fr (3.3 mm) | 52 |
| 94113T | Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 13 Fr (4.3 mm)..... | 52 |
| 94113TD | MiRCSP™ Cannulae with Manual-Inflate Cuff, 13 Fr 12.5 in (31.8 cm) | 51 |
| 94113TDT | MiRCSP™ Cannulae with Manual-Inflate Cuff, 13 Fr 12.5 in (31.8 cm) | 51 |
| 94115T | Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 52 |
| 94215T | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)..... | 53 |
| 94315T | DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 55 |
| 94415T | DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 55 |
| 94515 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 54 |
| 94523 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 13 Fr (4.3 mm)..... | 56 |
| 94525 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 54 |
| 94533 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 13 Fr (4.3 mm) | 56 |
| 94533TD | MiRCSP™ Cannulae with Auto-Inflate Cuff, 13 Fr 12.5 in (31.8 cm) | 51 |
| 94533TDT | MiRCSP™ Cannulae with Auto-Inflate Cuff, 13 Fr 12.5 in (31.8 cm) | 51 |
| 94535 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm) | 56 |
| 94615 | Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 52 |
| 94625 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 54 |
| 94665 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 54 |
| 94715 | Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 52 |
| 94725 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm) | 53 |
| 94735 | DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm) | 55 |
| 94745 | DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 55 |
| 94835 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 57 |
| 94845 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 57 |
| 94885 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 57 |
| 94885K | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 56 |
| 94895 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 57 |
| 94913 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 13 Fr (4.3 mm)..... | 54 |
| 94913L | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 13 Fr (4.3 mm)..... | 54 |
| 94915 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)..... | 54 |
| 94935 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 57 |
| 94945 | DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 57 |
| 94965 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)..... | 54 |
| 94975 | DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)..... | 54 |
| 94985 | DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 55 |
| 94995 | DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)..... | 55 |
| 96014 | DLP™ Femoral Cannulae and Insertion Kits, 14 Fr (4.7 mm) arterial, 17 Fr (5.7 mm) venous...27 | |
| 96017 | DLP™ Femoral Cannulae and Insertion Kits, 17 Fr (5.7 mm) arterial, 21 Fr (7.0 mm) venous...27 | |
| 96021 | DLP™ Femoral Cannulae and Insertion Kits, 21 Fr (7.0 mm) arterial, 21 Fr (7.0 mm) venous...27 | |
| 96328 | DLP™ Femoral Venous Cannulae, 28 Fr (9.3 mm)..... | 28 |
| 96428 | DLP™ Femoral Venous Cannulae, 28 Fr (9.3 mm)..... | 28 |

| | | |
|-----------|--|----|
| 96530-115 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 15 Fr (5.0 mm)..... | 24 |
| 96530-117 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 17 Fr (5.7 mm)..... | 24 |
| 96530-119 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 19 Fr (6.3 mm)..... | 24 |
| 96530-121 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 21 Fr (7.0 mm)..... | 24 |
| 96530-123 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 23 Fr (7.7 mm)..... | 24 |
| 96530-125 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 25 Fr (8.3 mm)..... | 24 |
| 96551 | Bio-Medicus™ NextGen Femoral Venous Insertion Kit..... | 25 |
| 96552 | Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Insertion Kit..... | 25 |
| 96553 | Bio-Medicus™ NextGen Pediatric Femoral Arterial/Venous Insertion Kit..... | 25 |
| 96570-115 | Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Cannulae, 15 Fr (5.0 mm)..... | 22 |
| 96570-117 | Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Cannulae, 17 Fr (5.7 mm)..... | 22 |
| 96570-119 | Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 19 Fr (6.3 mm)..... | 22 |
| 96570-121 | Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 21 Fr (7.0 mm)..... | 22 |
| 96570-123 | Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 23 Fr (7.7 mm)..... | 22 |
| 96570-125 | Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 25 Fr (8.3 mm)..... | 22 |
| 96600-115 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 15 Fr (5.0 mm)..... | 24 |
| 96600-117 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 17 Fr (5.7 mm)..... | 24 |
| 96600-119 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 19 Fr (6.3 mm)..... | 24 |
| 96600-121 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 21 Fr (7.0 mm)..... | 24 |
| 96600-123 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 23 Fr (7.7 mm)..... | 24 |
| 96600-125 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 25 Fr (8.3 mm)..... | 24 |
| 96600-127 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 27 Fr (9.0 mm)..... | 24 |
| 96600-129 | Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 29 Fr (9.7 mm)..... | 24 |
| 96670-115 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 15 Fr (5.0 mm)..... | 23 |
| 96670-117 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 17 Fr (5.7 mm)..... | 23 |
| 96670-119 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 19 Fr (6.3 mm)..... | 23 |
| 96670-121 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 21 Fr (7.0 mm)..... | 23 |
| 96670-123 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 23 Fr (7.7 mm)..... | 23 |
| 96670-125 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 25 Fr (8.3 mm)..... | 23 |
| 96670-127 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 27 Fr (9.0 mm)..... | 23 |
| 96670-129 | Bio-Medicus™ NextGen Femoral Venous Cannulae, 29 Fr (9.7 mm)..... | 23 |
| 96820-108 | Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 8 Fr (2.7 mm)..... | 21 |
| 96820-110 | Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 10 Fr (3.3 mm)..... | 21 |
| 96820-112 | Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 12 Fr (4.0 mm)..... | 21 |
| 96820-114 | Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 14 Fr (4.7 mm)..... | 21 |
| 96830-108 | Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 8 Fr (2.7 mm)..... | 21 |
| 96830-110 | Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 10 Fr (3.3 mm)..... | 21 |
| 96830-112 | Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 12 Fr (4.0 mm)..... | 21 |
| 96830-114 | Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 14 Fr (4.7 mm)..... | 21 |
| 96880-019 | Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit, 19 Fr (6.3 mm)..... | 26 |
| 96880-021 | Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit, 21 Fr (7.0 mm)..... | 26 |
| 96880-025 | Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit, 25 Fr (8.3 mm)..... | 26 |



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For more information, contact your local
Medtronic Cannula Products Representative.

Not all products are approved in every geography.

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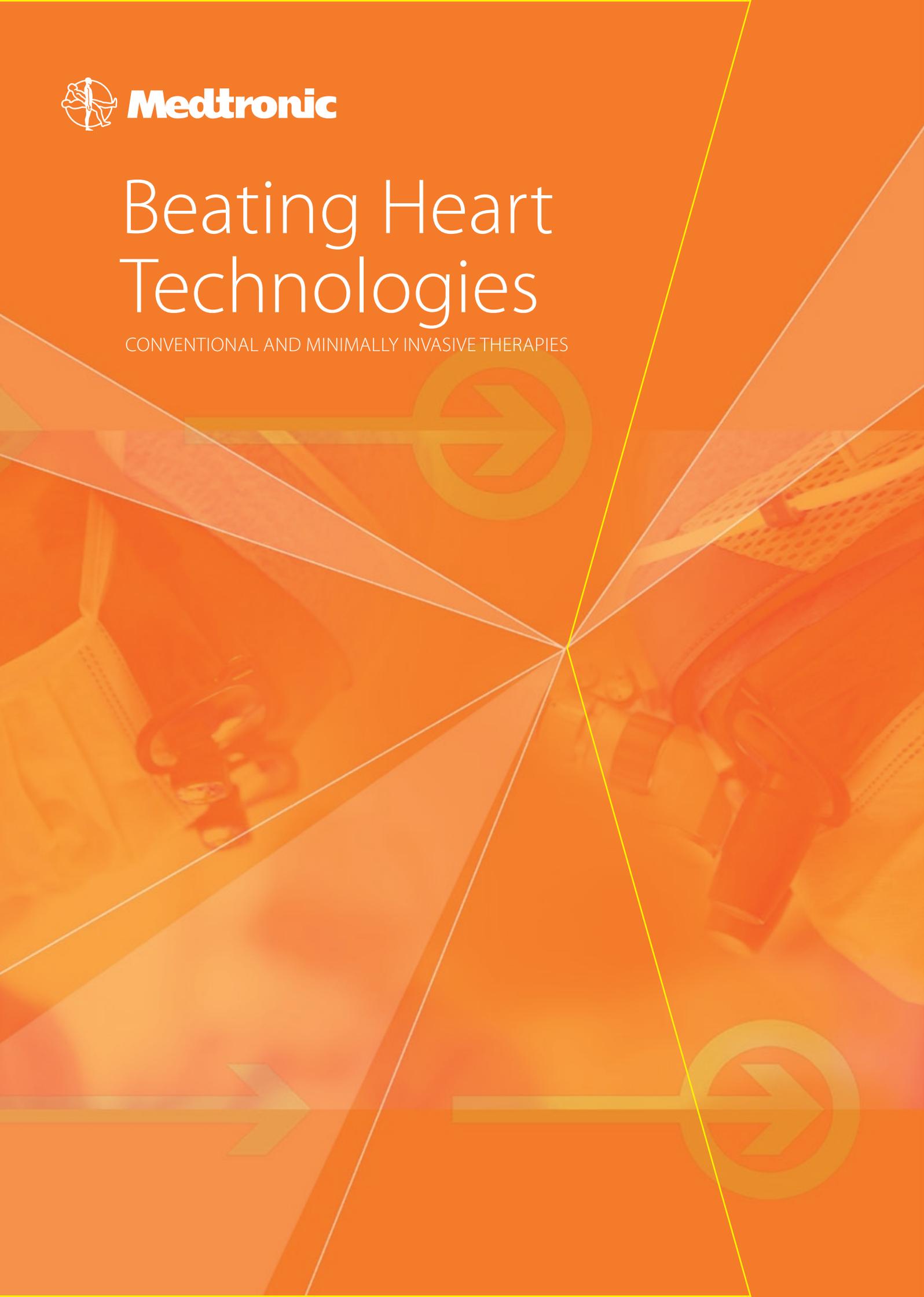
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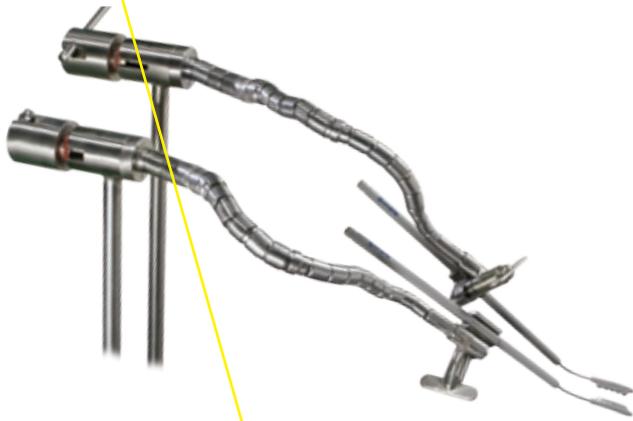


Medtronic

Beating Heart Technologies

CONVENTIONAL AND MINIMALLY INVASIVE THERAPIES





Octopus® 1 • 1997



Octopus® 3 • 2000



Octopus® 2 • 1999
Octopus® 2+
Octopus® 2+ Low-Profile



Starfish

OPCAB

MICS CABG

Over 10 Years of
Commitment
to Beating Heart
Surgery



Urchin® • 2003



Starfish® Evo • 2010



Octopus® 2 • 2002



Octopus® 4.3 • 2004



Urchin® Evo • 2010



Octopus® 4 • 2002



Octopus® Evolution • 2006



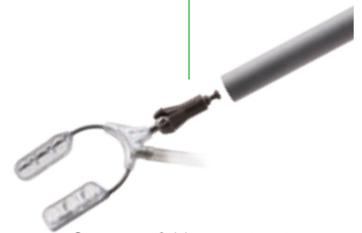
Octopus® Evolution AS • 2010



Starfish® NS • 2003



Octopus® NS • 2004



Octopus® Nuvo • 2010



Octopus® TE • 2004



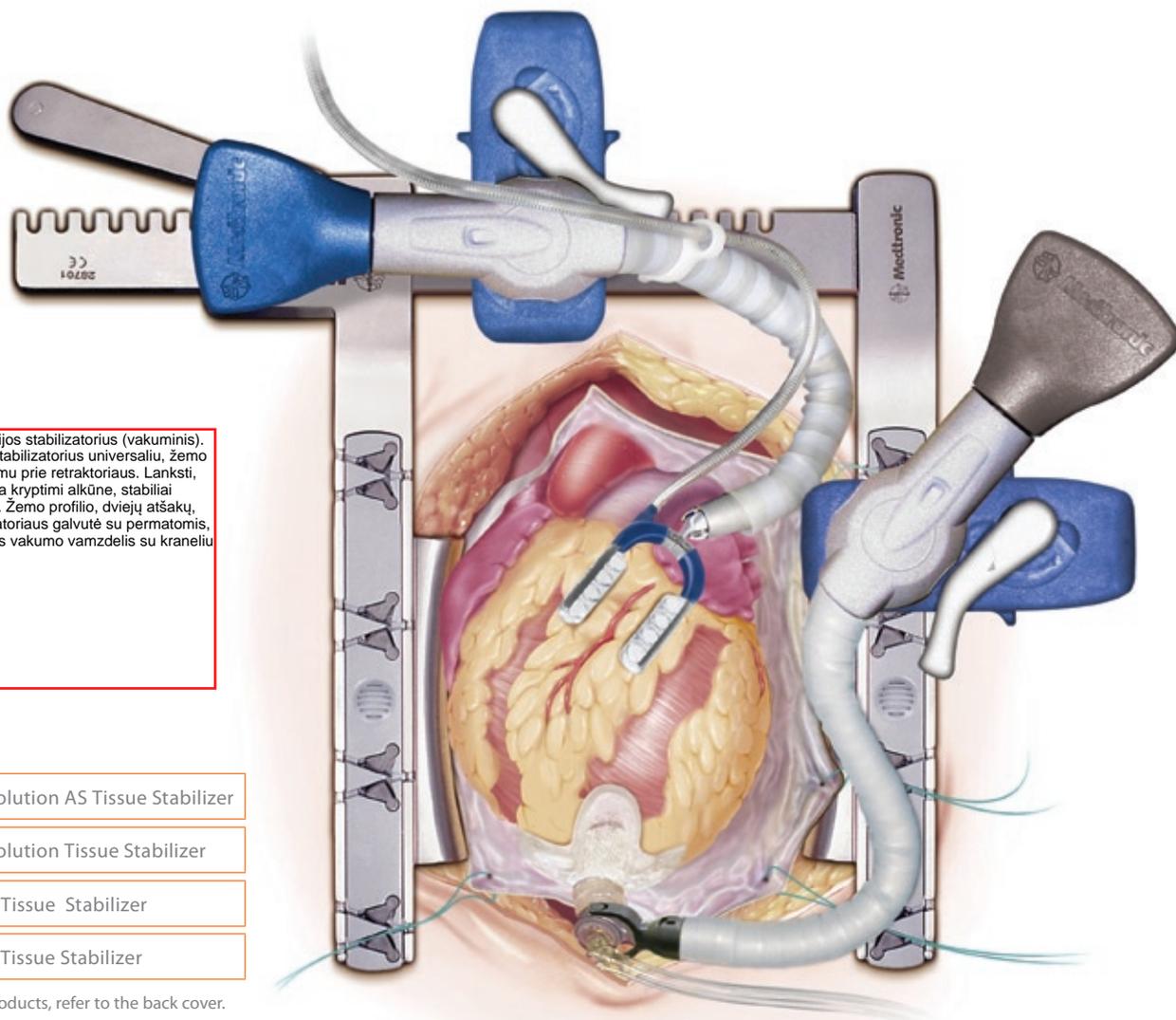
ThoraTrak® • 2008

OPCAB Technology

Excellent Stability for
Completing a Beating Heart Anastomosis

Conventional Beating Heart Surgery (OPCAB)

OPCAB has been clinically shown to be less invasive than conventional arrested heart surgery. This off-pump technique, which reduces many of the deleterious effects associated with going on pump, is accomplished with the use of Medtronic's innovative product offerings.



11 pirkimo dalis. Vainikinės arterijos stabilizatorius (vakuminis). Vienkartinis, vakuminis audinių stabilizatorius universaliu, žemo profilio pagrindu, stabiliai tvirtinamu prie retraktoriaus. Lanksti, vienkartinė, nukreipiama bet kuria kryptimi alkūne, stabiliai fiksuojama prisukama rankenėle. Žemo profilio, dviejų atšakų, 3600 kampų besisukanti stabilizatoriaus galvutė su permatomis, plastikinėmis taurelėmis. Lankstus vakumo vamzdelis su kraneliu

| | |
|--------|---|
| TS2500 | Octopus® Evolution AS Tissue Stabilizer |
|--------|---|

| | |
|---------------|--------------------------------------|
| TS2000 | Octopus® Evolution Tissue Stabilizer |
|---------------|--------------------------------------|

| | |
|-------|-------------------------------|
| 29403 | Octopus®4.3 Tissue Stabilizer |
|-------|-------------------------------|

| | |
|-------|-------------------------------|
| 29400 | Octopus®4.0 Tissue Stabilizer |
|-------|-------------------------------|

For a complete list of all products, refer to the back cover.

After more than 10 years of commitment to OPCAB surgery, Medtronic offers the most complete line of stabilizers, which combines stabilization, flexibility, low profile, and ease of use to provide the ideal site for completing a beating heart anastomosis. A variety of stabilizers are offered to meet the needs of each surgeon's individual technique.

11 pirkimo dalis. Vainikinės arterijos stabilizatorius (vakuminis)

Octopus® Evolution AS Tissue Stabilizer

The newest generation tissue stabilizer from Medtronic demonstrates an enduring commitment to the cardiac surgeon. With all the same features of the Octopus Evolution—enhanced stability, flexibility, and a lower profile for unlimited positioning options—the Octopus Evolution AS offers an automatic pod spread feature that optimizes visibility at the anastomosis.

Enhanced Stability and Flexibility with both Octopus Evolution and Octopus Evolution AS

- » Effective visualization with lower profile headlink
- » Multiple device positions including pods up, pods down, and pods to the side
- » Increased flexibility and range of motion
- » Longer, effective reach of articulating arm provides easier access to all vessels
- » Simple, secure, one-handed attachment of clamp and turret assembly



Octopus®
Evolution AS
Tissue Stabilizer

Octopus®4 | Octopus®4.3 Tissue Stabilizers

The Octopus®4 and Octopus®4.3 stabilizers provide excellent stability and flexibility to meet the surgeon's needs. Each device offers a unique headlink option—both with malleable pods and Medtronic's unique automatic pod spread.



Octopus® Evolution

Octopus®4.3

Octopus®4

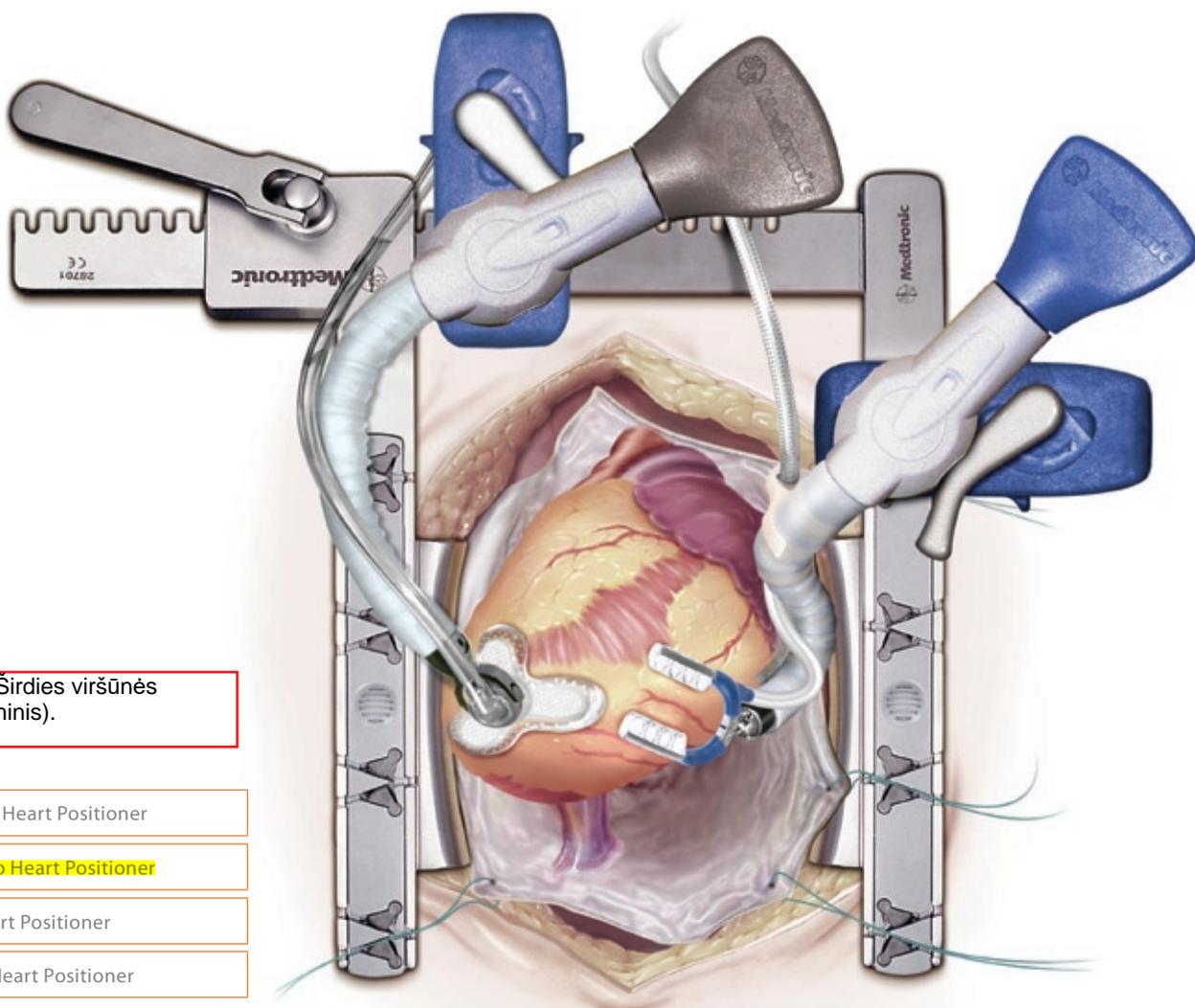
Stable | Flexible | Technique Focused

OPCAB Technology

Medtronic offers the most complete line of positioners, combining: Flexibility. Low Profile. Ease of Use.

Facilitating Solutions

Medtronic's unique heart positioners work in concert with the Octopus tissue stabilizers to facilitate clinical solutions for OPCAB procedures. Surgeons can choose from four positioner options, all of which provide enhanced visualization of the anastomotic sites.



12 pirkimo dalis. Širdies viršūnės fiksatorius (vakuminis).

| | |
|--------|--------------------------------|
| HP3500 | Urchin® Evo Heart Positioner |
| HP3000 | Starfish® Evo Heart Positioner |
| 29700 | Urchin® Heart Positioner |
| 29800 | Starfish®2 Heart Positioner |

For a complete list of all products, refer to the back cover.

Urchin® Evo Heart Positioner

The Urchin® Evo heart positioner provides immediate tissue capture to the apex of the heart for effective positioning.

12 pirkimo dalis. Širdies viršūnės fiksatorius (vakuminis). Vienkartinis, vakuminis širdies viršūnės stabilizatorius universaliu, žemo profilio pagrindu, stabiliai tvirtinamu prie retractoriaus.

Starfish® Evo Heart Positioner

As with our previous generation Starfish® 2 heart positioner, the unique, multi-appendage silicone suction cup provides a low profile that allows for effective positioning of the heart.

Urchin® Heart Positioner

The simple design of the positioner cup provides immediate tissue capture to the apex of the heart.

Starfish®2 Heart Positioner

The unique, multi-appendage silicone suction cup provides a low profile.



Effective Positioning | Low Profile

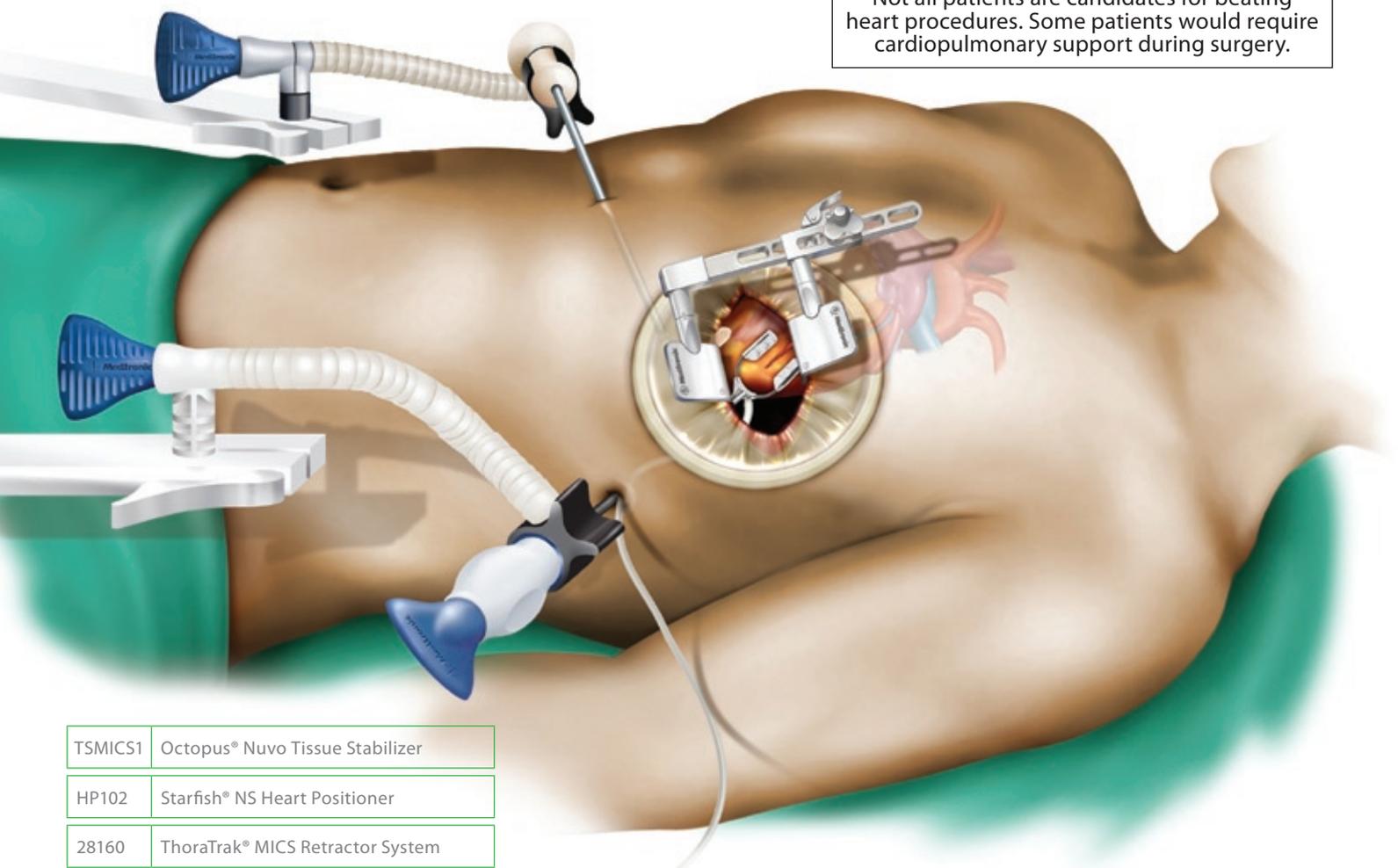
MICS CABG Technology

The stability and familiarity of OPCAB—
now available for minimally invasive procedures.

Medtronic's Commitment

Medtronic is committed to helping cardiac surgeons perform beating heart procedures through less invasive techniques using innovative MICS technology. Patients undergoing MICS CABG have similar outcomes to the conventional beating heart procedure with the added benefits of eliminating the median sternotomy and associated morbidities,^{1,2} and possible decreased recovery time.⁶

Not all patients are candidates for beating heart procedures. Some patients would require cardiopulmonary support during surgery.



| | |
|---------|----------------------------------|
| TSMICS1 | Octopus® Nuvo Tissue Stabilizer |
| HP102 | Starfish® NS Heart Positioner |
| 28160 | ThoraTrak® MICS Retractor System |

For a complete list of all products, refer to the back cover.

Remote insertion of the Starfish® NS and Octopus® Nuvo shafts

Octopus® Nuvo Tissue Stabilizer

Take the next step in MICS CABG technology with the Octopus Nuvo Tissue Stabilizer. Inspired by the Octopus Evolution, this new minimally invasive stabilizer offers the flexibility, stability, and ease of use of your OPCAB stabilizer.

- » Familiar stabilization technology from your OPCAB procedures
- » Smaller headlink for MICS CABG procedures
- » Malleable pods
- » Increased headlink flexibility and range of motion
- » Quick connect system

Starfish® NS Heart Positioner

- » Enables multi-vessel therapy through a small thoracotomy
- » Helps present coronary artery for direct vision anastomosis
- » In-line suction

ThoraTrak® MICS Retractor System

Your access to minimally invasive cardiac surgery

- » Interchangeable blades to accommodate various cardiovascular procedures and anatomies
- » Low-profile design



Low Profile | Quick Connect System

Enabling Technologies

Enabling technologies will contribute to the ease and success of your procedures.

OctoBase® Sternal Retractor

The OctoBase® Retractor provides the platform for countless mounting positions for Medtronic's stabilizers and positioners. The unique rail slot design allows for multiple blade configurations. Several choices for blades are available including regular/deep; fixed/swivel and wide skirted.



Disposable Suture Inserts

The suture inserts are designed for easy insertion into the OctoBase® Retractor. They provide suture retention

9 p.d. Koronarinis nupūtiklis,
29150

7 p.d. Intrakoronariniai šunteliai
koronarų šuntavimui be DKA (1,
0-3,0mm)

| | | | | | |
|-------|--|-------|--|-------|--|
| 22120 | Clearview® Blower/Mister (hand piece only) | 31200 | 2.00 mm shunt, 14 mm between bulbs | 28702 | Stainless steel insert blanks - standard |
| 22150 | Clearview® Blower/Mister (with tubing set) | 31225 | 2.25 mm shunt, 14 mm between bulbs | 28703 | Swivel blades - standard depth |
| 29150 | AccuMist® Blower/Mister | 31250 | 2.50 mm shunt, 14 mm between bulbs | 28704 | Swivel blades - deep |
| 31100 | 1.00 mm shunt, 14 mm between bulbs | 31175 | 1.75 mm shunt, 14 mm between bulbs | 28705 | Fixed blades - standard depth |
| 31125 | 1.25 mm shunt, 14 mm between bulbs | 31300 | 3.00 mm shunt, 14 mm between bulbs | 28706 | Fixed blades - deep |
| 31150 | 1.50 mm shunt, 14 mm between bulbs | 33100 | Quickflow DPS Distal Perfusion System | 28707 | Suture holder inserts - disposables |
| 31175 | 1.75 mm shunt, 14 mm between bulbs | 28701 | Retractor with stainless steel insert blanks | 28709 | Retractor handle - replacement component |
| | | | | 28710 | Fixed skirted blades - deep |

For a complete list of all products, refer to the back cover.

9 p.d. Koronarinis nupūtiklis AccuMist® siūlo pažangų skysčių/dujų maišymo technologiją. Lanksti metalinė darbinė dalis; yra reguliuojantis vožtuvas, pilnai uždarantis tiek fiziologinio tirpalo, tiek dujų padavimą

AccuMist® Blower/Mister

The AccuMist® device offers advanced fluid/gas mixing technology to create a consistent, predictable blood-clearing mist. The malleable shaft and on/off control on the handpiece make it an excellent choice for facilitating a bloodless field.

ClearView® Blower/Mister

The ClearView® blower/mister is designed to improve visualization of the surgical site. An irrigation mist gently clears blood from the site, improving visualization without drying or desiccating delicate tissue.

ClearView® Intracoronary Shunt

The ClearView® shunt provides a clear anastomotic site during the procedure while providing blood flow to the distal myocardium. The soft silicone body with tapered tips is designed for atraumatic insertion and removal. Tags and tips are radiopaque. Multiple sizes are available to accommodate all vessel diameters.

7 p.d. Intrakoronariniai šunteliai koronarų šuntavimui be DKA (1,0-3,0mm), suteikia aiškų anastomozinį poveikį procedūros metu, užtikrinant kraujotaką į distalinį miokardą. Minkšti silikoniai, kūginiai antgaliai yra skirti atrauminiam įvedimui ir pašalinimui.



A Competitive Edge

Wherever your practice is along the continuum of beating heart surgery, Medtronic provides a competitive edge.

- » Innovative portfolio of stabilizers, positioners, and accessory products to ensure effective, efficient procedures
- » Peer-to-peer training in the latest technologies and techniques
- » Strong, knowledgeable field presence

Backed by Clinical Evidence

Compelling study results support the benefits of beating heart surgery.

- » Safe alternative to on-pump CABG¹
- » Effective option for high-risk patients and women^{2,3}
- » Can lessen need for inotropes and blood products^{1,4}
- » Reduces incidence of atrial fibrillation⁵
- » MICS CABG can reduce length of hospital stays and recovery times even further than traditional on-pump or off-pump CABG⁶

Not all patients are candidates for beating heart procedures. Some patients would require cardiopulmonary support during surgery.



moving forward

| ORDER # | DESCRIPTION |
|-------------------------------|--|
| BEATING HEART PRODUCTS | |
| TS2500 | Octopus® Evolution AS Tissue Stabilizer |
| TS2000 | Octopus® Evolution Tissue Stabilizer |
| 29403 | Octopus®4.3 Tissue Stabilizer |
| 29400 | Octopus®4 Tissue Stabilizer |
| HP3500 | Urchin® Evo Heart Positioner |
| 29700 | Urchin® Heart Positioner |
| HP3000 | Starfish® Evo Heart Positioner |
| 29800 | Starfish®2 Heart Positioner |
| EU1 | Octopus® Evolution Tissue Stabilizer and Urchin® Heart Positioner (1 ea. packed & shipped separately) |
| ES2 | Octopus® Evolution Tissue Stabilizer and Starfish®2 Heart Positioner (1 ea. packed & shipped separately) |
| EAUE | Octopus® Evolution AS Tissue Stabilizer and Urchin® Evo Heart Positioner (1 ea. packed & shipped separately) |
| EASE | Octopus® Evolution AS Tissue Stabilizer and Starfish® Evo Heart Positioner (1 ea. packed & shipped separately) |
| 28030 | Vacuum Regulator (reusable) |

| CLEARVIEW® INTRACORONARY SHUNTS | |
|--|------------------------------------|
| 31100 | 1.00 mm shunt, 14 mm between bulbs |
| 31125 | 1.25 mm shunt, 14 mm between bulbs |
| 31150 | 1.50 mm shunt, 14 mm between bulbs |
| 31175 | 1.75 mm shunt, 14 mm between bulbs |
| 31200 | 2.00 mm shunt, 14 mm between bulbs |
| 31225 | 2.25 mm shunt, 14 mm between bulbs |
| 31250 | 2.50 mm shunt, 14 mm between bulbs |
| 31275 | 2.75 mm shunt, 14 mm between bulbs |
| 31300 | 3.00 mm shunt, 14 mm between bulbs |

Octopus, Starfish, Urchin, Clearview, ThoraTrak and Octobase are registered trademarks of Medtronic, Inc.

www.medtronic.com

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 Medtronic, Inc.
 710 Medtronic Parkway
 Minneapolis, MN 55432-5604
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 Fax: (763) 514-4879

Medtronic USA, Inc.
 Toll-free: 1 (800) 328-2518
 (24-hour technical support for physicians and medical professionals)

Europe
Medtronic International Trading Sàrl
 Route du Molliou 31
 Case postale
 CH-1131 Tolochenaz
 Switzerland
 Tel: +41 (0) 21 802 70 00
 Fax: +41 (0) 21 802 79 00

Canada
 Medtronic of Canada Ltd.
 6733 Kitimat Road
 Mississauga, Ontario L5N 1W3
 Canada
 Tel: (905) 826-6020
 Fax: (905) 826-6620
 Toll-free: 1 (800) 268-5346

Asia Pacific
 Medtronic International, Ltd.
 16/F Manulife Plaza
 The Lee Gardens, 33 Hysan Avenue
 Causeway Bay
 Hong Kong
 Tel: (852) 2891 4456
 Fax: (852) 2891 6830
 enquiryap@medtronic.com

Latin America
 Medtronic USA, Inc.
 Doral Corporate Center II
 3750 NW 87th Avenue Suite 700
 Miami, FL 33178
 USA
 Tel: (305) 500-9328
 Fax: (786) 709-4244

| ORDER # | DESCRIPTION |
|-----------------------------------|--|
| OCTOBASE® RETRACTOR SYSTEM | |
| 28701 | Retractor with stainless steel insert blanks (reusable) (1 set) blades not included with this product code |
| 28702 | Stainless steel insert blanks - standard (reusable) - replacement 1 set |
| 28703 | Swivel blades - standard depth (reusable) 1 set |
| 28704 | Swivel blades - deep (reusable) 1 set |
| 28705 | Fixed blades - standard depth (reusable) 1 set |
| 28706 | Fixed blades - deep (reusable) 1 set |
| 28707 | Suture holder inserts (disposable) 10 count |
| 28709 | Retractor handle - replacement component |
| 28710 | Fixed skirted blades - deep (reusable) 1 set |

| QUICKFLOW DPS DISTAL PERFUSION SYSTEM | |
|--|---|
| 33100 | Quickflow DPS Distal Perfusion System, 5 kits |

Each kit contains: 1-tubing set; 2- 2.0 mm elongated arteriotomy cannulae; 1- 3.0 mm elongated arteriotomy cannula; 1- 4.0 mm elongated arteriotomy cannula; 1- 14 gauge aortic root cannula

| BLOWER/MISTERS | |
|-----------------------|---|
| 22120 | ClearView® Blower/Mister (handpiece only) 10 count |
| 22150 | ClearView® Blower/Mister (with attached tubing set) 5 count |
| 29150 | AccuMist® Blower/Mister 10 count |

| OCTOPUS® TE TISSUE STABILIZER | |
|--------------------------------------|---|
| TS502 | Octopus® TE Tissue Stabilizer (reusable) |
| DS503 | Octopus® TE Articulating Arm (disposable) (5 units) |
| DS502 | Suction/Vacuum Lines (disposable) (5 units) |
| DS501 | Irrigator (disposable) (5 units) |
| MR103 | Universal Stabilizer Mounting Rail (reusable) |

| ORDER # | DESCRIPTION |
|------------------|---|
| MICS CABG | |
| MICS1 | MICS CABG Starter Pak with 5 Octopus® Nuvo, 5 Starfish® NS, MR102, MR103, and ThoraTrak® |
| MICS2 | MICS CABG Starter Pak with 7 Octopus® Nuvo, 3 Starfish® NS, MR102, MR103, and ThoraTrak® |
| MICS3 | MICS CABG Starter Pak with 5 Octopus® Nuvo, 5 Starfish® NS, and ThoraTrak® |
| TSMICS1 | Octopus® Nuvo Tissue Stabilizer |
| HP102 | Starfish® NS Heart Positioner |
| 28610 | ThoraTrak® MICS Retractor System |
| MR102 | Mounting Rail |
| MR103 | Universal Stabilizer Mounting Rail |
| 28042 | Table Clamp |
| 28045 | Octopus® Retractor Adapter |
| NUB1 | Starfish® NS Heart Positioner with Rail (5 Starfish® NS Heart Positioner, 1 Mounting Rail) |
| NUB2 | Octopus® Nuvo Tissue Stabilizer with Rail (5 Octopus® Nuvo Tissue Stabilizer, 1 Universal Mounting Rail) |
| NUB3 | Starfish® NS Heart Positioner and Octopus® Nuvo Tissue Stabilizer (1 Starfish® NS Heart Positioner, 1 Octopus® Nuvo Tissue Stabilizer) |
| NUB4 | MICS CABG Pak with Rails (5 Starfish® NS Heart Positioners, 5 Octopus® Nuvo Tissue Stabilizers, 1 Mounting Rail, 1 Universal Mounting Rail) |

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11 pirkimo dalis. Vainikinės arterijos stabilizatorius (vakuminis). Vienkartinis, vakuminis audinių stabilizatorius universaliu, žemo profilio pagrindu, stabiliai tvirtinamu prie retraktoriaus. Žemo profilio, dviejų atšakų, 3600 kampu besisukanti stabilizatoriaus galvutė su permatomis, plastikinėmis taurelėmis

Lankstus vakumo vamzdelis su kraneliu

Lanksti, vienkartinė, nukreipiama bet kuria kryptimi alkūne, stabiliai fiksuojama prisukama rankenėle.



OCTOPUS[®] EVOLUTION

Tissue Stabilizer TS2000



- 1 – Tissue Stabilizer
- 1 – Canister Tubing Set

OCTOPUS[®] EVOLUTION TS2000

Use By 2018-06 **LOT** 2015060961 **ΔTz** : 1



(01)00885074493626(17)180630(10)2015060961 A15450001 Rev.A

PHT
DNHP
DEHP

 **Medtronic**

OCTOPUS[®] EVOLUTION

TS2000

Tissue Stabilizer

Stabilisateur tissulaire

Gewebestabilisator

Estabilizador de tejido

Hartspierstabilisator

Stabilizzatore tessutale

Vevsstabilisator

Sydänstabilisaattori

Vävnadsstabilisator

Σταθεροποιητής ιστού

Vævsstabilisator

Stabilizator pola operacyjnego

Estabilizador de tecido

Doku stabilizatorū

Stabilizátor tkáně

Stabilizátor

Tkanivový stabilizátor

Koestabilisaator

Стабилизатор на тъкани

Uređaj za stabilizaciju tkiva

Audu stabilizēšanas instruments

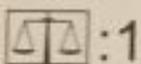
Audinių stabilizatorius

Stabilizator de țesuturi

Стабилизатор тканей

Stabilizator tkiva

Priponoček za stabilizacijo tkiva



:1

Canister Tubing Set

Tubulure du récipient

Behälter-Schlauchset

Juego de tubos del reservorio

Filterbus-tubingset

Set di tubi con raccoglitore per i liquidi

Beholder-slangesett

Imusäiliön letkuserja

Behållarslangset

Σετ σωλήνωσης μεταλλικού δοχείου

Beholder-slangesæt

Zestaw drenów ze zbiornikiem

Conjunto da tubagem da caixa

Kutu boru seti

Sestava hadiček nádoby

Csőtartály

Hadičková sústava nádržky

Kanistri voolikukomplekt

Комплект от тръби

Komplet cijevi kanistra

Tvertnes cauruļu komplekts

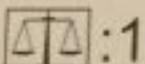
Kanistro vamzdelių rinkinys

Ansambļu tubulaturī recipient

Набор трубок резервуара

Komplet cevčica kanistera

Komplet cevka na vsebniku



:1

USA Rx Only

PYROGEN

STERILE EO



CE
0123

Vienkartinis, vakuminis audinių stabilizatorius

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
M941532A001 Rev. A

12 pirkimo dalis. Širdies viršūnės fiksatorius (vakuminis)



STARFISH® EVO HP3000

Heart Positioner

Positionneur cardiaque
Herzpositionierungssystem
Posicionador cardíaco
Hartspierstabilisator
Posizionatore cardiaco
Hjertemanipulator
Sydånasetin
Hjärtpositionerare
Διάταξη τοποθέτησης
της καρδιάς
Hjertemanipulator
Stabilizator koniuszkowy serca
Posicionador cardíaco
Kalp Konumlayıcı

Polohovací zařízení při operacích srdce
Szívfeltáró
Polohovač srdca
Südame positioneerija
Инструмент за сърдечно позициониране
Uređaj za lociranje srca
Sirds pozicionētājs
Širdies pozicionieris
Dispozitiv de poziționare a inimii
Держатель верхушки сердца
Srčani pozicioner
Pripomoček za spreminjanje
položaja srca

 : 1

Canister Tubing Set

Tubulure du récipient
Behälter-Schlauchset
Juego de tubos del reservorio
Filterbus-tubingsset
Set di tubi con raccoglitore per i liquidi
Beholder-slangesett
Imusäiliön letkuset
Behållarslangset
Σετ σωλήνωσης μεταλλικού δοχείου
Beholder-slangesæt
Zestaw drenów ze zbiornikiem
Conjunto de tubagem da caixa
Kutu boru seti

Sestava hadiček nádoby
Csőtartály
Hadičková sústava nádržky
Kanistri vooliku komplekt
Комплект от тръби
Komplet cijevi kanistra
Tvertnes cauruju komplekts
Kanistro vamzdelių rinkinys
Ansambli tubulaturii recipient
Набор трубок резервуара
Komplet cevčica kanistera
Komplet cevk na vsebniku

 : 1

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PYROGEN

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Minneapolis, MN 55432

Vienkartinis, sterilus, širdies viršūnės stabilizatorius universaliu, žemo profilio pagrindu, stabiliai tvirtinamu prie retraktoriaus.



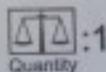
Medtronic

STARFISH® EVO

HP3000

Heart Positioner
Positionneur cardiaque
Herzpositionierungssystem
Posicionador cardíaco
Hartspierstabilisator
Posizionatore cardiaco
Hjertemanipulator
Sydänasetin
Hjärtpositionerare
Διάταξη τοποθέτησης της καρδιάς
Hjertemanipulator
Stabilizator koniuszkowy serca
Posicionador cardíaco

Kalp Konumlayıcı
Polohovací zařízení při operacích srdce
Szívfeltáró
Polohovač srdca
Südame positsioneerija
Инструмент за сърдечно позициониране
Uređaj za lociranje srca
Sirds pozicionētājs
Širdies pozicionierius
Dispozitiv de poziționare a inimii
Держатель верхушки сердца
Srčani pozicioner
Pripomoček za spreminjanje položaja srca



Quantity



Attention, See
Instructions for Use

USA Rx Only

For US Audiences Only

STERILE EO

Sterilized Using Ethylene Oxide

PYROGEN

Nonpyrogenic



Do Not Reuse

CE
0123

5842225A001 Rev. A

Manufacturer:
Medtronic, Inc.
Minneapolis, MN 55432 USA



M942225A001 Rev. A



Europos bendrasis viešųjų pirkimų dokumentas (EBVPD)

I dalis. Informacija apie pirkimo procedūrą ir perkančiąją organizaciją ar perkantįjį subjektą

Informacija apie paskelbimą

Skelbimo numeris OL S (tik tarptautiniams pirkimams):

-

Skelbimo numeris CVP IS (kur rasti?)

621985

Perkančiosios organizacijos / Perkančiojo subjekto tapatybė

Oficialus pavadinimas:

Viešoji įstaiga Klaipėdos jūrininkų ligoninė

Šalis:

Lietuva

Informacija apie pirkimo procedūrą

Procedūros tipas

Atvira

Pavadinimas:

Kaniulės širdies operacijoms

Trumpas aprašymas:

Kaniulės širdies operacijoms. Pirkimas skirstomas į 12 pirkimo dalių

Perkančiosios organizacijos ar perkančiojo subjekto (jei taikoma)

priskirtas dokumento numeris:

621985

II dalis. Informacija apie ekonominės veiklos vykdytoją

A. Informacija apie ekonominės veiklos vykdytoją

Tiekėjo pavadinimas arba vardas ir pavardė (jei fizinis asmuo):

UAB "Sorimpeksas"

Gatvė ir namo numeris:

Šiaulių 16a.

Pašto kodas:

LT44353

Miestas:

Kaunas

Šalis:

Lietuva

Interneto adresas (jei yra):

-

E. paštas:

daiva@sorimpeksas.com

Telefonas:

+370 37 361766

Asmuo ar asmenys ryšiams:

Daiva Macijauskienė

PVM mokėtojo kodas, jei yra:

LT357332412

Jei PVM mokėtojo kodo nėra, nurodykite kitą nacionalinį identifikacinį numerį (Lietuvoje - įmonės kodą)

-

Ar ekonominės veiklos vykdytojas yra labai maža, mažoji ar vidutinė įmonė?

Taip

Ne

Tik tuo atveju, kai pirkimas rezervuotas: ar ekonominės veiklos vykdytojas yra globojama darbo grupė (neįgaliųjų socialinė įmonė), socialinė įmonė? Ar jis vykdys sutartį pagal globojamų darbo grupių (neįgaliųjų socialinių įmonių) užimtumo programas?

Taip

Ne

Jei taikoma, ar ekonominės veiklos vykdytojas įtrauktas į oficialų patvirtintų ekonominės veiklos vykdytojų sąrašą arba ar jis turi lygiavertį sertifikatą (pvz., pagal nacionalinę (išankstinę) kvalifikacijos vertinimo sistemą)? Lietuvos tiekėjai renkasi „ne“

Taip

Ne

- Be to, užpildykite trūkstamą informaciją IV dalies A, B, C arba D skirsniuose, atsižvelgdami į konkretų atvejį TIK jei to reikalaujama atitinkamame skelbime arba pirkimo dokumentuose:

e) Ar ekonominės veiklos vykdytojas galės pateikti sertifikatą dėl socialinio draudimo įmokų ir mokesčių mokėjimo arba pateikti informaciją, kuri leistų perkančiajai organizacijai ar perkančiajam subjektui jį gauti tiesiogiai naudojantis prieiga prie bet kurios iš valstybių narių nemokamos nacionalinės duomenų bazės?

Taip

Ne

Jei atitinkami dokumentai prieinami elektroniniu būdu, nurodykite:

https://draudejai.sodra.lt/draudeju_viesi_duomenys/

Ar ekonominės veiklos vykdytojas pirkimo procedūroje dalyvauja kartu su kitais? Žymima TAIP, jei pasiūlymą teikia ūkio subjektų grupė (konsorciumas) pagal jungtinės veiklos sutartį

Taip

Ne

Jei pirkimas padalintas į dalis, nuoroda į pirkimo dalį (-is), dėl kurios (-ių) ekonominės veiklos vykdytojas nori dalyvauti konkurse:

1 - 9; 11 - 12 pirkimo dalys

B. Informacija apie ekonominės veiklos vykdytojo teisinius atstovus #1

- Šis skirsnis pildomas, jeigu tiekėjo vadovas įgalioja kitą asmenį pasirašyti pasiūlymą, bendrauti su pirkimo vykdytoju, įgalioja atstovauti ir pasirašyti EBVPD, bendrauti su pirkimo vykdytoju dėl EBVPD pateiktos informacijos, teikiamų kvalifikaciją ir pašalinimo pagrindų nebuvimą pagrindžiančių dokumentų, dėl pasiūlymo ir pan.

Jei taikytina, nurodykite asmens (-ų), įgalioto (-ų) atstovauti ekonominės veiklos vykdytojui šios pirkimo procedūros tikslais, vardą ir pavardę ir adresą:

Vardas

Daiva

Pavardė

Macijauskienė

Gimimo data

-

Gimimo vieta

-

Gatvė ir namo numeris:

Šiaulių 16 a.

Pašto kodas:

LT44353

Miestas:

Kaunas

Šalis:

Lietuva

E. paštas:

-

Telefonas:

-

Pareigos arba statusas:

-

Prireikus pateikite išsamią informaciją apie atstovavimą (formą, aprėptį, paskirtį ir t. t.):

-

C. Informacija apie rėmimąsi kitų subjektų pajėgumais

Ar siekdamas patenkinti IV dalyje nurodytus atrankos kriterijus ir V dalyje nurodytus kriterijus bei taisykles (jei tokių yra) ekonominės veiklos vykdytojas remiasi kitų subjektų pajėgumais?

Taip

Ne

D. Informacija apie subrangovus, kurių pajėgumais ekonominės veiklos vykdytojas nesiremia

- (Skirsnį reikia pildyti, tik jei šios informacijos aiškiai reikalauja perkančioji organizacija ar perkantysis subjektas.)

Ar ekonominės veiklos vykdytojas ketina kurias nors sutarties dalis subrangos sutartimi pavesti atlikti trečiosioms šalims?

Taip

Ne

- Jei perkančioji organizacija ar perkantysis subjektas aiškiai prašo šios informacijos, šalia informacijos pagal šį skirsnį, pateikite pagal šios dalies A ir B skirsnius ir III dalį reikalaujamą informaciją apie kiekvieną susijusį subrangovą (subrangovų kategorijas).

III dalis. Pašalinimo pagrindai

A. Su baudžiamaisiais nuosprendžiais susiję pagrindai

Direktyvos 2014/24/ES 57 straipsnio 1 dalyje nustatyti šie pašalinimo pagrindai

A1. Dalyvavimas nusikalstamos organizacijos veikloje (VPĮ 46 str. 1 d. 1 p.)

Ar pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo nuteistas galutiniu teismo sprendimu už dalyvavimą nusikalstamos organizacijos veikloje, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsia? Kaip apibrėžta 2008 m. spalio 24 d. Tarybos pamatinio sprendimo 2008/841/TVR dėl kovos su organizuotu nusikalstamumu 2 straipsnyje (OL L 300, 2008 11 11, p. 42).

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

A2. Korupcija (VPĮ 46 str. 1 d. 2 p.)

Ar pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo nuteistas galutiniu teismo sprendimu už korupciją, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo

laikotarpis tebesitęsia? Kaip apibręžta Konvencijos dėl kovos su korupcija, susijusia su Europos Bendrijų pareigūnais ar Europos Sąjungos valstybių narių pareigūnais, 3 straipsnyje (OL C 195, 1997 6 25, p. 1) ir 2003 m. liepos 22 d. Tarybos pamatinio sprendimo 2003/568/TVR dėl kovos su korupcija privačiame sektoriuje 2 straipsnio 1 dalyje (OL L 192, 2003 7 31, p. 54). Į pašalinimo pagrindus taip pat įtraukta korupcija, kaip apibręžta perkančiosios organizacijos (perkančiojo subjekto) arba ekonominės veiklos vykdytojo nacionalinėje teisėje.

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

A3. Sukčiavimas (VPĮ 46 str. 1 d. 3 p.)

Ar pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo nuteistas galutiniu teismo sprendimu už sukčiavimą, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsia? Pagal Europos Bendrijų finansinių interesų apsaugos konvencijos 1 straipsnį (OL C 316, 1995 11 27, p. 48).

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

A4. Teroristiniai nusikaltimai arba su teroristine veikla susiję nusikaltimai (VPĮ 46 str. 1 d. 5 p.)

Ar pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo nuteistas galutiniu teismo sprendimu už teroristinius nusikaltimus arba

su teroristine veikla susijusius nusikaltimus, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsia? Kaip apibrėžta 2002 m. birželio 13 d. Tarybos pamatinio sprendimo dėl kovos su terorizmu 1 ir 3 straipsniuose (OL L 164, 2002 6 22, p. 3). Į pašalinimo pagrindus taip pat įtrauktas nusikalstamos veikos kurstymas, pagalba ar bendrininkavimas ją vykdant arba kėsinimasis ją įvykdyti, kaip nurodyta to pamatinio sprendimo 4 straipsnyje.

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

A5. Pinigų plovimas arba teroristų finansavimas (VPĮ 46 str. 1 d. 6 p.)

Ar pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo nuteistas galutiniu teismo sprendimu už pinigų plovimą arba teroristų finansavimą, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsia? Kaip apibrėžta 2005 m. spalio 26 d. Europos Parlamento ir Tarybos direktyvos 2005/60/EB dėl finansų sistemos apsaugos nuo jos panaudojimo pinigų plovimui ir teroristų finansavimui 1 straipsnyje (OL L 309, 2005 11 25, p. 15).

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

A6. Vaikų darbas ir kitos prekybos žmonėmis formos (VPĮ 46 str. 1 d. 7 p.)

Ar pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo,

sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo nuteistas galutiniu teismo sprendimu už vaikų darbą arba kitas prekybos žmonėmis formas, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsia? Kaip apibrėžta 2011 m. balandžio 5 d. Europos Parlamento ir Tarybos direktyvos 2011/36/ES dėl prekybos žmonėmis prevencijos, kovos su ja ir aukų apsaugos, pakeičiančios Tarybos pamatinį sprendimą 2002/629/TVR, 2 straipsnyje (OL L 101, 2011 4 15, p. 1).

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

B. Su mokesčių ar socialinio draudimo įmokų mokėjimu susiję pagrindai Direktyvos 2014/24/ES 57 straipsnio 2 dalyje nustatytos šios pašalinimo priežastys

B1. Mokesčių mokėjimas VPĮ 46 str. 3 d.

Ar ekonominės veiklos vykdytojas pažeidė savo pareigas, susijusias su mokesčių mokėjimu, tiek šalyje, kurioje yra įsisteigęs, tiek perkančiosios organizacijos ar perkančiojo subjekto valstybėje narėje, jei tai nėra jo įsisteigimo šalis?

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

B2. Socialinio draudimo įmokų mokėjimas VPĮ 46 str. 3 d.

Ar ekonominės veiklos vykdytojas pažeidė savo pareigas, susijusias su socialinio draudimo įmokų mokėjimu, tiek šalyje, kurioje yra įsisteigęs, tiek perkančiosios organizacijos ar perkančiojo subjekto valstybėje narėje, jei tai nėra jo įsisteigimo šalis?

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

URL

https://draudejai.sodra.lt/draudeju_viesi_duomenys/

Kodas

191630223

Emitentas

Valstybinio socialinio draudimo fondo valdyba prie Socialinės apsaugos ir darbo ministerijos

C. Su nemokumu, interesų konfliktu ar profesiniais nusižengimais susiję pagrindai

Direktyvos 2014/24/ES 57 straipsnio 4 dalyje nustatyti šie pašalinimo pagrindai

C10. Su kitais ekonominės veiklos vykdytojais sudaryti susitarimai, kuriais siekta iškreipti konkurenciją (VPĮ 46 str. 4 d. 1 p.)

Ar ekonominės veiklos vykdytojas su kitais ekonominės veiklos vykdytojais yra sudaręs susitarimų, kuriais siekta iškreipti konkurenciją atliekamame pirkime?

Jūsų atsakymas

Taip

Ne

C11. Rimti profesiniai pažeidimai VPĮ 46 str. 4 d. 7 p., VPĮ 46 str. 6 d. 3 p.

Pirkimams pradėtiems nuo 2022-01-01: Ar ekonominės veiklos vykdytojas yra padaręs rimtą profesinį pažeidimą, kaip nurodyta žemiau?:

a) yra padaręs finansinės atskaitomybės ir audito teisės aktų pažeidimą ir nuo jo padarymo dienos praėjo mažiau kaip vieni metai; **Nuo 2022-08-12**

pildydamas EBVPD tiekėjas yra informuotas ir supranta, kad finansinės atskaitomybės ir audito teisės aktų pažeidimu taip pat gali būti laikomi atvejai, kai tiekėjas nepateikia privalomų finansinės atskaitomybės dokumentų Registru centrai. Išsamiau: <https://vpt.lrv.lt/lt/naujienos/>

finansiniu-ataskaitu-nepateikimas-gali-tapti-kliutimi-dalyvauti-viesuosiuose-pirkimuose

b) neatitinka minimalių patikimo mokesčių mokėtojo kriterijų, nustatytų Lietuvos Respublikos mokesčių administravimo įstatymo 40¹ straipsnio 1 dalyje. Taikant šį tiekėjo pašalinimo iš pirkimo procedūros pagrindą, vadovaujamosi Lietuvos Respublikos mokesčių administravimo įstatymo 40¹ straipsnio 1 dalyje nustatytais terminais, juos skaičiuojant nuo Mokesčių administravimo įstatymo 40¹ straipsnio 1 dalyje nurodytų pažeidimų padarymo dienos, tačiau visais atvejais šie terminai negali būti ilgesni negu 3 metai;

c) yra padaręs draudimo sudaryti draudžiamus susitarimus, įtvirtinto Lietuvos Respublikos konkurencijos įstatyme ar panašaus pobūdžio kitos valstybės teisės akte, pažeidimą ir nuo jo padarymo dienos praėjo mažiau kaip 3 metai;

d) yra padaręs bet kokį kitą rimtą profesinį pažeidimą, nenurodytą aukščiau, nuo kurio padarymo dienos praėjo mažiau kaip vieni metai?

Pirkimams pradėtiems iki 2022-01-01: Ar ekonominės veiklos vykdytojas yra pripažintas kaltu dėl sunkaus profesinio nusižengimo kaip nurodyta žemiau?

I. ar ekonominės veiklos vykdytojas yra padaręs profesinį pažeidimą, kai už finansinės atskaitomybės ir audito teisės aktų pažeidimus ekonominės veiklos vykdytojui ar jo vadovui paskirta administracinė nuobauda ar ekonominė sankcija, nustatytos Lietuvos Respublikos įstatymuose ar kitų valstybių teisės aktuose, ir nuo sprendimo, kuriuo buvo paskirta ši sankcija, įsiteisėjimo dienos arba nuo dienos, kai asmuo įvykdė administracinį nurodymą, praėjo mažiau kaip vieni metai?

II. Ar ekonominės veiklos vykdytojas yra padaręs kurį nors vieną iš žemiau nurodytų rimtų profesinių pažeidimų(taikoma tik tada kai, ir tik tiek, kiek apibrėžta kituose pirkimo dokumentuose):

a) profesinės etikos pažeidimas, kai nuo ekonominės veiklos vykdytojo pripažinimo nesilaikančiu profesinės etikos normų momento praėjo mažiau kaip vieni metai;

b) konkurencijos, darbuotojų saugos ir sveikatos, informacijos apsaugos, intelektinės nuosavybės apsaugos pažeidimas, už kurį ekonominės veiklos vykdytojui ar jo vadovui yra paskirta administracinė nuobauda ar ekonominė sankcija, nustatytos Lietuvos Respublikos ar kitų valstybių įstatymuose, kai nuo sprendimo, kuriuo buvo paskirta ši sankcija, arba nuo dienos, kai asmuo įvykdė administracinį nurodymą, įsiteisėjimo dienos praėjo mažiau kaip vieni metai;

c) draudimo sudaryti draudžiamus susitarimus, įtvirtinto Lietuvos Respublikos konkurencijos įstatyme ar panašaus pobūdžio kitos valstybės teisės akte, pažeidimas, kai nuo sprendimo paskirti Konkurencijos įstatyme ar kitos valstybės teisės akte nustatytą ekonominę sankciją įsiteisėjimo dienos praėjo mažiau kaip 3 metai;

d) ekonominės veiklos vykdytojas, kuris yra fizinis asmuo, arba ekonominės veiklos vykdytojo, kuris yra juridinis asmuo, kita organizacija ar jos padalinys, vadovas, kitas valdymo ar priežiūros organo narys ar kitas asmuo, turintis (turintys) teisę atstovauti ekonominės veiklos vykdytojui ar jį kontroliuoti, jo vardu priimti sprendimą, sudaryti sandorį, arba dalyvis, turintis balsų daugumą juridinio asmens dalyvių susirinkime, yra pripažintas kaltu dėl tyčinio bankroto, kaip jis apibrėžtas Lietuvos Respublikos įmonių bankroto įstatyme ar panašaus pobūdžio kitų valstybių teisės aktuose, kai nuo teismo sprendimo įsiteisėjimo dienos praėjo mažiau kaip 3 metai?

Jūsų atsakymas

Taip

Ne

C12. Interesų konfliktas dėl dalyvavimo pirkimo procedūroje (VPĮ 46 str. 4 d. 2 p.)

Ar ekonominės veiklos vykdytojas žino apie kokius nors [interesų konfliktus](#), kaip nurodyta nacionalinėje teisėje, atitinkamame skelbime ar pirkimo dokumentuose, kylančius dėl jo dalyvavimo pirkimo procedūroje?

Jūsų atsakymas

Taip

Ne

C13. Tiesioginis arba netiesioginis dalyvavimas rengiant šią pirkimo procedūrą (46 str. 4 d. 3 p.)

Ar ekonominės veiklos vykdytojas arba su juo susijusi įmonė konsultavo perkančiąją organizaciją ar perkantįjį subjektą arba kitaip dalyvavo rengiant pirkimo procedūrą?

Jūsų atsakymas

Taip

Ne

C14. Sutarties nutraukimas anksčiau laiko, žala ar kitos panašios sankcijos (VPĮ 46 str. 4 d. 6 p.)

Ar ekonominės veiklos vykdytojas turėjo tokios patirties: ankstesnė viešoji sutartis, ankstesnė sutartis su perkančiuoju subjektu arba ankstesnė koncesijos sutartis buvo nutraukta anksčiau laiko; arba buvo pareikalauta atlyginti su ankstesne sutartimi susijusią žalą ar skirtos kitos panašios sankcijos?

Lietuvoje (be kita ko) - ar ekonominės veiklos vykdytojas yra įtrauktas į nepatikimų tiekėjų sąrašą ?

Jūsų atsakymas

Taip

●Ne

C15. Pripažinimas kaltu dėl faktų iškraipymo, informacijos nuslėpimo, negalėjimas pateikti reikalaujamų dokumentų ir su šia procedūra susijusios konfidencialios informacijos gavimas (46 str. 4 d. 4 p. ir 46 str. 4 d. 5 p.)

Ar ekonominės veiklos vykdytojas yra susijęs su vienu iš šių atvejų, kai jis :

- a) buvo labai iškreipęs faktus pateikdamas informaciją (**pateikęs melagingą informaciją**), reikalingą patikrinti, ar nėra pagrindų pašalinti, arba patikrinti atitiktį atrankos kriterijams;
- b) slėpė tokią informaciją;
- c) dėsė pateikti patvirtinamuosius dokumentus, kurių reikalavo perkančioji organizacija ar perkantysis subjektas,
- d) siekė daryti neteisėtą įtaką perkančiosios organizacijos ar perkančiojo subjekto sprendimų priėmimo procesui, kad gautų konfidencialios informacijos, dėl kurios per pirkimo procedūrą įgytų nepagrįstą pranašumą, arba tyčia teikti klaidinančios informacijos, kuri gali turėti esminės įtakos sprendimams dėl pašalinimo, atrankos ar sutarties skyrimo?

Jūsų atsakymas

Taip

Ne

D. Išimtinai nacionaliniai pašalinimo pagrindai

Išimtinai nacionaliniai pašalinimo pagrindai, nurodyti atitinkamame skelbime ar pirkimo dokumentuose.

D1. Išimtinai nacionaliniai pašalinimo pagrindai (VPĮ 46 str. 1 d. 4 p.)

Pirkimams pradėtiems nuo 2022-01-01:

pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo **nuteistas galutiniu teismo sprendimu už nusikalstamą bankrotą**, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsias?

Pirkimams pradėtiems iki 2022-01-01:

Ar ekonominės veiklos vykdytojas yra susijęs su vienu iš šių atvejų, kai:

- a) jis **neatitinka minimalių patikimo mokesčių mokėtojo kriterijų**, nustatytų Lietuvos Respublikos mokesčių administravimo įstatymo 40¹ straipsnio 1 dalyje ir dėl to laikomas padariusiu šiurkštų profesinį pažeidimą.

b) pats ekonominės veiklos vykdytojas ar bet kuris asmuo, kuris yra jo administracijos, valdymo ar priežiūros organo narys arba turi atstovavimo, sprendimo ar kontrolės įgaliojimus to ekonominės veiklos vykdytojo atžvilgiu, buvo **nuteistas galutiniu teismo sprendimu už nusikalstamą bankrotą**, o nuosprendis priimtas prieš ne daugiau kaip penkerius metus arba kai nuosprendyje aiškiai nustatytas pašalinimo laikotarpis tebesitęsia?

Jūsų atsakymas

Taip

Ne

Ar ši informacija ES valstybės narės duomenų bazėje nemokamai prieinama valdžios institucijoms?

Taip

Ne

IV dalis. Atrankos kriterijai

α. Visų atrankos kriterijų bendra nuoroda

Dėl atrankos kriterijų ekonominės veiklos vykdytojas pareiškia, kad jis atitinka visus reikalaujamus atrankos kriterijus

Jūsų atsakymas

Taip

Ne

Baigti

IV dalis. Baigiamieji pareiškimai

Ekonominės veiklos vykdytojai oficialiai pareiškia, kad II–V dalyse pateikta informacija yra tiksli ir teisinga ir kad ji pateikta visiškai suvokiant didelio faktų iškreipimo padarinius.

Ekonominės veiklos vykdytojai oficialiai pareiškia, kad pareikalavus gali nedelsdami pateikti nurodytus sertifikatus ir kitų formų įrodomuosius dokumentus, išskyrus tuos atvejus, kai:

a) perkančioji organizacija ar perkantysis subjektas turi galimybę atitinkamus patvirtinamuosius dokumentus tiesiogiai gauti naudodamiesi prieiga prie bet kurios iš valstybių narių nemokamos nacionalinės duomenų bazės (su sąlyga, kad ekonominės veiklos vykdytojas pateikė reikalingą informaciją (internetu adresu, išduodančiąją instituciją ar įstaigą, tikslias dokumentų nuorodas),

kuri perkančiajai organizacijai ar perkančiajam subjektui leidžia tai padaryti (pareikalavus dėl tokios prieigos turi būti pridėtas atitinkamas sutikimas), arba b) perkančioji organizacija ar perkantysis subjektas yra gavusi ir turi aktuales susijusius dokumentus iš ankstesnių (kitų) pirkimo procedūrų.

Ekonominės veiklos vykdytojai oficialiai sutinka perkančiajai organizacijai ar perkančiajam subjektui, nurodytam I dalyje, leisti susipažinti su dokumentais, kuriais patvirtinama informacija, pateikta šio Europos bendrojo viešųjų pirkimų dokumento III ir IV dalyse, kiek tai susiję su pirkimu, nurodytu I dalyje.

Data, vieta ir, jei reikia ar būtina, parašas (-ai):

Data

07-06-2022

Vieta

Kaunas

Parašas