

spinal anesthesia needles

1 pirkimo dalis- Adatos punkcinės 20G (quincke tipo arba lygiavertės), 86-90mm



Atrau-com®

- Multi-angle grinded tip with special bending
- Extra thin wall
- Atraumatic

pencil point

- Perfect conic elliptical bevel enables easy access to desired location, without cutting or harming tissues.

quincke tip

- Quincke bevel is formed using state of the art technology. Smooth needle point ensures easy insertion into tissues.
- Perfect matching of stylet and needle bevel prevent coring. Angular tip prevents tissue damage.
- Crystal clear needle hub enables monitoring fluid flow and helps to keep CSF loss at a minimum level.
- Thin wall needle lets faster fluid flow.

kodas

dydis

ilgis

SIZES	reference	product name	gauge	color	length mm	length inch
 <p>quincke</p> <p>Quincke tip</p>	TSPQ1875	18 G – 75 mm Spinal Needle Quincke Bevel	18G		75mm	3"
	TSPQ1890	18 G – 90 mm Spinal Needle Quincke Bevel	18G		90mm	3½"
	TSPQ1990	19G – 90 mm Spinal Needle Quincke Bevel	19G		90mm	3½"
	TSPQ2075	20 G – 75 mm Spinal Needle Quincke Bevel	20G		75mm	3"
	TSPQ2090	20 G – 90 mm Spinal Needle Quincke Bevel	20G		90mm	3½"
	TSPQ2190	21 G – 90 mm Spinal Needle Quincke Bevel	21G		90mm	3½"
	TSPQ2240	22 G – 40 mm Spinal Needle Quincke Bevel	22G		40mm	1½"
	TSPQ2275	22 G – 75 mm Spinal Needle Quincke Bevel	22G		75mm	3"
	TSPQ2290	22 G – 90 mm Spinal Needle Quincke Bevel	22G		90mm	3½"
	TSPQ22120	22 G – 120 mm Spinal Needle Quincke Bevel	22G		120mm	4¾"
	TSPQ2390	23G – 90 mm Spinal Needle Quincke Bevel	23G		90mm	3½"
	TSPQ2490	24 G – 90 mm Spinal Needle Quincke Bevel	24G		90mm	3½"
	TSPQ2575	25 G – 75 mm Spinal Needle Quincke Bevel	25G		75mm	3"
	TSPQ2590	25 G – 90 mm Spinal Needle Quincke Bevel	25G		90mm	3½"
	TSPQK2590	25 G – 90 mm Spinal Needle Quincke Bevel with Guide	25G		90mm	3½"
	TSPQK25103	25 G – 103 mm Spinal Needle Quincke Bevel with Guide	25G		103mm	4"
	TSPQK25120	25 G – 120 mm Spinal Needle Quincke Bevel with Guide	25G		120mm	4¾"
	TSPQ2690	26 G – 90 mm Spinal Needle Quincke Bevel	26G		90mm	3½"
	TSPQK2690	26 G – 90 mm Spinal Needle Quincke Bevel with Guide	26G		90mm	3½"
	TSPQK26103	26G – 103 mm Spinal Needle Quincke Bevel with Guide	26G		103mm	4"
	TSPQK26120	26G – 120 mm Spinal Needle Quincke Bevel with Guide	26G		120mm	4¾"
	TSPQ2790	27 G – 90 mm Spinal Needle Quincke Bevel	27G		90mm	3½"
	TSPQK2790	27 G – 90 mm Spinal Needle Quincke Bevel with Guide	27G		90mm	3½"
	TSPQK27103	27 G – 103 mm Spinal Needle Quincke Bevel with Guide	27G		103mm	4"
	TSPQK27120	27 G – 120 mm Spinal Needle Quincke Bevel with Guide	27G		120mm	4¾"
	TSPQ2990	29G – 90 mm Spinal Needle Quincke Bevel	29G		90mm	3½"
	TSPQK2990	29G – 90 mm Spinal Needle Quincke Bevel with Guide	29G		90mm	3½"
	TSPQK29120	29G – 120 mm Spinal Needle Quincke Bevel with Guide	29G		120mm	4¾"

SIZES	reference	product name	gauge	color	length mm	length inch
 <p>pencil point</p>	TSP2290	22 G – 90 mm Spinal Needle Pencil Point	22G		90mm	3½"
	TSPPK2290	22 G – 90 mm Spinal Needle Pencil Point with Guide	22G		90mm	3½"
	TSP2390	23 G – 90 mm Spinal Needle Pencil Point	23G		90mm	3½"
	TSP2490	24 G – 90 mm Spinal Needle Pencil Point	24G		90mm	3½"
	TSP2590	25 G – 90 mm Spinal Needle Pencil Point	25G		90mm	3½"
	TSPPK2590	25 G – 90 mm Spinal Needle Pencil Point with Guide	25G		90mm	3½"
	TSPPK25103	25 G – 103 mm Spinal Needle Pencil Point with Guide	25G		103mm	4"
	TSPPK25120	25 G – 120 mm Spinal Needle Pencil Point with Guide	25G		120mm	4¾"
	TSP2690	26 G – 90 mm Spinal Needle Pencil Point	26G		90mm	3½"
	TSPPK2690	26 G – 90 mm Spinal Needle Pencil Point with Guide	26G		90mm	3½"
	TSPPK26103	26 G – 103 mm Spinal Needle Pencil Point with Guide	26G		103mm	4"
	TSP2790	27 G – 90 mm Spinal Needle Pencil Point	27G		90mm	3½"
	TSPPK2790	27 G – 90 mm Spinal Needle Pencil Point with Guide	27G		90mm	3½"
	TSPPK27103	27 G – 103 mm Spinal Needle Pencil Point with Guide	27G		103mm	4"
	TSPPK27120	27 G – 120 mm Spinal Needle Pencil Point with Guide	27G		120mm	4¾"
	TSP2990	29 G – 90 mm Spinal Needle Pencil Point	29G		90mm	3½"
	TSPPK2990	29 G – 90 mm Spinal Needle Pencil Point with Guide	29G		90mm	3½"

SIZES	reference	product name	gauge	color	length mm	length inch
 <p>atrau-com®</p>	TSPAK2590	25 G – 90 mm Atraucom Spinal Needle with Guide	25G		90mm	3½"
	TSPAK25100	25 G – 100 mm Atraucom Spinal Needle with Guide	25G		100mm	4"
	TSPA2650	26 G – 50 mm Atraucom Spinal Needle	26G		50mm	2"
	TSPAK2688	26 G – 88 mm Atraucom Spinal Needle with Guide	26G		88mm	3½"
	TSPAK26100	26 G – 100 mm Atraucom Spinal Needle with Guide	26G		100mm	4"

Spinalinės anestezijos adatos

Atraucom tipo

- Daugiakampių galiuku, specialiai išlenkta
- Ypač plona sienele
- Atraumatinė

Pieštukinės

- Ideali konusinė eliptinė nuopjova leidžia lengvai pasiekti lokaciją be pjovimo ir audinių pažeidimų

Quincke tipo galiuku

- Quincke nuopjova suformuota specialia technologija
- Tolygus adatos galiukas užtikrina lengvą įvedimą
- Idealiai suderintas stiletas su adatos nuopjova. Kampuotas galiukas apsaugo audinius nuo pažeidimų
- Itin skaidri adatos jungtis leidžia stebėti skysčio tekėjimą ir padeda palaikyti jo netekimą minimaliame lygyje.
- Plona sienelė leidžia skysčiams tekėti greičiau.

KARMAN ŞİRINGA Karman Syringe

Tek ve çift valfli
Manuel vakumlu
5 ml Medikal grade silikon
Yedek malzemeler
Reusable
4, 5, 6, 7 kanüller tek valfli
8, 10, 12, kanüller çift valfli
şırınga ile kullanılır.

Single and double valve
Manual vacuum
5 ml Medical grade silicon
Spare parts
Reusable
4, 5, 6, 7 karmans - can be use with single
valve syringe
8, 10, 12 karmans - can be use with double
valve syringe



Tip/Type	Ref No
Tek Valfli/Single Valve	240 102
Çift Valfli/Double Valve	240 101

P.d. 12

KARMAN KANUL Karman Canula

Tip/Type	Ref No
No : 4	240 111
No : 5	240 112
No : 6	240 113
No : 7	240 114
No : 8	240 115
No : 9	240 116
No : 10	240 117
No : 11	240 119
No : 12	240 118

**ENDOMETRİAL ÖRNEK ALMA KANULÜ
Endometrial Cell Sampler Cannula**

Yuvarlatılmış uç
Hassas derecelendirilmiş silindir
Sızdırmaz steril conta
3,1 mm dış çap

Rounded tip
Precisely graduated cylinder
Sterile
3,1 mm outside diameter



Tip/Type	Ref No
Standart Steril/Sterile	240 201



KARMAN Kaniulė



Viengubo arba dvigubo vožtuvo variantai

Rankinis vakuumas

Medicininės paskirties silikonas 5ml

Atsarginės dalys

Dydis	Katalogo nr.
Nr:4	240 111
Nr:5	240 112
Nr:6	240 113
Nr:7	240 114
Nr:8	240 115
Nr:9	240 116
Nr:10	240 117
Nr:11	240 119
Nr:12	240 118

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1. PRODUCT SPECIFICATIONS

1.1. THE RAW MATERIAL, MATERIAL and MACHINE for KARMAN SYRINGE with SINGLE VALVE

	THE NAME of PART	RAW MATERIAL	PART CODE	MEASURES	MACHINE
1	BARREL of THE SYRINGE	POLYPROPYLENE	1K11	Weight: 20,09 gr Total length: 155±1mm Internal diameter : 26,70±0,1mm Nominal volume: 60 ml	Inj.-Press
2	PLUNGER of THE SYRINGE	POM	1K03	Weight : 30 g ± 1 g total length: 169,5±0,2mm piston tip external diameter: 26,5±0,1mm meas.for O-ring: 22,3±0,1mm	Inj.-Press
3	O-RING GASKET	RUBBER	PSTRNG	(O-ring in barrel of the syringe) O-ring thickness: 3±0,1mm O-ring int.dia.: 28±0,1mm	Purchase
4	KARMAN SYRINGE SEGMENT	ABS	1K02	Weight: 0,5gr ±0,1gr Thickness of segment pim: 2,1±0,2mm	Inj.-Press
5	KARMAN SYRINGE NOZZLE GASKET	SEBS 40 ShA	1K01	Weight: 3,6 g ±1g Gasket length: 58±1mm Ext.dia. /nozzle tip: 9,2±0,3mm Int.dia./nozzle tip: 6,0±0,4mm Weight of complete nozzle and valve part: 12,42 gr	Inj.-Press
6	THE PART of THE LOCK MECHANISM (NOZZLE)	ABS	1K04	Weight : 6 g ± 0,3 g Total length: 50±0,2mm Int.dia./rub.place: 13,5±0,2mm Int.dia./karmAn tip: 9,5±0,2mm Meas./hole for lock part: (9,9x6,5) ±0,3mm	Inj.-Press
7	LOCK PART	ABS	1K02	Weigh of lock part: 0,9 g ±0,2g Total length of lock part: 18,4±0,3mm internal diam.for lock tap: 2,45±0,2mm Weight of button: 0,47 g ±0,1g Diameter.of button pim: 2,45±0,2mm	Inj.-Press

1.2.THE RAW MATERIAL, MATERIAL and MACHINE for KARMAN SYRINGE with DOUBLE VALVE

	THE NAME of PART	RAW MATERIAL	PART CODE	MEASURES	MACHINE
1	BARREL of THE SYRINGE	POLYPROPYLENE	1K11	Weight: 19,45 gr Total length: 136±1mm Internal diameter : 26,70±0,1mm Nominal volume: 60 ml	Inj.-Press
2	PLUNGER of THE SYRINGE	POM	1K03	Weight : 30 g ± 1 g total length: 169,5±0,2mm piston tip external diameter: 26,5±0,1mm meas.for O-ring: 22,3±0,1mm	Inj.-Press
3	O-RING GASKET	RUBBER	PSTRNG	(O-ring in nozzle lock bearing) O-ring thickness: 2,62±0,1mm O-ring ext.dia.: 27±0,1mm O-ring int.dia.: 22,25±0,1mm (O-ring in barrel of the syringe) O-ring thickness: 3±0,1mm O-ring int.dia.: 28±0,1mm	Purchase
4	KARMAN SYRINGE SEGMENT	ABS	1K07	Weight: 1,25g ±0,2g Ext.diameter: 33,7±0,2mm	Inj.-Press

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5	THE PART of THE LOCK MECHANISM (NOZZLE)	ABS	1K07 1K08	Length of nozzle: 93mm \pm 0,2mm Weigth of nozzle: 9,6 g \pm 0,2 g Weight of nozzle holder : 8,6 g \pm 0,2 g Weight of nozzle lock bearing:4,7g \pm 0,2 g place holder inner diameter cannula nozle: 12,4 \pm 0,1mm nozle lock bearing inner diameter:33,7 \pm 0,2mm Weight of complete nozzle and valve part: 32,67 gr	Inj.-Press
6	LOCK PART	ABS	1K07	Weigh of lock part: 1 g \pm 0,2g Measures of lock part entry: 12x8,2 \pm 0,1mm internal diam.for lock tap: 4,20 \pm 0,1mm Weight of button: 1,5 g \pm 0,2g Diameter.of button pim: 4,15 \pm 0,1mm	Inj.-Press

1.3. THE RAW MATERIAL, MATERIAL and MACHINE for KARMAN CANNULA:

	THE NAME of PART	RAW MATERIAL	PART CODE	MEASURES	MACHINE
1	THE TUBE of THE CARMAN CANNULA	LOW DENSITY POLYETHLENE	KRMKNL	Internal Diameter of No4 : 2,6 \pm 0,2mm External Diameter of No4: 4 \pm 0,2mm Internal Diameter of No5 : 3,7 \pm 0,2mm External Diameter of No5: 5 \pm 0,2mm Internal Diameter of No6 : 4,6 \pm 0,2mm External Diameter of No6: 6 \pm 0,2mm Internal Diameter of No7 : 5,4 \pm 0,2mm External Diameter of No7: 7,2 \pm 0,2mm Internal Diameter of No8 :5,8 \pm 0,2mm External Diameter of No8: 8 \pm 0,2mm Internal Diameter of No9 : 6,8 \pm 0,2mm External Diameter of No9: 9 \pm 0,2mm Internal Diameter of No10 : 7,5 \pm 0,2mm External Diameter of No10: 10 \pm 0,2mm Internal Diameter of No12 : 9,5 \pm 0,2mm External Diameter of No12: 12 \pm 0,2mm distance between dist.tip and scala: 60 \pm 0,5mm Kaniülės ilgis Length of cannulaes: 23 cm \pm 2cm	Purchase
2	ADAPTOR for: CANNULA NO: 4, 5	LOW DENSITY POLYETHLENE	KNLADP	Length: 40 \pm 5mm External diameter: 6 \pm 0,4mm Internal diameter for No:4: 4,15 \pm 0,05mm Internal diameter for No:5: 5,15 \pm 0,05mm	Purchase
3	ADAPTOR for: CANNULA NO : 7, 8, 9, 10, 12	LOW DENSITY POLYETHLENE	KNLADP		

- **PACKAGE and BOX:**

PREPARED BY: Coskun DURMAYUKSEL

APPROVED BY: Muammer Berksöz

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PRODUCT TYPES		THE MEASURE of PE POUCH	THE MEASURE of CARTOON BOX	BOX UNITS	WEIGHT of BOX
240 101	KARMAN SYRINGE-SINGLE VALVE	13x35cm	40 x 40 x 36 cm	50	6 kg
240 102	KARMAN SYRINGE- DOUBLE VALVE	13x35cm	40 x 40 x 36 cm	80	8,3 kg
REF. NO	KARMAN CANNULA	THE MEASURE of STERILIZATION ROLL	THE MEASURE of CARTOON BOX	BOX UNITS	WEIGHT of BOX
240 111	NO: 4	4x29,5 cm	40 x 40 x 36 cm	1500 unit	6,4 kg
240 112	NO: 5	4x29,5 cm	40 x 40 x 36 cm	1500 unit	6,8 kg
240 113	NO: 6	4x29,5 cm	40 x 40 x 36 cm	1500 unit	7,0 kg
240 114	NO: 7	4x29,5 cm	40 x 40 x 36 cm	1500 unit	8,6 kg
240 115	NO: 8	4x29,5 cm	40 x 40 x 36 cm	1000 unit	10,5 kg
240 116	NO: 9	4x29,5 cm	40 x 40 x 36 cm	1000 unit	-
240 117	NO: 10	4x29,5 cm	40 x 40 x 36 cm	1000 unit	10,5 kg
240 118	NO: 12	4x29,5 cm	40 x 40 x 36 cm	1000 unit	13,0 kg

PREPARED BY: Coskun DURMAYUKSEL

APPROVED BY: Muammer Berksöz

1.4 KARMAN CANNULA:

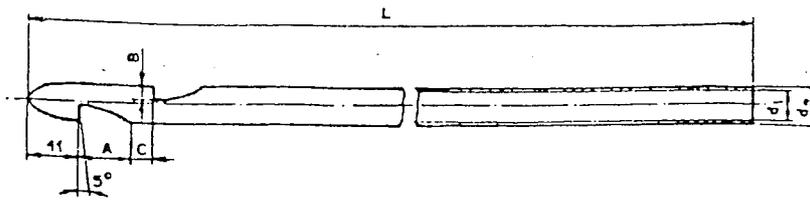


TABLE 1: MEASURES for LATERAL EYES and TUBE DIAMETER of CARMAN CANNULA NO: 4,5,6,7,8

NOMINAL NO	D2	D1	A	B	C	L
NO: 4	4	3,0	6,0	1,80	2,0	200
NO: 5	5	3,5	7,5	2,25	2,5	200
NO: 6	6	4,5	9,0	2,70	3,0	200
NO: 7	7	5,5	10,0	3,10	3,5	200
NO: 8	8	6,5	12,0	3,60	4,0	200

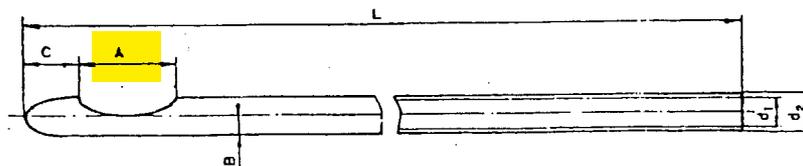


TABLE 2: MEASURES for LATERAL EYES and TUBE DIAMETER of CARMAN CANNULA NO: 9, 10, 12

NOMINAL NO	D2	D1	A	B	C	L
NO: 9	9	7,5	22	4,5	4,0	230
NO: 10	10	8,5	23	5,0	4,5	230
NO: 12	12	10,5	26	6,0	5,0	230

periferinio atsiurbėjo galo anga iki 3 cm

***** MEASURES in "mm". Tolerances is in ±%2,5.**

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TABLE 3: ADAPTOR for CANNULA NO: 4 and 5

ANMA NUMARASI	D2	DI	L	RENK		
NO: 4	6	4	40	Yellow		
NO: 5	6	5	40	Green		

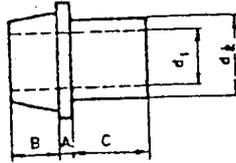


TABLE 4: ADAPTOR for CANNULA NO: 6, 7, 8, 9, 10

ANMA NUMARASI	D2	DI	A	B	C	RENK	L
NO: 6	12	6	3	10	15	Blue	28
NO: 7	12	7	3	10	15	Light brown	28
NO: 8	12	8	3	10	15	Orange	28
NO: 9	12	9	3	10	15	Brown	28
NO: 10	12	10	3	10	15	Dark green	28

*** MEASURES in "mm". Tolerances is in $\pm 2,5$.

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1.4. THE STANDARD SPECIFICATION OF THE PRODUCT:

1.4.1. KARMAN SYRINGE

THE STANDARD SPECIFICATION OF THE PRODUCT TS 7557:1989, TS 7558:1989, TS 6074:1988			
<i>SPECIFICATION</i>	<i>VALUE</i>		TOLERANCE
NOMINAL VOLUME of THE KARMAN SYRINGE	50ml		≥60ml
VISUAL SPECIFICATION and STRUCTURAL SECURITY	It must not be bored, cracked, bubbled, free particles, sharp edge. The plunger must have smooth and linear action in the barrel.		-
SUCTION POWER of THE SYRINGE/NEGATIVE PRESSURE	≥negative pressure 86.5 kN/m ² , 650mm Hg after 24 hours, losing pressure may be ≤%10.		
THE STRENGTH of THE VALVE (LOCKING MECHANISM)	When the test is applied, it must not be appeared any deformation and decrease product performance.		-
THE STRENGTH of THE LOCK of THE PLUNGER	When the test is applied, it must not be appeared any deformation and decrease product performance.		-
THE MOVEMENT in THE BARREL of THE PLUNGER	The plunger must have smooth and linear action in the barrel and the plunger must completely placed in the barrel.		-
NOZZLE of THE SYRINGE	%6 LUER		
DIMENSIONAL SPECIFICATION of THE KARMAN SYRINGE Technical Drawing No: 240101, 240102, KRMSLN, 1K03, PSTRNG, 1K02/3, 1K01, 1K04, 1K02/1 1K02/2			
DIMENSIONS	<i>240 101 with single valve</i>	<i>240 102 with double valve</i>	TOLERANCE
TOTAL LENGTH of THE BARREL	155	155	±1 mm
INTERNAL DIAMETER of THE BARREL	26,5	26,5	±0,1mm
EXTERNAL DIAMETER of THE LUER TIP	8,3	8,3	±0,5mm
INTERNAL DIAMETER of THE LUER TIP	6,0	6,0	±0,5mm
TOTAL LENGTH of THE PLUNGER	169,5	169,5	±0,2mm
DIAMETER of THE PLUNGER	26,5	26,5	±0,1mm
DIAMETER of O-RING of THE PLUNGER	27,2	27,2	±0,1mm
DISTANCE BETWEEN TWO PINS of THE SYRINGE SEGMENT	19	19	±0,2mm
DIAMETER of THE SEGMENT	30,0	30,0	±0,3mm
DIAMETER of THE PIN of THE SEGMENT	2,1	2,1	±0,1mm
LENGTH of THE SEGMENT PIN	4,7	4,7	±0,2mm
TOTAL LENGTH of THE NOZZLE GASKET	58	58	±1mm
INT. DIAMETER of THE TIP of THE NOZZLE GASKET	6,0	6,0	±0,2mm
LENGTH of THE LOCK MECHANISM	50		±0,2mm
DIMENSIONS of HOLE for LOCK PART	10x6,75		±0,1mm
COG MEASURE for LOCKING	1,25		±0,05mm

PREPARED BY: Coskun DURMAYUKSEL

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1.4.2.KARMAN CANNULA

THE STANDARD SPESIFICATION of THE PRODUCT –TS 6074:1988									
<i>PRODUCT SPESIFICATIONS</i>	<i>VALUE</i>								TOLERANCE
VISUAL SPESIFICATION and STRUCTURAL SECURITY	External and external surfaces must be smooth. It must be equally circular cross-section. Distal tip must be closed and atraumatic and have two lateral eyes for no: 4, 5, 6, 7, 8-single eye for no: 9,10,12								-
THE TIGHTNESS of THE CONNECTION BETWEEN ADAPTOR and CANNULA for 4 and 5.	Adaptor has length in 4mm and external diameter must be 6mm . Cannula must be inserted to the adaptor as not get out.								diametras - 6 mm
THE TIGHTNESS of THE CONNECTION BETWEEN ADAPTOR and CANNULA for 6, 7, 8, 9 and 10.	Adaptor must be harmonies with the tip in 12mm of the syringe with double valve. Connection between adaptor and cannula must be tight.								
SCALA LINES of THE CANNULA	There must be at least 5 pieces centimeter signs that must to begin, where beyond 6 cm from the distal end of the cannula.								
THE TIGHTNESS of THE CONNECTION BETWEEN KARMAN CANNULA and CARMAN SYRINGE	Leakage must not be at the connection points between and karman cannula and carman syringe. It must be controlled the suction power of the syringe.								-
THE STRENGTH of THE NEGATIVE PRESSURE of THE CARMAN CANNULA	It must not be form deformation in shape of the carman cannula.								-
STERILITY TEST	IT MUST BE STERILE sterilüs								-
PYROGENITY TEST	IT MUST BE APYROGEN apirojeniški								-
DIMENSIONAL SPESIFICATION of THE CARMAN CANNULA									
<i>CANNULA NO:</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>12</i>	TOLERANCE
NOMINAL EXT.DIAMETER	4	5	6	7	8	9	10	12	±%2.5mm
MINIMUM INT.DIAMETER	3,0	3,5	4,5	5,5	6,5	7,5	8,5	10,5	±%2.5mm
THE COLORS of THE ADAPTOR	SARI	YEŞİL	MAVİ	AÇIK KAHVE RENGİ	TURUNCU	KAHVE RENGİ	KOYU YEŞİL	LACİVERT	
THE LENGTH of THE LATERAL EYE	6,0	7,5	9,0	10,0	12,0	22,0	23,0	26,0	±%2.5mm
RADIUS of THE LATERAL EYE	1,80	2,25	2,70	3,10	3,60	4,5	5,0	6,0	±%2.5mm
DIST.BETWEEN TWO LAT.EYES	2,0	2,5	3,0	3,5	4,0	-	-	-	±%2.5mm
DIST.BETWEEN DIST.END and LATERAL EYE	4	4	4	4	4,5	5,5	5,5	5,5	±%2.5mm
DIST.BETWEEN DISTAL END and SCALA LINES	60	60	60	60	60	60	60	60	±%2.5mm
THE LENGTH of THE CANNULA	200	200	200	200	200	230	230	230	±%2.5mm

PREPARED BY: Coskun DURMAYUKSEL

APPROVED BY: Muammer Berksöz

	TECHNICAL FILE KARMAN SYRINGE & KARMAN CANNULA Ref.MDD 93/42/EEC (2007/47/EC) <i>Product Ref. No: 240XXX</i>	Document No	KYS.TD.023/4
		Revision No	02
		Revision Date	31.01.2011
		Issue Date	15.03.2005
		Page Number	8/8

1.1. TEST METODLARI

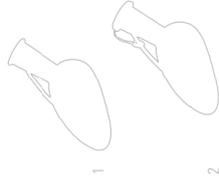
- 1.1.1. VISUAL SPESIFICATION of THE KARMAN SYRINGE and MEASURES of DIMENSIONS – *TEST NO: 240-001*
- 1.1.2. VISUAL SPESIFICATION of THE KARMAN CANNULA and MEASURES of DIMENSIONS – *TEST NO: 240-002*
- 1.1.3. SUCTION POWER of THE KARMAN SYRINGE – *TEST NO: 240-003*
- 1.1.4. THE STRENGTH of THE VALVE (LOCK MECHANISM) of KARMAN SYRINGE – *TEST NO: 240-004*
- 1.1.5. THE STRENGTH of THE LOCK of THE PLUNGER – *TEST NO: 240-005*
- 1.1.6. THE STRENGTH of THE NEGATIVE PRESSURE of THE KARMAN CANNULA – *TEST NO: 240-006*
- 1.1.7. STERILITY TEST of THE KARMAN KANNULA – *TEST NO: 240-007*
- 1.1.8. PYROGENITY TEST of THE KARMAN KANNULA – *TEST NO: 240-008*

P.d. 13



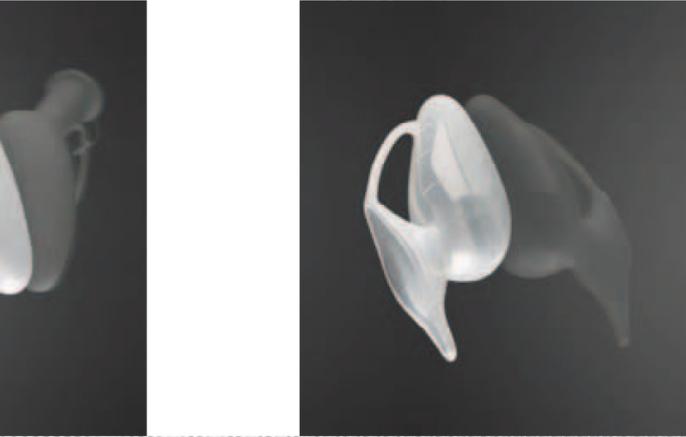
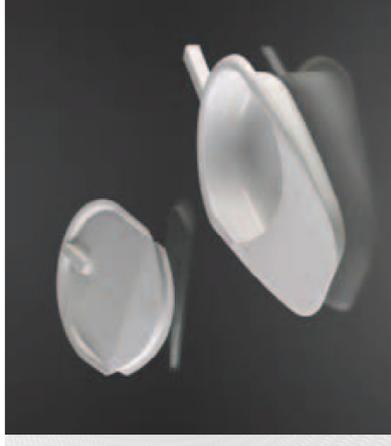
Urinali uomo
Men's urinals

1	25111	Urinale uomo in polietilene con sacchetto <i>Men's urinal 1000 ml in polyethylene individually wrapped</i>
2	25112	Urinale uomo in polietilene con tappo in sacchetto <i>Men's urinal 1000 ml in polyethylene with cap individually wrapped</i>



Padelle per ammalati
Bed pans

1	25120	Padella per ammalati in polipropilene con sacchetto <i>Bed pan in polypropylene individually wrapped</i>
2	25126	Coperchio per padella in polipropilene con sacchetto <i>Cover for bed pan in polypropylene individually wrapped</i>



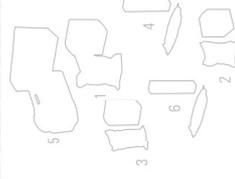
Urinali donna
Women's urinals

1	25118	Urinale donna in polipropilene con sacchetto <i>Woman's urinal 1000 ml in polypropylene individually wrapped</i>
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Linea farmacia
Containers in single box

1	25177	Urntainer® contenitore 120 ml per urina in polipropilene tappo a vite, confezione singola, sterile, in astuccio <i>Urntainer® urine container 120 ml in polypropylene with screw cap, individually wrapped, sterile, in single box</i>
3	25193	Coprotainer® contenitore 60 ml per feci in polipropilene tappo a vite confezione singola, sterile, in astuccio <i>Coprotainer® faeces container 60 ml in polypropylene with screw cap, individually wrapped, sterile, in single box</i>
4	25190	Urntainer® provetta 12 ml per urina in polistirolo con tappo blu, etichetta, confezione singola, sterile, in astuccio <i>Urntainer® urine test tube 12 ml in polystyrene with blue cap and label, individually wrapped, sterile, in single box</i>
5	25106	Urntainer® tanica 2500 ml per raccolta urina 24 h in polietilene, in astuccio <i>Urntainer® urine tank 2500 ml in polyethylene for 24 hour urine collection, in single box</i>
2	25178	Urntansfer® contenitore 120 ml per urina con sistema di aspirazione per provette sottovuoto, in polipropilene tappo a vite, confezione singola, sterile, in astuccio <i>Urntansfer® urine container 120 ml for vacuum tubes in polypropylene with screw cap, individually wrapped, sterile, in single box</i>
6	25198	Urntansfer® provetta sottovuoto 16x100 mm senza preservante x 10 ml di urina, tappo giallo, confezione singola, sterile, in astuccio <i>Urntansfer® vacuum tube 16x100 mm without preservative x 10 ml of urine, yellow cap, sterile, in single box</i>





F.L. MEDICAL s.r.l. Unipersonale
 Via Enrico Mattei, 20 – 35038 TORREGLIA (Padova) – Italy
 Tel. +39 049 5211475 / +39 049 5212835 - Fax +39 049 5212566
 e-mail: info@flmedical.com - web site: www.flmedical.com
 C.F. e P.IVA 01134840287 - Cap Soc. 90.000 € i.v.
 Reg. Imp. di Padova n. 21695 - R.E.A. di Padova n. 187254

SCHEDA TECNICA / TECHNICAL INFORMATION
ARTICOLO / ITEM 25120

Edizione / Release 30/01/2012 rev. 0 - 30/01/2012

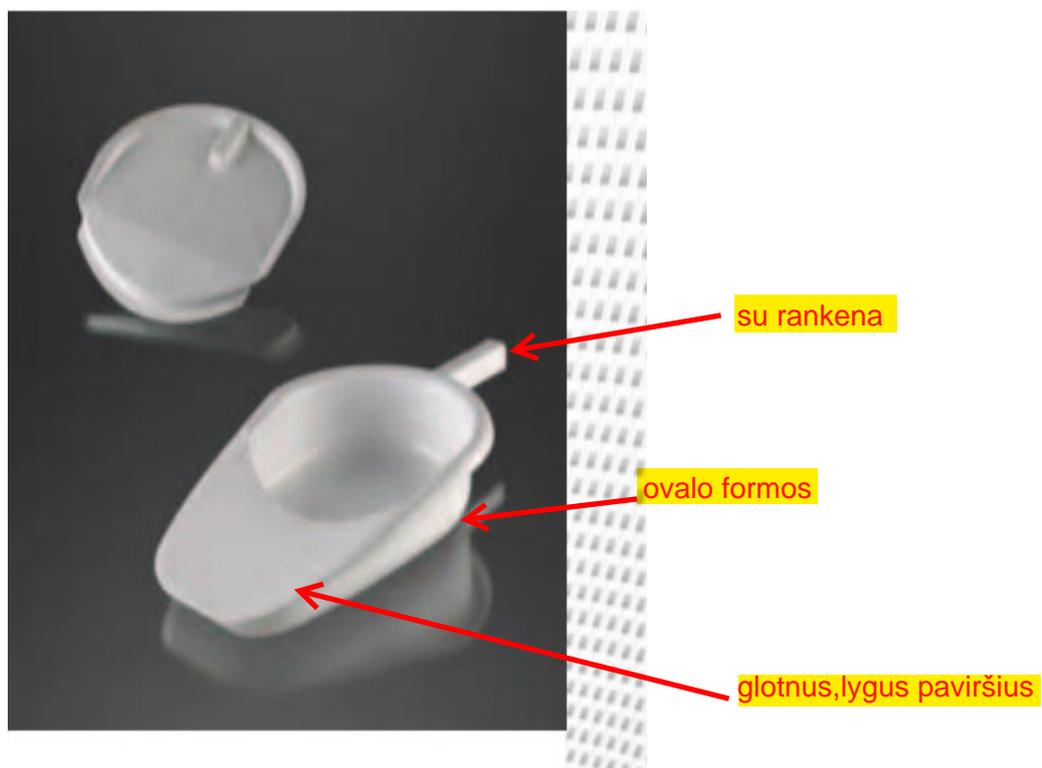
PROMED® PADELLA PER AMMALATI IN POLIPROPILENE CON SACCHETTO
PROMED® BED PAN IN POLYPROPYLENE INDIVIDUALLY WRAPPED

Produttore / Manufacturer:	F.L. MEDICAL s.r.l.
Indirizzo / Address:	Via Enrico Mattei, 20 35038 Torreglia (PD) Italy

1. Capacità / Capacity:	2500 ml
2. Materiale / Material:	POLIPROPILENE / POLYPROPYLENE
3. Colore Prodotto / Item Colour:	BIANCO TRASLUCIDO / TRANSLUCENT WHITE
4. Confezionamento / Packaging:	CONFEZIONE DA 20 PZ / 20 PCS PER BOX
5. Confezionamento interno / Inner packaging:	NO
6. Sterilizzazione / Sterilization:	NO
7. Misure esterne/Outside sizes:	51 x 28 x 9 cm
8. Volume Scatola mc / Box volume cbm:	0,156 (69,7 x 43,7 x 51,2 cm)
9. Volume Padella mc / Bed pan volume cbm:	0,011 (51 x 28 x 8 cm)
10. Peso Scatola Kg / Box weight Kg:	6,7
11. Conformità / Conformity:	DIRETTIVA 93/42/CE / DIRECTIVE 93/42/CE
12. Numero CND	V0499
13. Numero Repertorio	69955
14. Stoccaggio / Storage:	NON PORRE A CONTATTO O NELLE VICINANZE DI FIAMME; NON DISPERDERE IL PRODOTTO NELL'AMBIENTE IN QUANTO NON BIODEGRADABILE; LEGGERE LE ISTRUZIONI E LE AVVERTENZE D'USO / DO NOT EXPOSE OR LEAVE NEAR FLAMES; PRODUCT NOT BIODEGRADABLE DO NOT LEAVE IN THE ENVIRONMENT; READ THE INSTRUCTIONS FOR USE AND WARNINGS
15. Note / Notes:	IL PRODOTTO PUÒ ESSERE LAVATO ALLA TEMPERATURA MASSIMA DI 80°C / THE PRODUCT CAN BE WASHED AT 80°C MAXIMUM produktas gali būti plaunamas plovimo mašinose



Basonas su dangčiu



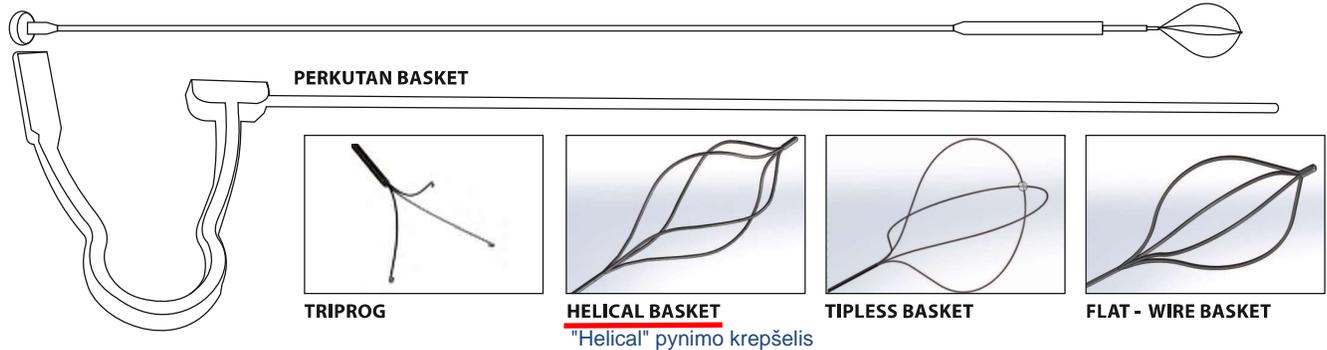
- Plastikinis basonas. Išmatavimai:

➤ 51 x 28 x 9 cm

- Plastikinis dangtis basonui
- Įpakuoti atskirai
-

Used for stone manipulation and removal in the urinary tract. The nitinol memory wire allows the basket to retain its shape following extreme torsion. The unique tiptless design aids in calyceal stone capture by allowing the basket to open at the base of the calyx or in the ureter and encircle the stone. The tiptless

Poz. 14



HELICAL BASKET
"Helical" pynimo krepšelis

LUMINA® NITINOL STONE BASKETS		
CODE	DESCRIPTION	QTY/ BOX
7743090	LUMINA STONE BASKET 3.0 FR. 4 WIRE 90 CM (H)	5/BOX
7744090	LUMINA STONE BASKET 4.0 FR. 4 WIRE 90 CM (H)	5/BOX
7753090	LUMINA STONE BASKET 3.0 FR. 5 WIRE 90 CM (H)	5/BOX
7754090	LUMINA STONE BASKET 4.0 FR. 5 WIRE 90 CM (H)	5/BOX
7743011	LUMINA STONE BASKET 3.0 FR. 4 WIRE 110 CM (H)3 Fr 4 vielučių 110 cm	5/BOX
7744011	LUMINA STONE BASKET 4.0 FR. 4 WIRE 110 CM (H)helical pynimo	5/BOX
7753011	LUMINA STONE BASKET 3.0 FR. 5 WIRE 110 CM (H)	5/BOX
7754011	LUMINA STONE BASKET 4.0 FR. 5 WIRE 110 CM (H)	5/BOX
7743013	LUMINA STONE BASKET 3.0 FR. 4 WIRE 130 CM (H)	5/BOX
7744013	LUMINA STONE BASKET 4.0 FR. 4 WIRE 130 CM (H)	5/BOX
7753013	LUMINA STONE BASKET 3.0 FR. 5 WIRE 130 CM (H)	5/BOX
7754013	LUMINA STONE BASKET 4.0 FR. 5 WIRE 130 CM (H)	5/BOX
7843090	LUMINA STONE BASKET 3.0 FR. 4 WIRE 90 CM (S)	5/BOX
7844090	LUMINA STONE BASKET 4.0 FR. 4 WIRE 90 CM (S)	5/BOX
7853090	LUMINA STONE BASKET 3.0 FR. 5 WIRE 90 CM (S)	5/BOX
7854090	LUMINA STONE BASKET 4.0 FR. 5 WIRE 90 CM (S)	5/BOX
7843011	LUMINA STONE BASKET 3.0 FR. 4 WIRE 110 CM (S)	5/BOX
7844011	LUMINA STONE BASKET 4.0 FR. 4 WIRE 110 CM (S)	5/BOX
7853011	LUMINA STONE BASKET 3.0 FR. 5 WIRE 110 CM (S)	5/BOX
7854011	LUMINA STONE BASKET 4.0 FR. 5 WIRE 110 CM (S)	5/BOX
7843013	LUMINA STONE BASKET 3.0 FR. 4 WIRE 130 CM (S)	5/BOX
7844013	LUMINA STONE BASKET 4.0 FR. 4 WIRE 130 CM (S)	5/BOX
7853013	LUMINA STONE BASKET 3.0 FR. 5 WIRE 130 CM (S)	5/BOX
7854013	LUMINA STONE BASKET 4.0 FR. 5 WIRE 130 CM (S)	5/BOX
7943090	LUMINA STONE BASKET 3.0 FR. 4 WIRE 90 CM (N)	5/BOX
7944090	LUMINA STONE BASKET 4.0 FR. 4 WIRE 90 CM (N)	5/BOX
7953090	LUMINA STONE BASKET 3.0 FR. 5 WIRE 90 CM (N)	5/BOX
7954090	LUMINA STONE BASKET 4.0 FR. 5 WIRE 90 CM (N)	5/BOX
7943011	LUMINA STONE BASKET 3.0 FR. 4 WIRE 110 CM (N)	5/BOX
7944011	LUMINA STONE BASKET 4.0 FR. 4 WIRE 110 CM (N)	5/BOX
7953011	LUMINA STONE BASKET 3.0 FR. 5 WIRE 110 CM (N)	5/BOX
7954011	LUMINA STONE BASKET 4.0 FR. 5 WIRE 110 CM (N)	5/BOX
7943013	LUMINA STONE BASKET 3.0 FR. 4 WIRE 130 CM (N)	5/BOX
7944013	LUMINA STONE BASKET 4.0 FR. 4 WIRE 130 CM (N)	5/BOX
7953013	LUMINA STONE BASKET 3.0 FR. 5 WIRE 130 CM (N)	5/BOX
7954013	LUMINA STONE BASKET 4.0 FR. 5 WIRE 130 CM (N)	5/BOX
7043090	LUMINA STONE BASKET 3.0 FR. 4 WIRE 90 CM (N-ZERO TIP)	5/BOX
7053090	LUMINA STONE BASKET 3.0 FR. 5 WIRE 90 CM (N-ZERO TIP)	5/BOX
7043011	LUMINA STONE BASKET 3.0 FR. 4 WIRE 110 CM (N-ZERO TIP)	5/BOX
7053011	LUMINA STONE BASKET 3.0 FR. 5 WIRE 110 CM (N-ZERO TIP)	5/BOX
7043013	LUMINA STONE BASKET 3.0 FR. 4 WIRE 130 CM (N-ZERO TIP)	5/BOX
7053013	LUMINA STONE BASKET 3.0 FR. 5 WIRE 130 CM (N-ZERO TIP)	5/BOX
7133090	LUMINA STONE GRASPER 3.0 FR. 90 CM (TRIPRONG)	5/BOX
7133012	LUMINA STONE GRASPER 3.0 FR. 120 CM (TRIPRONG)	5/BOX
7131238	LUMINA PCN BASKET (PERK) 12.0 FR 38CM	5/BOX
7131037	LUMINA PERK BASKET(PCNL) 10 FR 37 CM	5/BOX
7131038	LUMINA PERK BASKET(PCNL) 10 FR 38 CM	5/BOX
7041512	LUMINA STONE BASKET 1.5FR 4WIRE 120CM NITINOL-(Z)	5/BOX
7041712	LUMINA STONE BASKET 1.7FR 4WIRE 120CM NITINOL-(Z)	5/BOX
7041912	LUMINA STONE BASKET 1.9FR 4WIRE 120CM NITINOL-(Z)	5/BOX
7042212	LUMINA STONE BASKET 2.2FR 4WIRE 120CM NITINOL-(Z)	5/BOX
7042412	LUMINA STONE BASKET 2.4FR 4WIRE 120CM NITINOL-(Z)	5/BOX



15 pirkimo dalis- Biopsinių adatų pravedėjai krūtų stulpelinėms biopsijoms

PAJUNK®

DeltaCut / CoreCut / PrimoCut

*Cannula systems
for punch biopsy*

Kaniulų sistemos biopsijai



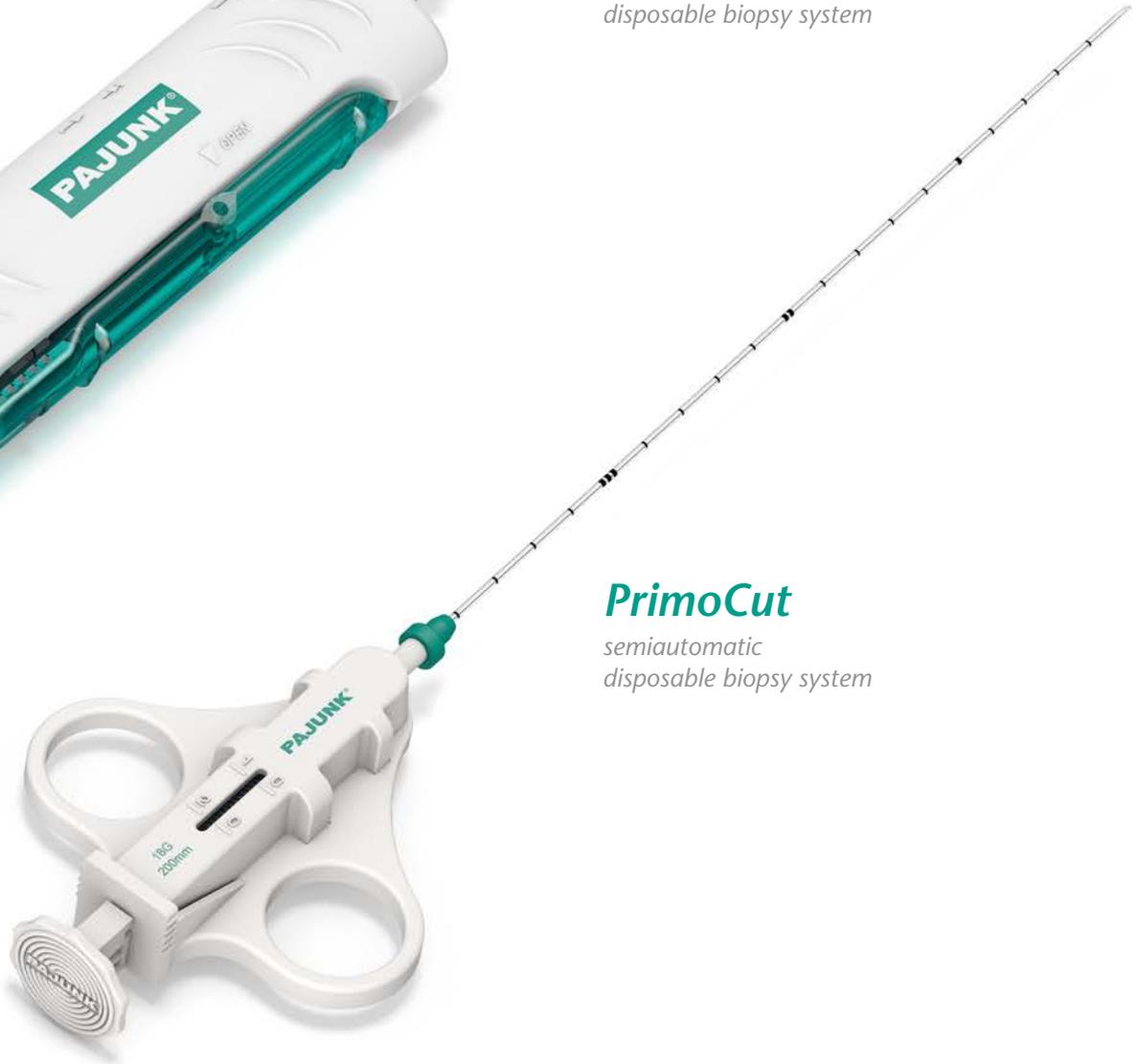
Organ biopsy

MADE IN GERMANY



CoreCut

fully automatic
disposable biopsy system



PrimoCut

semiautomatic
disposable biopsy system

The essential features at a glance:

- ➔ Precisely ground cannula tip
- ➔ Very large biopsy material chamber
- ➔ Automated lock prevents loss of biopsy material
- ➔ Biopsy material remains in spatial state

Biopsinių adatų pravedėjai , trokaro tipo galu

Coaxial cannula

A coaxial cannula with a trocar tip is optionally available for all three systems.

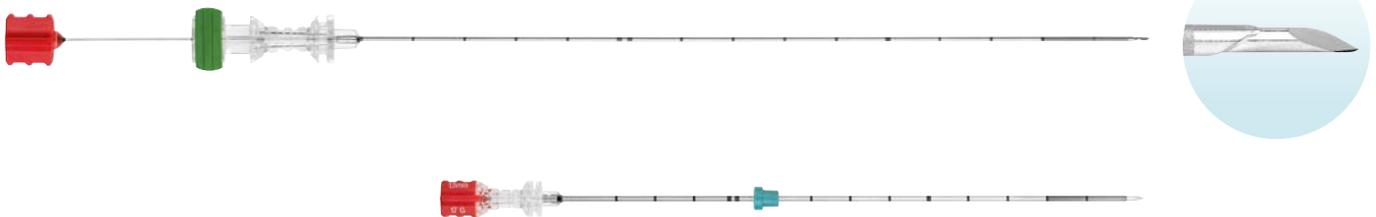


Trocar grinding

The systems at a glance

DeltaCut

Product	Art. No.	PU
DeltaCut biopsy system	304B000001	1



Product	Size	Art. No.	PU
DeltaCut biopsy cannulas, sterile	18 G x 100 mm (1,20 mm)	315S120100	10
	18 G x 150 mm (1,20 mm)	315S120150	10
	18 G x 200 mm (1,20 mm)	315S120200	10
	18 G x 250 mm (1,20 mm)	315S120250	10
	18 G x 280 mm (1,20 mm)	315S120280	10
	16 G x 100 mm (1,60 mm)	315S160100	10
	16 G x 150 mm (1,60 mm)	315S160150	10
	16 G x 200 mm (1,60 mm)	315S160200	10
	14 G x 100 mm (2,10 mm)	315S210100	10
	14 G x 150 mm (2,10 mm)	315S210150	10

Suitable coaxial cannula

Size	Art. No.	PU
17 G x 44 mm	313S150014	25
17 G x 94 mm	313S150064	10
17 G x 144 mm	313S150114	10
Dydis		
14 G x 44 mm	313S200014	25
14 G x 94 mm	313S200064	10
13 G x 44 mm	313S250014	25

CoreCut



Product	Size	Art. No.	PU
CoreCut, sterile	18 G x 100 mm (1.20 mm)	515S120100	5
	18 G x 150 mm (1.20 mm)	515S120150	5
	18 G x 200 mm (1.20 mm)	515S120200	5
	18 G x 250 mm (1.20 mm)	515S120250	5
	16 G x 100 mm (1.60 mm)	515S160100	5
	16 G x 150 mm (1.60 mm)	515S160150	5
	16 G x 200 mm (1.60 mm)	515S160200	5
	14 G x 100 mm (2.10 mm)	515S210100	5
	14 G x 150 mm (2.10 mm)	515S210150	5

Suitable coaxial cannula

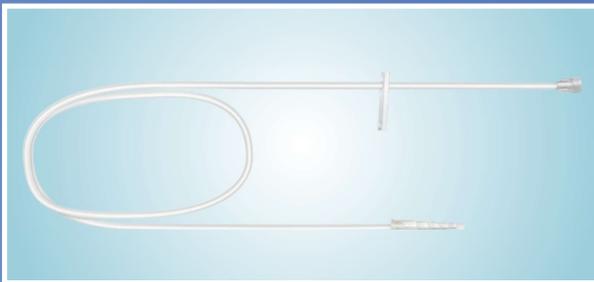
Size	Art. No.	PU
17 G x 98 mm	413S150112	10
17 G x 162 mm	413S150162	10
14 G x 98 mm	413S200112	10

PRIVAC® Redon systems for postoperative wound drainage are available as complete sets, OR systems and ward systems.



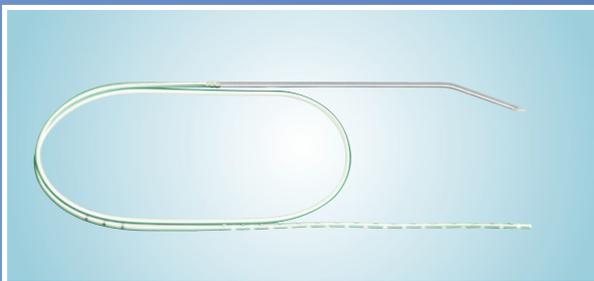
Redon bottle

- Pre-evacuated reservoir with a high initial vacuum of max. **980 mbar**
- With integrated vacuum indicator
- Available with Large lock or **Luer lock connector**
- Easy activation of suction via quick release of slide clamp
- **200 ml** and 400 ml bottles include an additional safety volume of 50 ml
- Large and small scales for exact determination of filling quantity



Connecting tube

- Length = 125 cm
- Available with Large lock or Luer lock connector for safe connection/ disconnection of bottle and tube
- Universal connector for attachment of 6-18 Ch. Redon drains
- With slide clamp



Redon drain

- Redon drain with trocar (guide needle)
- Perforations along 150 mm

Technical data

- High initial vacuum
- Bottle volume: 200 ml/ 400 ml/ 600 ml
- Drain size: 6-18 Ch.
- Length of drain with perforations: 150 mm
- Luer lock & large lock connector

HIGH-VACUUM SYSTEMS

PRIVAC® 200ml PVC



PRIVAC® 200 ml complete set

- Redon bottle, connecting tube, Redon drain with trocar (guide needle)

Ch.	Drain length	Connector	PU/SU	REF
8	500 mm	Large lock	60/60	22005
10	800 mm	Large lock	60/60	22006
12	800 mm	Large lock	60/60	22007
14	800 mm	Large lock	60/60	22008



PRIVAC® 200 ml OR system

- Redon bottle, connecting tube

Connector	PU/SU	REF
Large lock	60/60	24500
Luer lock	60/60	22003



PRIVAC® 200 ml ward system (replacement bottle)

- Redon bottle

Connector	PU/SU	REF
Large lock	60/60	24501
Luer lock	60/60	22004



Large lock



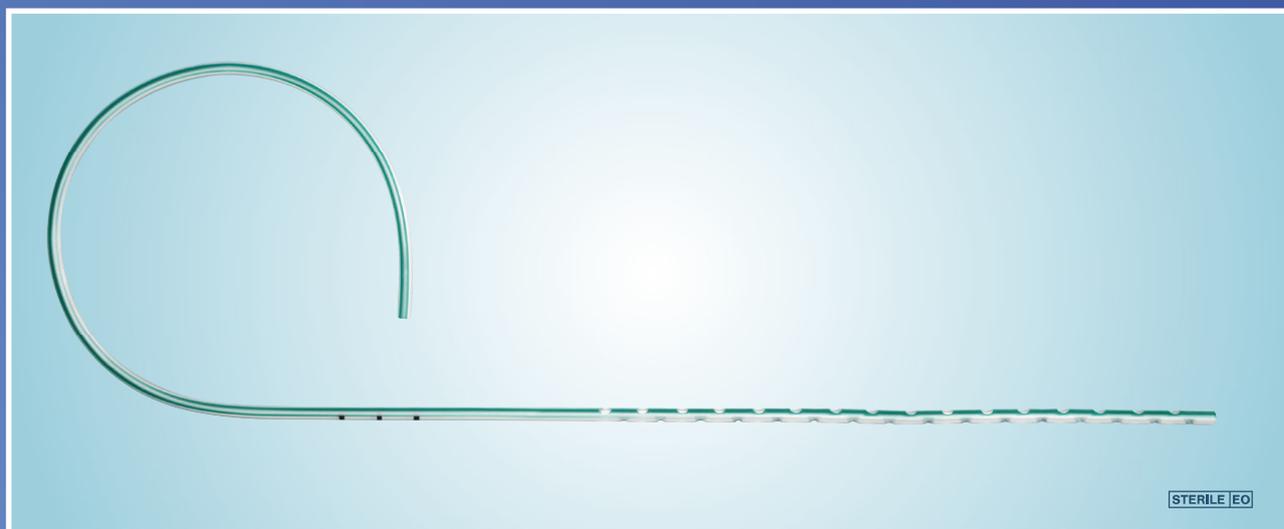
Luer lock

CONNECTION
OPTIONS

REDON DRAINS (PVC) without trocar

Redon drains (PVC) without trocar

Redon drains are suitable for use with high-vacuum systems and low-vacuum systems for postoperative wound drainage.



Product features:

- **Made of soft**, flexible polyvinyl chloride (PVC)
- With radiopaque stripe
- Implant tested in accordance with USP XXIII
- Alternating perforation to avoid ingrowth of tissue
- Rounded drainage openings for removal of secretion
- Length markings allow simple repositioning

Ch.	Length	PU/SU	REF
6	500 mm	100/300	21860
8	500 mm	100/300	21861
10	500 mm	100/300	21862
12	500 mm	100/300	21863
14	500 mm	100/300	21864
16	500 mm	100/300	21865
18	500 mm	100/300	21866

Ch.	Length	PU/SU	REF
6	800 mm	100/300	21880
8	800 mm	100/300	21881
10	800 mm	100/300	21882
12	800 mm	100/300	21883
14	800 mm	100/300	21884
16	800 mm	100/300	21885
18	800 mm	100/300	21886

PRIVAC® Redon sistemos pooperaciniam žaizdų drenažui yra galimos kaip pilni rinkiniai, OR sistemos ir žaizdų sistemos.

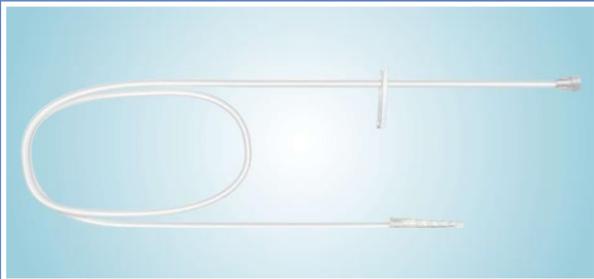


Redon butelys

- Iš anksto ištuštintas rezervuaras su dideliu pradiniu vakuumu, maksimaliai **.980 mbar**
- Su integruotu vakuumo indikatoriumi
- Galimas su dideliu lock ar **Luer lock konektoriumi**
- Lengvas atsiurbimo aktyvavimas per slystančio spaustuko greitą paleidimą
- **200 ml** ir 400 ml buteliai įtraukiant papildomą saugų 50 ml tūrį
- Didlės ir mažos žymės
Tiksliam užpildymo kiekio nustatymui

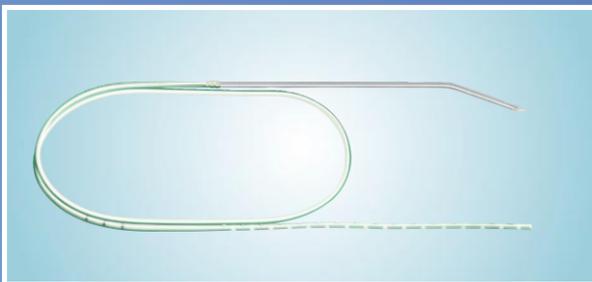


plastikinis



Jungiamasis vamzdelis

- Ilgis = 125 cm
- Galimas su dideliu lock ar Luer lock konektoriumi saugiam atsiurbimui/atsijungimui butelio ir vamzdelio
- Universalus konektorius 6-18 Ch. Redon drenų tvirtinimui
- Su slidžiu spaustuku



Redon drenas

- Redon drenas su trokaru (pravedėjas)
- Su perforacijomis 150 mm

Techniniai duomenys

- Aukštas vidinis vakuumas
- Butelio tūris: 200 ml/ 400 m/ 600 ml
- **Dreno dydis: 6-18 Ch.**
- Dreno ilgis su perforacijomis: 150 mm
- Luer lock ir didelis lock konektorius



PRIVAC® 200 ml pilnas rinkinys

- Redon butelys, jungiamasis vamzdelis, Redon drenas su trokaru (pravedėjas)

Ch.	Dreno ilgis	Konektorius	PU/SU	REF
8	500 mm	Large lock	60/60	22005
10	800 mm	Large lock	60/60	22006
12	800 mm	Large lock	60/60	22007
14	800 mm	Large lock	60/60	22008



PRIVAC® 200 ml OR sistema

- Redon butelys, jungiamasis vamzdelis

Konektorius	PU/SU	REF
Large lock	60/60	24500
Luer lock	60/60	22003



PRIVAC® 200 ml žaizdų sistemos (keičiamas butelys)

- Redon butelys

Konektorius	PU/SU	REF
Large lock	60/60	24501
Luer lock	60/60	22004



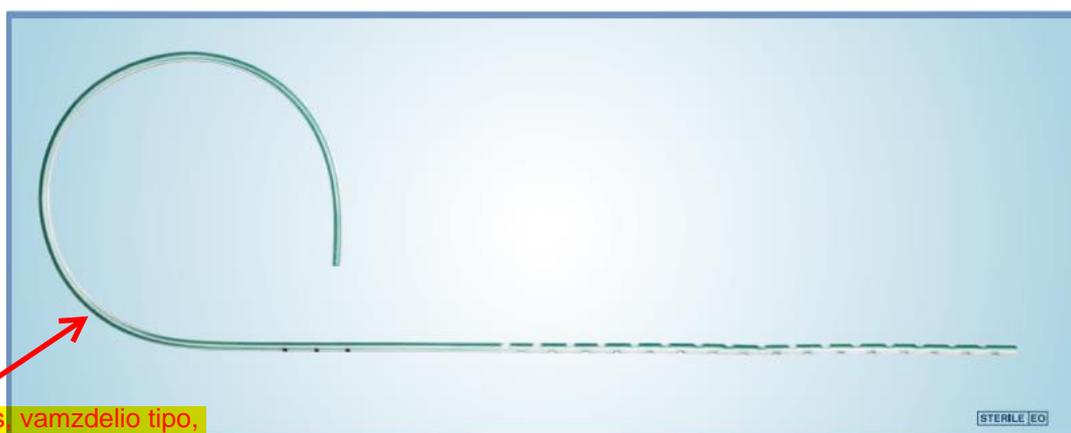
Didelis lock



Luer lock

**JUNGIMO
 GALIMYBĖS**

Redon drenas (PVC) be trokaro



Apvalus vamzdelio tipo,
išlaikantis standumą

Redon drenai tinkami naudoti su aukšto vakuumo ir žemo vakuumo sistemomis pooperaciniam, žaizdų drenažui

- Pagaminti iš minkšto, lankstaus polivinilchlorido (PVC)
- Su rentgeno-kontrastine juosta
- Implantai išbandyti pagal USP XXIII
- Pakaitinės perforacijos leidžia išvengti audinių įaugimo.
- Ovalios drenavimo angos sekretijų pašalinimui
- Ilgio atžymos leidžia lengvai keisti poziciją
- Sterilizuotas EO

<i>CH</i>	<i>Ilgis</i>	<i>PU/SU</i>	<i>REF</i>
6	500 mm	100/300	24850/ 21860
8	500 mm	100/300	24851/ 21861
10	500 mm	100/300	24852/ 21862
12	500 mm	100/300	24853/ 21863
14	500 mm	100/300	24854/ 21864
16	500 mm	100/300	24855/ 21865
18	500 mm	100/300	24856/ 21866

<i>CH</i>	<i>Ilgis</i>	<i>PU/SU</i>	<i>REF</i>
6	800 mm	100/300	24860/ 21880
8	800 mm	100/300	24861/ 21881
10	800 mm	100/300	24862/ 21882
12	800 mm	100/300	24863/ 21883
14	800 mm	100/300	24864/ 21884
16	800 mm	100/300	24865/ 21885
18	800 mm	100/300	24866/ 21886

Das ENFit-Spritzensortiment

Für noch mehr Patientensicherheit! Die neue ENFit Spritze von Nutricia bietet eine sichere und einfache Möglichkeit der Verabreichung von Sondennahrung per **Bolusgabe oder dem Spülen** von Sonden. Der **ENFit** Konnektor der Spritze ist inkompatibel mit Luer- und oralen Anschlüssen und schließt somit eine Applikation mit intravenösen Systemen aus. Das umfangreiche Zubehör ermöglicht zusätzlich eine sichere und vereinfachte Verwendung der Spritzen.



Eigenschaften:

- verschiedene Spritzengrößen
- mit **ENFit Anschluss** **Enfit jungtis**
- inkompatibel mit Luer- und oralen Anschlüssen
- PVC-Latex- und DEHP-frei
- zur Einmalverwendung **vienkartiniam nauđojimui**

Überblick über ENFit Spritzen und Zubehör



Produktbezeichnung	PZN	Art.-Nr.	SAP-Nr.	VPE
Spritzen				
ENFit Spritze 1 ml	4493904	616327	116327	30
ENFit Spritze 2,5 ml	4369831	616326	116326	30
ENFit Spritze 5 ml	4369848	621824	121824	30
ENFit Spritze 10 ml	4355846	591421	91421	30
ENFit Spritze 20 ml	4355852	591422	91422	30
ENFit Spritze 60 ml	4355875	624823	124823	30
ENFit Spritze 100 ml	4492307	605967	105967	30
Zubehör				
Verschlusskappe ENFit Spritze	4433894	619488	119488	30
Aufziehhalm ENFit Spritze	4433902	611572	111572	30

Pflegehinweis

Nutzen Sie zum Spülen der Sonde immer eine Spritze ≥ 20 ml. Achten Sie beim Verabreichen von Flüssigkeiten darauf, dass Sie eine Spritze verwenden, welche der zu verabreichenden Menge angemessen ist. Das Spülen und die Applikation von Flüssigkeit sollte immer kontrolliert und mit nicht zu viel Druck erfolgen. Nutzen Sie unter keinen Umständen übermäßige Kraft. Bei einem Widerstand brechen Sie den Vorgang ab und konsultieren Sie den behandelnden Arzt.

Flocare® ENFit Maitinimo Švirkštai



Enterinio maitinimo švirkštas enterinio maisto įvedimui per zondą į skrandį – žarnyną (bolus pavidalu). Jungiasi su Flocare zondais, PEG. Švirkštas skirtas vienkartiniam naudojimui tik vienam pacientui.

Dydžiai: 60 ml – maisto įvedimui

Parduodama po vieną atskirame steriliame įpakavime.

Bendras 60 ml švirkštų skaičius įpakavime – 50 vnt.

Kodas	Tipas	Pakuotė
624823	60 ml	Blister



Sterilizing Drum, Lamps, Dispensers
Sterilisationstrommel
Esterilizacion, Lamparas



STERILIZING DRUM

	ø x h
M-8-105	6" x 6" <i>15,24 x 15,24</i>
M-8-106	6" x 8"
M-8-107	8" x 5 1/2"
M-8-108	8" x 8"
M-8-109	9" x 5"
M-8-110	9" x 8"
M-8-111	9" x 9"
M-8-112	11" x 5"
M-8-113	11" x 6"
M-8-114	11" x 9"
M-8-115	13" x 6"
M-8-116	13" x 9"
M-8-117	15" x 5 1/2"
M-8-118	15" x 8"
M-8-119	15" x 12"



ALCOHOL LAMP
M-8-125
 Stainless Steel



ALCOHOL LAMP
M-8-130
 Brass cup

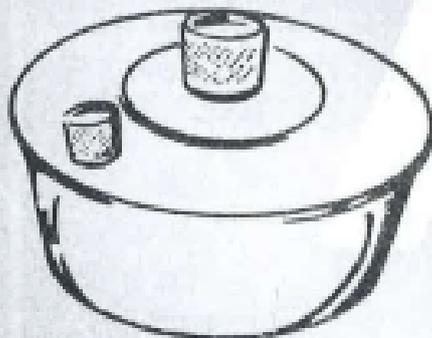


COTTON WOOL DISPENSER
M-8-135
 ø50 x 75mm



COTTON WOOL DISPENSER
M-8-141 Without Lid
M-8-140 ø50 x 75mm With Lid

27 poz
 0,25-0,5 l talpos



ALCOHOL LAMP
M-8-145
 Stainless Steel



MEDICINE CUP
M-8-150
 60 cc



MEDICINE CUP
M-8-155
 20 cc

**CHAMPION
SURGICAL CO.**

**POSTAL ADDRESS:
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championsurgico@hotmail.com
Tel: (92) 432 - 263284 Fax: (92) 432 - 264374

Surgical instruments and powered equipment should be cleaned, handled, and used according to manufacturers' instructions.

1. Manufacturers' instructions provide direction for care, cleaning, handling, and correctly using surgical instruments and powered equipment. Proper care, cleaning, and handling helps safeguard instruments' function and effectiveness. Using instruments according to their intended use reduces the likelihood of procedure delay, patient/personnel injury, infections caused by instrument damage or malfunction, and/or costly repairs. (2)

RECOMMENDED PRACTICE II

Instruments should be kept free of gross soil during surgical procedures.

1. Instruments should be wiped with sponges moistened with sterile water. Corrosion, rusting, and pitting occur when blood and debris are allowed to dry in or on surgical instruments. (3)

2. Lumened instruments should be irrigated with sterile water. Cannulated or lumened instruments may become obstructed with organic material. Irrigating instruments with sterile water helps remove residue. Saline causes deterioration of instrument surfaces and should not be used. (4)

RECOMMENDED PRACTICE III

Effective and timely decontamination of instruments should be performed in a manner that minimizes risk to those performing the task.

1. All instruments opened on the sterile field require decontamination.

2. Personal protective attire should be worn by personnel when decontaminating instruments. Personal protective equipment can prevent contaminated blood and body fluids from coming in contact with personnel involved in decontamination. Protective attire is designed to protect the skin, mucous membranes, and eyes from exposure to blood, body fluids, and other infectious materials. (5)

3. Instruments should be prepared for decontamination after use. Instruments should be taken apart and arranged in an orderly fashion in mesh-bottom trays so that all surfaces are exposed to the action of an automated cleaner, if used. The following activities should be completed:

* open instrument box locks;

27 poz

- * place heavy retractors and/or other heavy instruments on the bottom or in a separate tray;
- * place scissors, lighter-weight instruments, and microsurgical instruments on top;
- * separate all reusable sharp instruments from general instruments; and
- * cover instruments with a damp towel, at a minimum, to prevent drying during transportation to the decontamination area. (6)

An enzymatic soak solution, spray, gel, or foam may be used for these and other hard-to-clean instruments during transport. (7) Corrosion, rusting, and pitting occur when blood and debris are allowed to dry in or on surgical instruments. (8) Cannulated or lumened instruments may become obstructed with organic material. (9)

4. In the decontamination area, automated and/or manual cleaning methods of equal effectiveness should be used for decontaminating instruments. (10) The following methods may be used for decontamination.

* Washer/sterilizer. The washer/sterilizer processes instruments through several cycles, including cold water prerinse, high-temperature wash with alkaline detergent, neutralizing cycle, final rinse, sterilization, and drying.

* Ultrasonic cleaner. Ultrasonic cleaners facilitate removal of small particles and debris from instrument crevices through a process called cavitation. (11) Ultrasonic energy is passed through a water bath, creating bubbles that implode. The process of implosion creates a suction action that pulls debris away from instrument surfaces. When using an ultrasonic cleaning process, follow manufacturers' instructions for detergent selection and proper use, care, and maintenance of the ultrasonic unit. (12) When using an ultrasonic cleaning process

POWER TI

HEALTHPORT® POWER



- Chamber specifically designed to be used for High-flow Injections of contrast media
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter
- Entire line (extension+huber needle) tested by Independent Lab

Features

Chamber	
Material:	titanium + polysulphone
Shape and dimensions:	wedged - base 25 mm x 26.9 mm
Height:	13 mm
Weight:	12 g
Internal volume:	0.82 ml

Septum	
Material:	silicone
Diameter available for puncture:	13 mm
Maximum number of punctures:	2000 with 22 GA Huber needle 1000 with 19 GA Huber needle

**Max Flow Rate = 5 ml/s with max Pressure 300 PSI,
Max Viscosity 12 cP**

POWER PLP

28 poz.



šoninės angutės fiksacijai

- Chamber specifically designed to be used for High-flow Injections of contrast media
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter
- Low profile plastic chamber, also suitable for patients with thick subcutaneous fat layer

Features

rezervuaras Chamber	
Material: medžiaga	titanium + polysulphone
Shape and dimensions:	circular - base diameter 27 mm
Height:	10.6 mm
Weight:	5.9 g
Internal volume:	0.36 ml

aukštis

svoris

membrana Septum	
Material: medžiaga	silicone
Diameter available for puncture:	13 mm
Maximum number of punctures:	2000 with 22 GA Huber needle 1000 with 19 GA Huber needle

**Max Flow Rate = 5 ml/s with max Pressure 300 PSI,
Max Viscosity 12 cP** Slėgis 300 PSI

Catheter kateteris POWER TI	OD (Fr) išorinis diametras	OD (mm)	ID (mm)	Length (mm) ilgis	Flow rate* (ml/min)		Maximum flow rate (ml/s): limiting pressure 300 PSI, viscosity 12 cP**			Recommended maximum flow rate (ml/s)	
					22 G	19 G	22 G	20 G	19 G	22 G	20 - 19 G
Polyurethane	6	2.00	1.35	500	8	22	3	6	7	2	5
Silicone	8	2.70	1.30	500	7	21	3	6	7	2	5
Polyurethane	8	2.70	1.60	500	8	24	3	7	7	2	5

POWER PLP

Polyurethane	6	2.00	1.35	500	8	22	3	6	5	2	5
Silicone	8	2.70	1.30	500	7	21	3	6	6	2	5
Polyurethane	8	2.70	1.60	500	8	24	3	7	7	2	5

* Gravity infusion from a height difference of 1 m. Huber needles of 22 and 19 G respectively and catheter length of 450 mm.

** Maximum flow rate with limiting pressure of 300 PSI, medium viscosity of 12 cP, catheter length of 450 mm and Huber needle length of 25.4 mm.

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres.
kateteris užapvalintu galu su atžymomis kas centimetrą ir numeriu kas 5 centimetrus

All-in-One

POWER TI	REF	Catheter description	int ø mm	ext ø mm	ext ø FR	Length mm	Volume ml
	201.23.12.30	Silicone	1.3	2.7	8	500	0.61
	201.23.12.20	Polyurethane	1.3	2.0	6	500	0.63
	201.23.12.33	Polyurethane	1.6	2.7	8	500	1.21

POWER PLP	REF	Catheter description	int ø mm	ext ø mm	ext ø FR	Length mm	Volume ml
28 poz.	201.24.12.30	Silicone	1.3	2.7	8	500	0.61
	201.24.12.20	Polyurethane	1.3	2.0	6	500	0.63
	201.24.12.33	Polyurethane	1.6	2.7	8	500	1.21

Package configuration

- Port chamber rezervuaras
- Catheter kateteris
- Connector
- Huber needle 22 GA x 25.4 mm adata membranai punktuoti
- Luer connector
- Peel-away dilator-introducer skylantis introduiseris
- 18 GA introducer needle adata odai punktuoti
- 0,89 mm J-Guidewire viela-gidas J galiuku
- Stainless steel tunneler metalinis tuneliatorius

Standard

POWER TI	REF	Catheter description	int ø mm	ext ø mm	ext ø FR	Length mm	Volume ml
	201.23.10.30	Silicone	1.3	2.7	8	500	0.61
	201.23.10.20	Polyurethane	1.3	2.0	6	500	0.63
	201.23.10.33	Polyurethane	1.6	2.7	8	500	1.21

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

POWER PLP	REF	Catheter description	int ø mm	ext ø mm	ext ø FR	Length mm	Volume ml
	201.24.10.30	Silicone	1.3	2.7	8	500	0.61
	201.24.10.20	Polyurethane	1.3	2.0	6	500	0.63
	201.24.10.33	Polyurethane	1.6	2.7	8	500	1.21

Venous Introducer Set

REF		Colour Code
201.51.10.21	Introducer set 6.5 FR	
201.51.10.31	Introducer set 9 FR	

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

HEALTHPORT

Power

28 poz.



sterilus



vienkartinis



suderinamas su
MRT



be latekso



Plan 1 Health srl.

Via Solari, 5

33020 Amaro (UD) - ITALY



VPS Rhythm™ ECG Accessory Pack with Johans Adapter

VPS Rhythm ECG Only Pack with Johans

SKU / Article #: RHY-100-ECGJ

Highlights

CE Mark

Sales Quantity/Case: 25

Representative photo(s): actual product specifications may vary from that shown in the photo

VPS Rhythm™ ECG Accessory Pack with Johans Adapter
SKU / Article #: RHY-100-ECGJ

Quantity	Component Description
1	Adapter: Arrow-Johans™ RAECG
1	<u>ECG Clip Cable</u> EKG kontrolės laidas
1	Equipment Cover: 13 cm x 244 cm (5" x 96")

Documents



The products in this catalog may not be available in all countries. Please contact your local representative.

Indications, contraindications, warnings and instructions for use can be found in the Product Instructions for Use available under the Documents section on this page, where an IFU is available.

30 poz.

VITALOGRAPH Eco BVF BACTERIAL VIRAL FILTER RANGE

The Professionals' Choice for Cross-Infection Prevention

in Lung Function Testing

Plaučių funkcijos tyrimuose



Vitalograph[®]
Your cardio-respiratory partner

Data you can rely on. People you can trust.

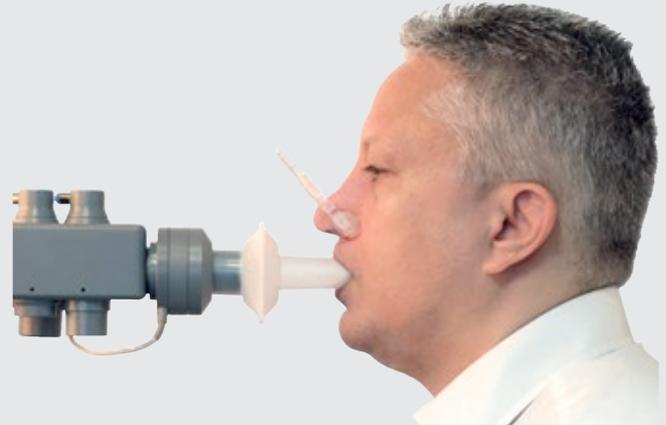
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Vitalograph Eco BVF Bacterial Viral Filters

High Performance Cross-Infection Protection in Lung Function Testing

Developed in response to feedback from global respiratory professionals, the new Vitalograph® range of Eco BVFs combines optimal cross infection protection for patients and medical personnel with equipment contamination protection and improved environmental credentials.

The range includes a new 'Bite-Lip' design offering a lower cost alternative to conventional Filter/Bite-On mouthpiece combinations.



New Eco BVF Bite-Lip Option Reduces PFT Consumable Costs

Extended patient side with plastic bite-on lip reduces costs by eliminating the need for expensive silicone bite-on mouthpieces



su integruotu kandikliu,
plokščiu

Ecological Features

- 100% recyclable materials
- 80% reduction in energy expended during manufacturing*
- 54% reduction in filter waste volume*

*compared to standard Vitalograph BVFs

Data you can rely on. People you can trust

General Features

- Optimal protection for patients, staff and equipment
- Traps expectorated matter, bacteria and viruses
- Validated cross-contamination efficiency >99.999%
- Filter dead space 55ml (excluding tapers)
- Low flow impedance <0.04kPa at 1L/s
- New Bite-Lip and standard Eco BVFs available for all leading makes of PFT equipment

Full Range of PFT Kits Available

- PFT Kits available for Eco Bite-Lip BVFs and standard Eco BVFs
- Kits include choice of Eco BVF™ Bite-Lip + Nose Clips, or standard Eco BVF + Silicone Bite On Mouthpiece + Nose Clips

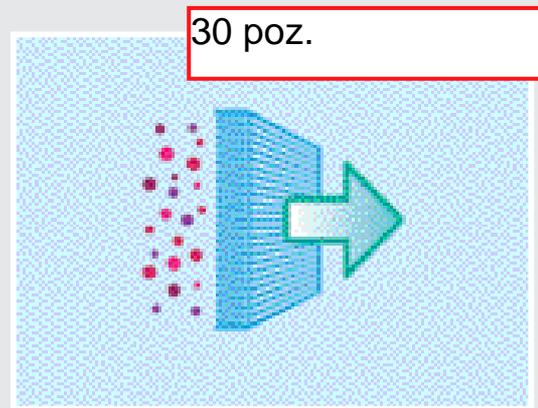


Kits available for Jaeger/Carefusion/
Vyair, MediSoft, Ganshorn etc.

Cardboard mouthpieces, disposable turbines or spirettes do not provide adequate cross-infection protection during spirometry.

Whilst some of these may minimize device contamination none prevent potentially germ carrying droplets and particulates from being expelled into the testing environment.

Vitalograph Eco BVFs filter droplets, aerosols, bacteria and viruses (including MRSA, TB & Influenza) out of the airstream with a 99.999% efficiency.



Measurement Accuracy Assured for all Spirometer & PFT System Brands

You can be confident that the use of Eco BVFs will not give rise to measurement errors. The following points are worth noting:

1. Resistance (Flow Impedance) of the filter: Vitalograph filters are well below the maximum resistance value recommended by international ATS/ERS/ISO Spirometry Standards.
2. The New Vitalograph Eco BVF has a comparatively small effective deadspace of 55ml to improve the validity and consistency of testing and minimise rebreathing.



Compliance with International Standards

Vitalograph is a world leading manufacture of equipment for pulmonary function professionals. Vitalograph filters are CE marked (CE 0086) and are designed and manufactured in line with the following requirements:

ISO 13485, FDA 21 CFR 820, CMDR, JPAL

Eco BVF and Eco BVF/Nose Clip Kits available for most office spirometers including; MIR, MicroMedical, Cosmed etc.

Filtration Efficiency for Bacteria and Viruses

As the main purpose of a lung function test filter is to protect the patient and the device from bacteria and viruses the filtration efficiency is a crucial quality feature.

Example: a comparison report on the use of a Vitalograph BVF with Jaeger/Carefusion filters showed the following result:

Filter	Bacterial Filtration Efficiency	Viral Filtration Efficiency
Vitalograph Eco BVF	99.999%	99.999%
Jaeger/CareFusion Microgard IIb and IIc	99.999%	99.999%

This data confirms that by changing to Vitalograph Eco BVFs, users can benefit from improved ecological credentials and the potential for reducing consumable costs without any compromise to filtration efficiency.

30 poz.

Vitalograph is a world leading provider of outstanding quality cardio-respiratory diagnostic devices, clinical trial services, audiometers and medical equipment servicing. With a pioneering heritage of excellence spanning half a century Vitalograph continues to make valuable contributions to effective medical care and enhanced quality of life.

Ordering Info

Eco BVF for PFT Equipment and Office Spirometers

- 28557** 2820 Eco BVF with Plastic Bite Lip (75) **Tinka Vyaire**
Fits Jaeger/Carefusion/Vyaire
- 28550** 2820 Eco BVF with Plastic Bite Lip + Disposable Nose Clip (75)
Fits Jaeger/Carefusion/Vyaire
- 28552** 2820 Eco BVF + Silicone Bite-On Mouthpiece + Disposable Nose Clip (60)
Fits Jaeger/Carefusion/Vyaire
- 28554** 2820 Eco BVF with Plastic Bite Lip (75)
Fits MediSoft and Office Spirometers
- 28553** 2820 Eco BVF with Plastic Bite Lip + Disposable Nose Clip (75)
Fits MediSoft and Office Spirometers
- 28551** 2820 Eco BVF + Silicone Bite-On Mouthpiece + Disposable Nose Clip (60)
Fits MediSoft and Office Spirometers

Eco BVF for Office Spirometers

- 28501** 2820 Eco BVF for Office Spirometers (100)
Fits MIR, MicroMedical, Cosmed, etc.
- 28572** 2820 Eco BVF for Office Spirometers + Disposable Nose Clip (80)
Fits MIR, MicroMedical, Cosmed, etc.

Adaptors

- 29828** Adaptor Fits Eco BVF to ZAN/nSpire
Fits 28557, 28550 & 28552
- 29808** Adaptor Fits Eco BVF to ZAN/nSpire
Fits 28554, 28553, 28551, 28501 & 28572
- 29748** Adaptor Fits Eco BVF to Koko
Fits 28554, 28553, 28551, 28501 & 28572

Technical Specifications

	Eco BVF	Eco BVF Bite-Lip
Materials:	Polypropylene	Polypropylene
Dimensions:	68mm x 72mm	68mm x 95mm
Weight:	11gm	25gm
Dead Space:	55ml (exc. tapers)	55ml (exc. tapers)
Resistance:	0.04kPa/(L/s) at 1L/s	0.04kPa/(L/s) at 1L/s
Filtration Efficacy:	>99.999%	>99.999%



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Technical Data

Product: **2820 Vitalograph Eco Bacterial Viral Filters** **for Respiratory function testing**

Vitalograph Bacterial-Viral-Filters (BVF) provide an efficient hygiene solution giving better than 99.999% protection from bacterial and viral cross infection. BVFs provide a significant level of protection for the subject, the device and the user against cross contamination during spirometry manoeuvres. When a new BVF is used for every patient, the interior of the device is protected meaning that only exterior surfaces require cleaning.

filtravimo efektyvumas

BFE (MRSA, TBC, etc)	> 99.999996%
VFE (Influenza, HN1, SARS-CoV-2/-1 etc.)	> 99.999711%

In light of the COVID-19 pandemic the Vitalograph Bacterial-Viral-Filters (BVF) provide an extraordinary protection against cross-contamination at low cost.

Pagamintas iš polipropileno

	Eco BVF	Eco BVF Bite-Lip
Materials:	Polypropylene	Polypropylene
Dimesions:	68mm x 72mm	68mm x 95mm
Weight:	11 g	25 g
Dead Space:	55ml (exc. tapers)	55ml (exc. tapers)
Resistance:	0.04kPa/(L/s) at 1L/s	0.04kPa/(L/s) at 1L/s
Filtration Efficacy:	>99.999%	>99.999%

Compliance With National And International Standards

Vitalograph is a world leading company with more than 50 years of experience in the design and manufacture of cardio-respiratory equipment and hygiene solutions for pulmonary function professionals. Vitalograph filters are CE marked (CE 0086) and meet the following manufacture, performance and safety standards:

- ISO 13485:2003 & EN ISO 13485:2012, FDA 21 CFR 820, CMDR, JPAL
- ISO 26782:2009, ISO 23747:2007, ATS/ERS 2005
- EU Medical Devices Directive 2007/47/EC



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 Tel: +353 (0)65686 4100 Fax: +353 (0)65 682989 E-mail: sales@vitalograph.ie Web:
 www.vitalograph.ie

Latex, DEHP & PVC content in
Vitalograph® products

Vitalograph hereby declares that all user accessible areas of the following Products, their Accessories and Consumables are Latex, DEHP and PVC free.

be latekso

MODEL N ^o	INCLUDING PART NUMBERS	PRODUCT DESCRIPTION
2020	20392, 20989	Mouthpiece
2024		SafeTway Mouthpieces
2030	20303	Nose Clips
2040		Precision Syringe {1 & 3 Litre}
2110		PEV/FEV
2120		Hand Held Spirometer
2820	28371, 28384, 28304, 28404, 28441, 28582, 28571	BVF (Bacterial Viral Filter)
4000		Respiratory Monitor
4300	43400G, 43623, 43903	Peak Flow Meter (incl myFEV)
4500		Aerosol Inhalation Monitor {AIM}
6000		Alpha
6300		Micro
6600		Compact
6800		Pneumotrac
7100		VitaloJak

Signed on behalf of Vitalograph (Ireland) Ltd.

Signed: 
 Tony O'Hanlon
 Regulatory Affairs and Quality Assurance Manager

Date: Oct 30, 2018

30 poz.

TO WHOM IT MAY BELONG

Letter of Confirmation

Dear Ladies and Gentlemen,

We, Vitalograph Ltd., herewith confirm the following features / measures apply to our Bacterial-Viral Filter with Reference number 28557 2820 Eco BVF with Plastic Bite Lip:

- Is single use and marked with a respective symbol Vienkartinis. Pažymėta simboliu
- Each BVF is packed in a separate plastic bag, containing 1 piece Supakuota po 1vnt.
- Connects to an air flow sensor fitting Vmax devices with the following diameters on the device side:
 - Outer diameter: 31.22 - 32.22mm (Taper Length 20.50mm)
 - Inner diameter: 29.55- 29.79mm (Taper Length 10mm)
- Inhalation resistance <0.7 cm H₂O / l / s at 12 l / s air flow įkvėpimo pasipriešinimas
- Exhalation resistance <0.7 cm H₂O / l / s at 12 l / s air flow iškvėpimo pasipriešinimas

For any other questions feel free to contact us.

Hamburg, 24.02.2021

jungiasi prie oro srauto daviklio, kurio vidinio skersmens
diametras – 30 mm



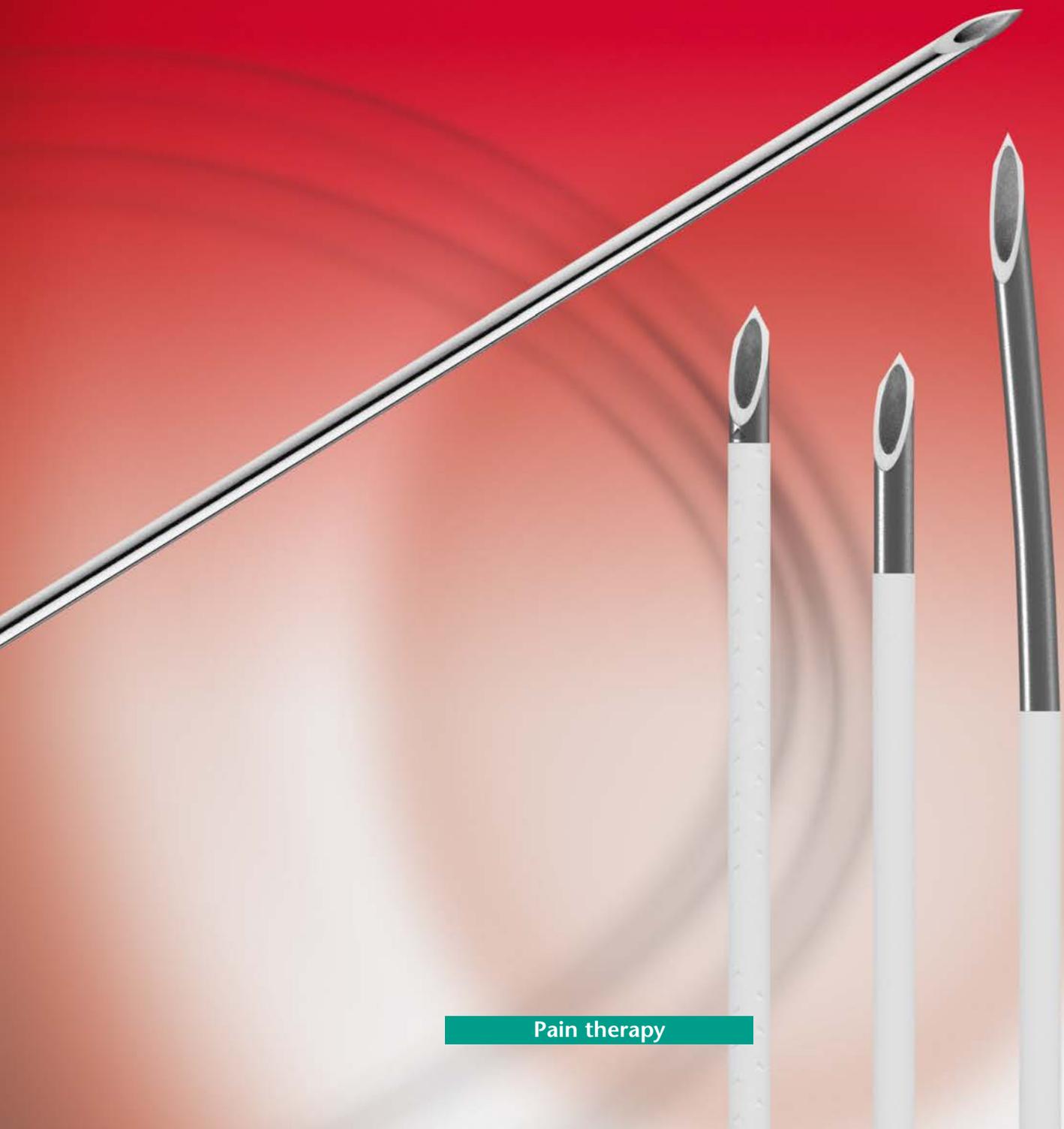
On behalf of Vitalograph Ltd.
Joerg Baumann

Vitalograph GmbH

Rellinger Straße 64a, 20257 Hamburg
Tel.: +49 40 547391-0, Fax: +49 40 547391-40
E-Mail: info@vitalograph.de

PAJUNK®

Thermolesion cannulas
Interventional pain therapy



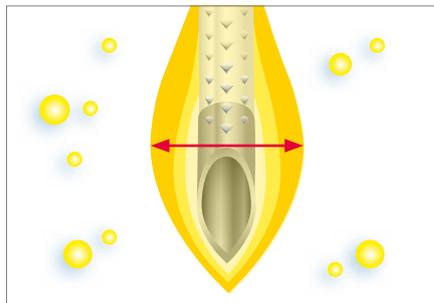
Pain therapy

Selective and efficient Thermolesioning and pulsed radiofrequency therapy

Radiofrequency thermolesion is an important and familiar instrument for the decisive reduction or removal of chronic pain in the region of the nervous system.

PAJUNK® supports all common RF procedures with its RF thermolesion cannulas.

The cannula is positioned using imaging procedures (ultrasound, computer tomography or X-rays). Contrast medium for position control or an analgesic for analgesia can also be applied using the Luer-Lock hub. The position of the cannula tip with regard to the motor and sensory nerve branches is reliably verified by means of stimulation control. The surrounding nerve tissue is coagulated in the subsequent application of high frequency current. The extension of the lesion is essentially defined by the length of the active cannula tip.¹



Uniform coagulation

PAJUNK® RF thermolesion cannulas are characterized in particular by the uniform coagulation of the tissue at the cannula tip and thus comply with an important quality feature for this field of application.²

- ➔ Pain relief for neuropathic pain in the nervous system
- ➔ Alternative procedure: conventional RF procedure and pulsed radiofrequency therapy
- ➔ Different dimensions of the bevel enable a precise lesion
- ➔ Uniform coagulation of tissue at the cannula tip guaranteed

Diversity of variants

Different versions of the RF thermolesion cannulas

Due to the high level of invasiveness of the intervention, the precise placement of the cannula tip at the correct nerve is of vital importance. Against this background, the use of ultrasound as an imaging procedure as well as X-ray control is gaining increasing importance. Accordingly, we distinguish between three types of cannula:

For use with X-ray control:

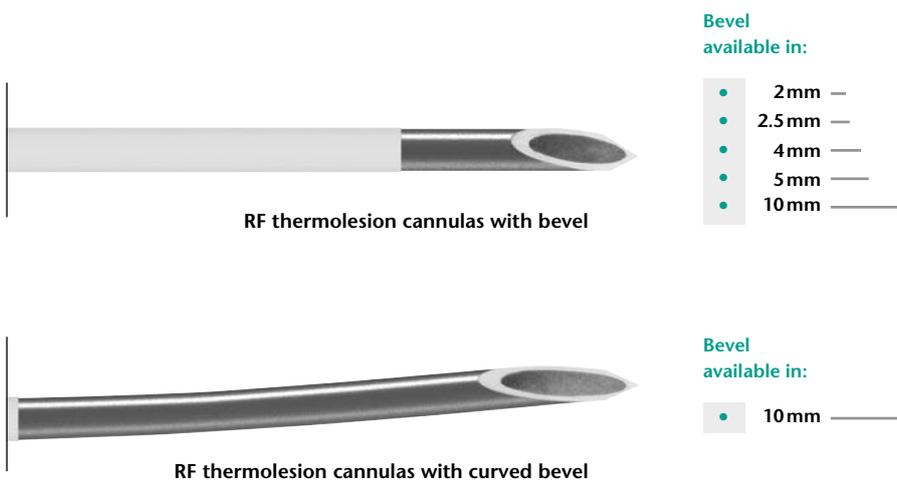
- ➔ Standard RF thermolesion cannulas
- ➔ Curved RF thermolesion cannulas

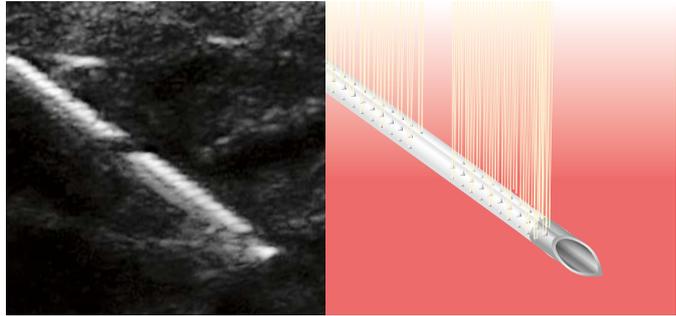
For use with ultrasound imaging:

- ➔ RF thermolesion cannulas with "Cornerstone" reflectors



Standard RF thermolesion cannulas are available in a variety of different lengths and with two geometries appropriate to the different probes available on the market.



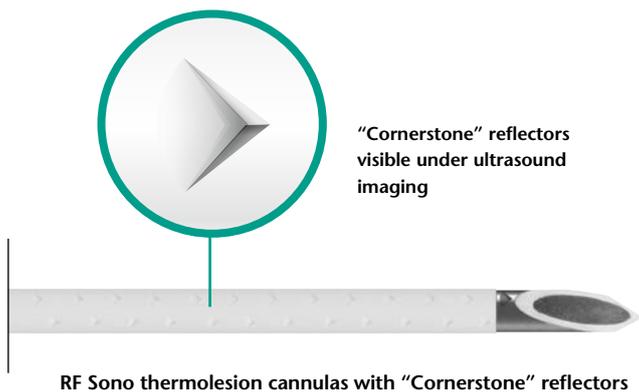


The patented "Cornerstone" reflectors are attached around the RF Sono thermolesion cannula. Their "three-walled" indentation guarantees reflection of ultrasonic waves independent of the cannula puncture angle.



Radiofrequency Thermolesion Cannula

With the introduction of "Cornerstone" technology, PAJUNK® in cooperation with Dr. Chris Mitchell launched a new generation of cannulas with outstanding reflection properties.³ Accordingly, the ultrasound visible RF Sono thermolesion cannulas significantly contribute to the safety of the procedure with their "Cornerstone" reflectors.

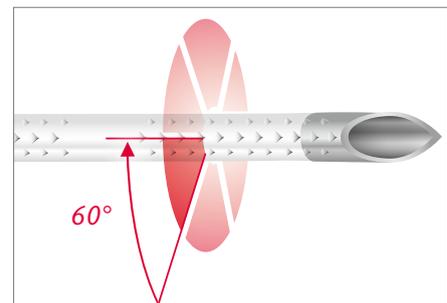


"Cornerstone" reflectors visible under ultrasound imaging

RF Sono thermolesion cannulas with "Cornerstone" reflectors

Bevel available in:

- 2.5 mm —
- 5 mm —
- 10 mm —



➔ "Cornerstone" reflectors for very good visibility under ultrasound imaging

➔ Visibility – also for steep insertion angles

Sophisticated layout

The distal end of the cannula has two sections that are each 10 mm long and graduated all-round with "Cornerstone" reflectors that are offset 60°.

➔ This makes the cannula tip extremely visible and permits clear identification of its position.

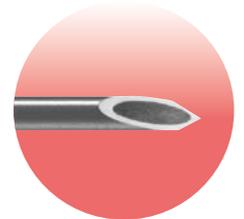
Interventional pain therapy

Cannula

RFTL



Product	dydis	Aktyvus Galas	Kodas	Pakuotė
RFTL	Size	Bevel	Art. No.	PU
Thermolesion cannula with bevel, 15° 15 laipsnių kampas	22 G x 52.6 mm	2 mm	001165-10A	25
	22 G x 52.6 mm	4 mm	001165-10B	25
	20 G x 52.6 mm	5 mm	001165-11D	25
	31pd 22 G x 98.6 mm	2.5 mm	001165-20A	25
	32pd 22 G x 98.6 mm	5 mm	001165-20B	25
	22 G x 98.6 mm	10 mm	001165-20C	25
	20 G x 98.6 mm	5 mm	001165-21B	25
	18 G x 98.6 mm	10 mm	001165-22C	25
	20 G x 142 mm	2.5 mm	001165-30A	10
	33pd 20 G x 142 mm	5 mm	001165-30B	10
	20 G x 145 mm	5 mm	001165-30BM	10
	20 G x 142 mm	10 mm	001165-30C	10
	20 G x 145 mm	10 mm	001165-30CM	10
	20 G x 98.6 mm	10 mm	001165-30D	25
	17 G x 142 mm	5 mm	001165-31B	10
18 G x 145 mm	10 mm	001165-40CM	10	

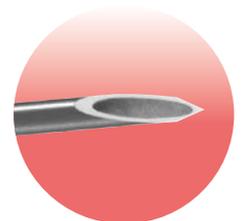


RFTL

RFTL

Thermolesion cannula, curved with bevel, 15°

22 G x 52.6 mm	10 mm	011165-12C	25
22 G x 98.6 mm	10 mm	011165-20C	25
20 G x 98.6 mm	10 mm	011165-30D	25
20 G x 142 mm	10 mm	011165-32C	10
20 G x 145 mm	10 mm	011165-32CM	10
18 G x 145 mm	10 mm	011165-40CM	10
18 G x 98.6 mm	10 mm	011165-40D	25



RFTL
curved

Atrinkimas ir efektyvumas

Terminio poveikio bei pulsuojančio radio dažnio terapija

Radiodažnuminis terminis poveikis svarbus ir žinomas kaip priemonė chroniško skausmo nuėmimui. Pajunk šioms procedūroms siūlo specializuotas adatas.

Adata įvedama naudojant vaizdines priemones (ultragarsą, kompiuterinę tomografiją ar rentgeno aparatą). Kontrastinis skystis ar analgetikai gali būti leidžiami per Luer-Lock angą. Stimuliacijos kontrolės pagalba galiuko pozicionavimas yra patikimai patikrinimas dėl motorinio ir sensorinio įnervavimo. Aplinkui esantis nervinis audinys yra koaguliuojamas aukšto dažnio reikšme. Poveikio pratęsimas iš esmės apibrėžiamas aktyvaus kaniulės galiuko ilgiu.

<...>

Radiodažnuminės adatos

Tai plačiai paplitusi technika, speciali adata su laidžiu galiuku, kurią galima naudoti su vizualinėmis priemonėmis (ultragarsu, rentgeno aparatu), kad lengviau identifikuoti nervą. Po įvedimo į radiodažnuminį elektrodą specialios kaniulės nervinis audinys yra veikiamas aplinkui aktyvią kaniulės galiuko dalį.

Kaniulės turi skirtingo dizaino ir ilgio galiukus.

<...>

Skirtingos adatų versijos

Dėl invazyvumo ir intervencijos itin svarbus yra adatos galiuko teisingas įvedimas. Labai svarbu, kad galima įvedimą kontroliuoti ultragarsu arba rentgeno aparato pagalba. Dėl to yra sukurti 3 adatų tipai:

- Rentgeno kontrolei:
Standartinės adatos,
Lenktos adatos
- Ultragarso kontrolei:
- Su UG reflektoriai „cornerstone“ tipo

Standartinės kaniulės būna įvairių ilgių dviejų geometrinių tipų:

Su nuopjova tiesios: 2, 2,5, 4, 5, 10 mm

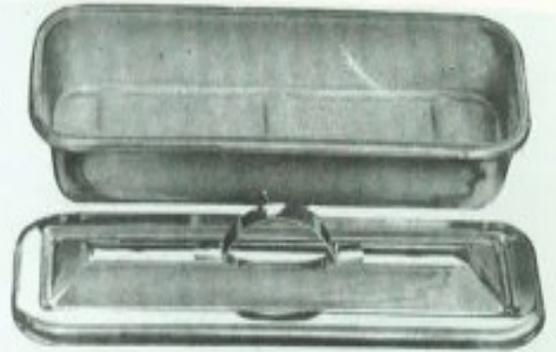
Su nuopjova lenktos: 10mm

Patentuoti „cornerstone“ reflektoriai yra ant kaniulių ir jų identifikacija garantuoja puikų UG atsispindėjimą, nepriklausomai nuo punkcijos kampo.

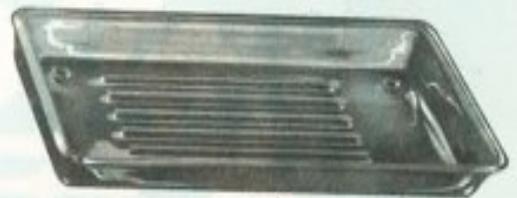
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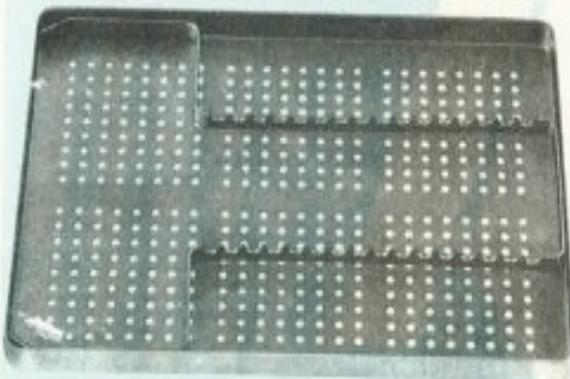
INSTRUMENTS TRAY WITH LID
M-9-250
208 x 187 x 40 mm



INSTRUMENTS TRAY WITH LID
M-9-260
8 1/2" x 3" x 1 1/4"



INSTRUMENTS TRAY
M-9-270
300 x 220 x 30 mm **42 poz**



INSTRUMENTS TRAY WITH LID
PERFORATED
M-9-255
288 x 187 x 40 mm



DOCKEL ALLEIN

JAR WITHOUT LID	SIZE IN mm	JAR WITH LID
M-9-280	30 x 90	M-9-290
M-9-281	50 x 100	M-9-291
M-9-282	50 x 130	M-9-292
M-9-283	50 x 175	M-9-293
M-9-284	75 x 100	M-9-294
M-9-285	75 x 130	M-9-295
M-9-286	75 x 175	M-9-296
M-9-287	100 x 175	M-9-297
M-9-288	100 x 200	M-9-298

42 poz
pagamintos iš nerūdijančio plieno
atsparios dezinfekcinėms medžiagoms
atsparios aukštai temperatūrai

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**Surgical instruments and powered equipment should be cleaned,
handled, and used according to manufacturers' instructions.**

1. Manufacturers' instructions provide direction for care, cleaning, handling, and correctly using surgical instruments and powered equipment. Proper care, cleaning, and handling helps safeguard instruments' function and effectiveness. Using instruments according to their intended use reduces the likelihood of procedure delay, patient/personnel injury, infections caused by instrument damage or malfunction, and/or costly repairs. (2)

RECOMMENDED PRACTICE II

Instruments should be kept free of gross soil during surgical procedures.

1. Instruments should be wiped with sponges moistened with sterile water. Corrosion, rusting, and pitting occur when blood and debris are allowed to dry in or on surgical instruments. (3)

2. Lumened instruments should be irrigated with sterile water. Cannulated or lumened instruments may become obstructed with organic material. Irrigating instruments with sterile water helps remove residue. Saline causes deterioration of instrument surfaces and should not be used. (4)

RECOMMENDED PRACTICE III

Effective and timely decontamination of instruments should be performed in a manner that minimizes risk to those performing the task.

1. All instruments opened on the sterile field require decontamination.

2. Personal protective attire should be worn by personnel when decontaminating instruments. Personal protective equipment can prevent contaminated blood and body fluids from coming in contact with personnel involved in decontamination. Protective attire is designed to protect the skin, mucous membranes, and eyes from exposure to blood, body fluids, and other infectious materials. (5)

3. Instruments should be prepared for decontamination after use. Instruments should be taken apart and arranged in an orderly fashion in mesh-bottom trays so that all surfaces are exposed to the action of an automated cleaner, if used. The following activities should be completed:

* open instrument box locks;

42 poz

- * place heavy retractors and/or other heavy instruments on the bottom or in a separate tray;
- * place scissors, lighter-weight instruments, and microsurgical instruments on top;
- * separate all reusable sharp instruments from general instruments; and
- * cover instruments with a damp towel, at a minimum, to prevent drying during transportation to the decontamination area. (6)

An enzymatic soak solution, spray, gel, or foam may be used for these and other hard-to-clean instruments during transport. (7) Corrosion, rusting, and pitting occur when blood and debris are allowed to dry in or on surgical instruments. (8) Cannulated or lumened instruments may become obstructed with organic material. (9)

4. In the decontamination area, automated and/or manual cleaning methods of equal effectiveness should be used for decontaminating instruments. (10) The following methods may be used for decontamination.

- * Washer/sterilizer. The washer/sterilizer processes instruments through several cycles, including cold water prerinse, high-temperature wash with alkaline detergent, neutralizing cycle, final rinse, sterilization, and drying.

- * Ultrasonic cleaner. Ultrasonic cleaners facilitate removal of small particles and debris from instrument crevices through a process called cavitation. (11) Ultrasonic energy is passed through a water bath, creating bubbles that implode. The process of implosion creates a suction action that pulls debris away from instrument surfaces. When using an ultrasonic cleaning process, follow manufacturers' instructions for detergent selection and proper use, care, and maintenance of the ultrasonic unit. (12) When using an ultrasonic cleaning process

ChannelMED®

MARLINIAI TVARSČIAI

- Pagaminti iš 17 siūlų marlės;
- Su į vidų užlenktais kraštais;
- Su rentgeno kontrastiniu siūlu ir be rentgeno kontrastinio siūlo;
- 4 sl; 8 sl., 12sl. ir kiti pagal pageidavimą.
- Dydžiai: 5x5 cm; 7,5x7,5 cm; 10x10 cm; 10x15 cm; 10x20cm; 10x60cm; 20x20 cm; 25x25 cm; 30x45cm; 40x45cm; 45x70cm; ir kiti pagal pageidavimą
- Nesterilūs, pakuotėse po N100, N200



- Sterilūs, pakuotėse po N1, N2, N5, N10 ir kt.
- Sterilūs, dvigubose (įvyniota į papildomą popierių) pakuotėse po N1, N2, N5, N10 ir kt.



- Apvalūs, įv. dydžių, pakuotėse po N100, N150, N200



ChannelMED®

GAUZE SWABS

- **Made of 17 threads;**
- **Folded;**
- With or without x-ray thread;
- 4-ply; **8-ply**, 12-ply and other requested;
- Sizes: 5x5 cm; 7,5x7,5 cm; 10x10 cm; 10x15 cm; 10x20cm; **10x60cm**; 20x20 cm; 25x25 cm; **30x45cm**; 40x45cm; 45x70cm; or other requested;
- **Non-sterile**, available packages of N100, N200



- **Sterile**, available packages of N1, N2, **N5, N10** and other;
- **Sterile**, packed into double packages, available packs of N1, N2, N5, N10 and other;



- **Round swabs**, can be packed into various packages of N100, N150, N200



MARLINIAI TVARSČIAI



- Pagaminti iš 17 siūlų marlės;
- Su rentgeno kontrastiniu siūlu ir be rentgeno kontrastinio siūlo;
- 4 sl; 8 sl., 12sl., 16 sl. ir kiti pagal pageidavimą.
- Dydžiai: 5x5 cm; 7,5x7,5 cm; 10x10 cm; 10x15 cm; 10x20cm; 10x60cm; 20x20 cm; 25x25 cm; 30x45cm; 40x45cm; 45x70cm; ir kiti pagal pageidavimą
- Nesterilūs, pakuotėse po N100, N200
- Sterilūs, pakuotėse po N1, N2, N5, N10 ir kt.

Pamušalinis tvarstis



Pagamintas iš 100% poliesterio

Pamušalinis tvarstis gipsui užtikrina patogumą ir apsaugą, nepralaidus vandeniui, tai leidžia paciento odai išlikti sausiai. Pamušalinis tvarstis nusiima greitai, lengvai formuojamas, užtikrina patogumą.

10cm x 2,7m

15cm x 2,7m

20cm x 2,7m

Undercast bandage



Made from 100% polyester

Undercast bandage provides comfort and protection, waterproof, which allows the patient skin to remain dry. Undercast bandage is removed quickly, easily forming and providing comfort.

10cm x 2,7m

15cm x 2,7m

20cm x 2,7m

429

Apvalūs marliniai tvarsčiai

49 poz.

Gauze balls

Bolas de gaze

Tampons de gaze

Mulltupfer

Gaasdepper

Tampone tondo

Bola de gasa

Gasvāvstork- boll



Gauze balls

- 100% cotton, elastic ring.
- For fluid absorption during surgery, cleaning and disinfection of the skin.
- 17 threads/sq.cm with approx. 23g/sq.m, **17 siūlų**
 - 20 threads/sq.cm with approx. 27g/sq.m,
 - 24 threads/sq.cm with approx. 37g/sq.m, according to European Pharmacopea and EN 14079.
- X-Ray detectable thread with approx. 60% barium sulphat contents.
- Raw edges of the fabric are turned inside and kept with the help of an elastic ring made of silicone.
- Plastic bag + transport carton.

DIAMETER:
DIÂMETRO:



Flat size.
Diâmetro achatado.



Round size.
Diâmetro arredondado.

Non sterile

49 poz.



Code	REF	Weight	X Diameter	Y Diameter	X-Ray	Gauze diameter	Threads	Pcs./Bag	Pcs./Tr. carton
429-004	D	0,37	25	35		180cm2	17	100	1000
429-005	E	0,71	30	40		340cm2	17	100	1000
429-006	F	0,83	40	50		400cm2	17	100	1000
429-007	G	1,63	50	60		780cm2	17	100	1000
429-008	H	1,87	55	70		900cm2	17	100	1000
429-009	I	2,92	65	80		1400cm2	17	100	1000
429-010	J	3,32	75	90		1600cm2	17	100	1000
429-011	K	3,78	85	100		1800cm2	17	100	1000
429-015	D	0,37	25	35	X	180cm2	17	100	1000
429-016	E	0,71	30	40	X	340cm2	17	100	1000
429-017	F	0,83	40	50	X	400cm2	17	100	1000
429-018	G	1,63	50	60	X	780cm2	17	100	1000
429-019	H	1,87	55	70	X	900cm2	17	100	1000
429-020	I	2,92	65	80	X	1400cm2	17	100	1000
429-021	J	3,32	75	90	X	1600cm2	17	100	1000
429-022	K	3,78	85	100	X	1800cm2	17	100	1000
429-023	A	0,12	12	17		36cm2	24	100	1000
429-024	B	0,21	15	20		64cm2	24	100	1000
429-025	C	0,33	20	25		100cm2	24	100	1000
429-026	D	0,44	25	35		180cm2	20	100	1000
429-027	E	0,83	30	40		340cm2	20	100	1000
429-028	F	0,98	40	50		400cm2	20	100	1000
429-029	G	1,91	50	60		780cm2	20	100	1000
429-030	H	2,2	55	70		900cm2	20	100	1000
429-031	I	3,42	65	80		1400cm2	20	100	1000
429-032	J	3,9	75	90		1600cm2	20	100	1000
429-033	K	4,44	85	100		1800cm2	20	100	1000
429-034	A	0,12	12	17	X	36cm2	24	100	1000
429-035	B	0,21	15	20	X	64cm2	24	100	1000
429-036	C	0,33	20	25	X	100cm2	24	100	1000
429-037	D	0,44	25	35	X	180cm2	20	100	1000
429-038	E	0,83	30	40	X	340cm2	20	100	1000
429-039	F	0,98	40	50	X	400cm2	20	100	1000
429-040	G	1,91	50	60	X	780cm2	20	100	1000
429-041	H	2,2	55	70	X	900cm2	20	100	1000
429-042	I	3,42	65	80	X	1400cm2	20	100	1000
429-043	J	3,9	75	90	X	1600cm2	20	100	1000
429-044	K	4,44	85	100	X	1800cm2	20	100	1000

Underpads

Paklotai

It is a versatile solution that provides protection for all not easily washable surfaces (bed, wheelchair, armchair) and is beneficial for consumer hygiene.

- Total Protection
- Ultra Rapid Absorption
- Super-Dry Effect

Total Protection



Functional characteristics



Ultra Rapid Absorption and Total Protection



Super-Dry Effect



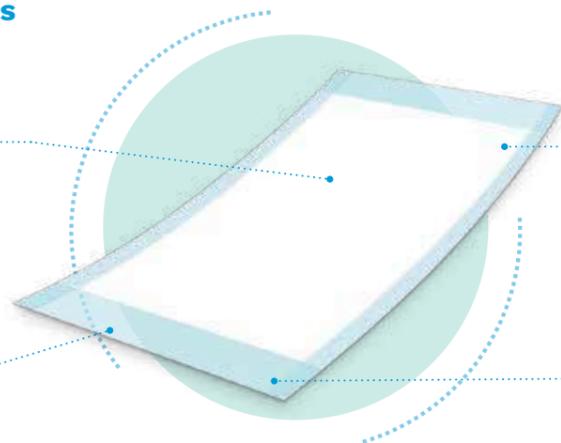
"Cotton Effect" Coating



Hypo-Allergenic

Structural characteristics

"Cotton effect" soft non-woven fabric



Super absorbent pad

Anti-rustle, waterproof outer covering

Side wings that can be tucked under the mattress (size 80x180 cm only)

Item code	Size	Absorbtion	Pack Count	Case Count		
XT240060C-30	40x60	EXTRA	30	6		•
XT260060C-30	60x60	EXTRA	30	4		•
XT060090C-30	60x90	ECO PLUS	30	6		•
XT160090S-30	60x90	PLUS	30	4		•
XT260090C-30	60x90	EXTRA	30	4		•
XT360090C-30	60x90	SUPER	30	4		•
XT080180C-30	80x180	ECO PLUS	30	6		•
XT180180S-30	80x180	PLUS	30	4		•
XT280180C-30	80x180	EXTRA	30	4	52 poz.	•
XT380180C-30	80x180	SUPER	30	4		•
Space saving pack						
XT260090C-10	60x90	EXTRA	10	6		•
XT280180C-10	80x180	EXTRA	10	6		•

Light inco

Lady

- Total Protection
- Ultra Rapid Absorption
- Super-Dry Effect

EGOSAN® Lady Light inco, thanks to its small size, is the most discreet answer to light incontinence problems. Its anatomical shape gives an excellent fit and the presence of an adhesive strip allows a secure fixing to the underwear giving maximum stability when worn.



Functional characteristics



Total Protection



Super Discreet



Anti-Odour System



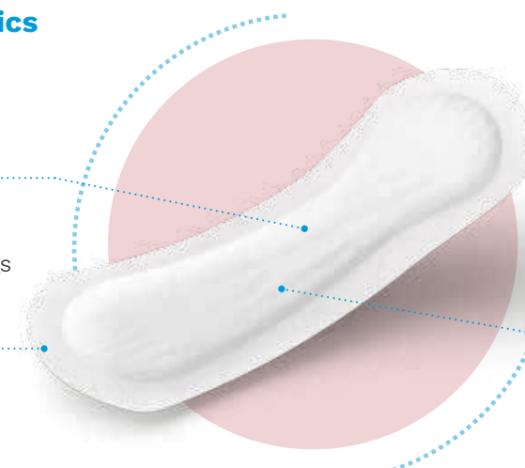
Hypo-Allergenic



Structural characteristics

"Cotton effect" soft non-woven fabric

Wide adhesive strip on the back (for Mini and Mini Plus With Wings the product is directly applied to the pouch)



Anatomic shape

Super absorbent three-dimensional pad

	Item code	Size	Absorbtion	Pack Count	Case Count		
SPACE SAVING PACK	XSL10BD-20B	ONE-SIZE	MINI	20	10	•	•
	XSL20BD-16BA	ONE-SIZE	MINI PLUS WITH WINGS	16	8	•	•
	XSL30BD-12B	ONE-SIZE	NORMAL	12	8	•	•
	XSL40BD-10B	ONE-SIZE	EXTRA	10	12	•	•
	XSL50B-15	ONE-SIZE	SUPER	15	6	•	•
	XSL30BD-24B	ONE-SIZE	NORMAL	24	12	•	•
	XSL40BD-20B	ONE-SIZE	EXTRA	20	10	•	•
	XSL45C-30	ONE-SIZE	SUPER	30	6	•	•
	XSL50C-30	ONE-SIZE	SUPER NIGHT	30	6	•	•

52 poz.



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 Ortopedia,
 Incontinenza

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 Tel. + 39 02 85917711 - Fax + 39 02 86463407

Sarego (Vicenza), 08/02/2021

carton/invoice New REF	carton/invoice REF	SIZE	BRAND	TYPE OF PRODUCT	breathability	aver. ABSORBENCY			total weight (gr)	pelvis cm	Units / Bag	Bags / carton	cartons /		height (cm) pallet	units pallet (h240)	units truck 33pa	Carton size (cm)	Ex Works Unit Net Price
						description	drops	av. ISO-DIS 11948-1 (gr)					pallet layer	Pallet					
XT280180C-30	XT280180C-30	80x180	Egosan	Underpads cm80x180	\	\	\	2000	97	\	30	4	3	30	235	3.600	118.800	80x40x22	

SPECIFICATIONS
ROMED COPOLYMER EXAMINATION GLOVES
PRESSED ON PAPER, POWDERFREE, **STERILE**
REF: GL-1366 (S), GL-1367 (M), GL-1368 (L)



Applicable harmonized standard: EN 455-1,-2,-3, 4, EN ISO 374-1, -5, EN 16523-1, EN 420, EN ISO 21420
 Medical device conform MDD 93/42/EEC
 Personal Protective Equipment conform (EU) 2016/425 PPE

Sizes	S, M, L
Material	<p>LDPE (Low Density Polyethylene)</p> <ul style="list-style-type: none"> - High transparent, isolative and mechanical properties. No taste or odour. Mainly intended for the extension of blown film. <p>EVA (EVA copolymer)</p> <p>This product does not contain latex.</p> <p>White paper 30 g/m²</p>
Packing	Per piece pressed on paper

Dimensions

	S (mm)	M (mm)	L (mm)
Thickness (2-ply)	0.044 ± 0.001		
Width (from thumb to little finger)	134 ± 4	152 ± 4	160 ± 4
Length from outside cuff to tip of middle finger	280 ± 5	300 ± 5	315 ± 5
Width of cuff	137 ± 3	167 ± 3	167 ± 3

Width of middle finger	40 ± 2	43 ± 2	44 ± 2
Weight (gram)	1.7 ± 0.1	1.8 ± 0.1	1.9 ± 0.1

Sterilization

The Romed Copolymer examination gloves are sterilized by Gamma irradiation. Expiry date: 5 years after sterilisation.

Packing

Per piece in a peel pouch, 100 pieces in an inner box, 24 inner boxes in an export carton.

SPECIFIKACIJOS
ROMED KOPOLIMERINĖS APŽIŪROS PIRŠTINĖS
SUPAKUOTOS POPIERIUJE, BE PUDROS,
STERILIOS
REF: GL-1366 (S), GL-1367 (M), GL-1368 (L)



Taikomas subalansuotas standartas: EN 455-1,-2,-3, 4, EN ISO 374-1, -5, EN 16523-1, EN 420, EN ISO 21420 Medicinos prietaisų patvirtinimas MDD 93/42/EEC
 Asmeninės apsaugos priemonių patvirtinimas (EU) 2016/425 PPE

Dydžiai	S, M, L
Medžiaga	<p>LDPE (Mažo tankio polietilenas)</p> <p>- Didelio skaidrumo, izoliuojančios ir mechaninės savybės. Nėra skonio ar kvapo. Daugiausiai skirta išpūstos juostelės pratęsimui.</p> <p>EVA (EVA kopolimeras)</p> <p>Šiame produkte nėra latekso.</p> <p>Baltas popierius 30 g/m²</p>
Pakuotė	Atskiras vienetas supakuotas popieriuje

Matmenys

	S (mm)	M (mm)	L (mm)
Storis (2-ply)	0.044 ± 0.001		
Plotis (nuo nykščio iki mažojo piršto)	134 ± 4	152 ± 4	160 ± 4
Ilgis nuo rankogalio iki viduriniojo piršto galiuko	280 ± 5	300 ± 5	315 ± 5
Rankogalio plotis	137 ± 3	167 ± 3	167 ± 3

Viduriniojo piršto plotis	40 ± 2	43 ± 2	44 ± 2
Svoris (gr)	1.7 ± 0.1	1.8 ± 0.1	1.9 ± 0.1

Sterilizacija

Romed kopolimerinės apžiūros pirštinės yra sterilizuotos gamma spinduliais. Galiojimo data: 5 metai po sterilizacijos.

Pakuotė

Vienas vienetas plėšiamame maišelyje, 100 vienetų vidinėje pakuotėje, 24 vidinės pakuotės eksportinėje dėžėje.

TRACHEOSTOMY TUBES

**FOR NEONATES
AND CHILDREN**

71 pirkimo dalis- Tracheostominiai vamzdeliai be manžetės CH4 (vaikams)

Our tracheostomy tubes for neonates and children are specially tailored to the requirements of little patients. [sudėtyje nėra DEHP](#)

They are made of particularly soft, flexible **DEHP-free material** and formed atraumatically. Due to their thin-walled design they ensure high air supply, but at the same time retain their high stability of form. The swivelling 15 mm connector of these tracheostomy tubes enables easy connection of ventilation circuits and minimizes the transmission of tensile and shear forces to the tube.



Swivelling 15 mm connector



The cuffed version have an ultra-thin Polyurethan (PU) cuff



Special recesses on the flange enable maximum flexibility



Different flange designs for neonatal and pediatric patients

**PEDIATRIC
TRACHEOSTOMY TUBES
WITHOUT CUFF**

Product features

- Pediatric tracheostomy tube made of radiopaque material for position control, with swivelling 15 mm connector
- 1 Obturator for easy insertion
- Without inner cannula system in order to provide a large inner lumen
- Cylindrical form ensures greatest possible inner diameter
- For removal of the swivelling connector and disconnecting of accessories the included disconnecting wedge can be used
- Material: PVC, latex-free, DEHP-free, bisphenol A-free, thermo-sensitive



**PED - PEDIATRIC
TRACHEOSTOMY TUBE
WITHOUT CUFF**

Indication

- Tracheostomy in children
- Radiation/ MRI depending on tumour localisation

SIZE CHART:

Size	ID	OD	Length along centre line	PU	Article number
3.0	3,0 mm	4,5 mm	39 mm	1 set	200051
3.5	3,5 mm	5,2 mm	40 mm	1 set	200052
4.0	4,0 mm	5,9 mm	41 mm	1 set	200053
4.5	4,5 mm	6,5 mm	42 mm	1 set	200054
5.0	5,0 mm	7,1 mm	44 mm	1 set	200055
5.5	5,5 mm	7,7 mm	46 mm	1 set	200056

INCLUDING:



NECK STRAP

DISCONNECTING WEDGE



**OPTIONAL
ACCESSORIES**

Pediatriniai tracheostominiai vamzdeliai be manžetės

Produkto savybės:

- Pediatriniai tracheostominiai vamzdeliai yra pagaminti iš rentgenokontrastinės medžiagos pozicijos kontrolei ir su besisukiojačiu 15mm konektoriumi
- 1 obturatorius legvesniam įdėjimui
- Be vidinės kaniulės siekiant užtikrinti didesnį vidinį kanalą
- Cilindro forma užtikrina didesnį vidinį diametrą
- Medžiaga: PVC, be latekso, be ftalatų (DEHP), be bisfenolio.

Dydis	Vidinis diametras	Išorinis diametras	Ilgis per centrinę liniją	Kiekis	Kodas
3,0	3,0mm	4,5mm	39mm	1 rinkinys	200051
3,5	3,5mm	5,2mm	40mm	1 rinkinys	200052
4,0	4,0mm	5,9mm	41mm	1 rinkinys	200053
4,5	4,5mm	6,5mm	42mm	1 rinkinys	200054
5,0	5,0mm	7,1mm	44mm	1 rinkinys	200055
5,5	5,5mm	7,7mm	46mm	1 rinkinys	200056

I rinkinį taip pat įeina:

Kaklo raištis

Išėmimo pleištis

72 pirkimo dalis- Tracheostominiai vamzdeliai su manžete Trachoe Vario arba lygiaverčiai



REF 460-P

TRACOE vario Tracheostomy Tube with Adjustable Neck Flange, Low Pressure Cuff and Atraumatic Insertion System

REF 460-P In sterile package

- ◆ Cannula with 15 mm connector, cuff, X-ray contrast line, scale and atraumatic insertion system
- ◆ Sterile lubricating gel
- ◆ Obturator and wide neck strap (shown on page 15)



REF 461-P

NEW!

TRACOE vario XL Tracheostomy Tube, Extra-Long, with Adjustable Neck Flange, Low Pressure Cuff and Atraumatic Insertion System

REF 461-P In sterile package

- ◆ Cannula, extra-long, with 15 mm connector, cuff, X-ray contrast line, scale and atraumatic insertion system
- ◆ Sterile lubricating gel
- ◆ Obturator and wide neck strap (shown on page 15)

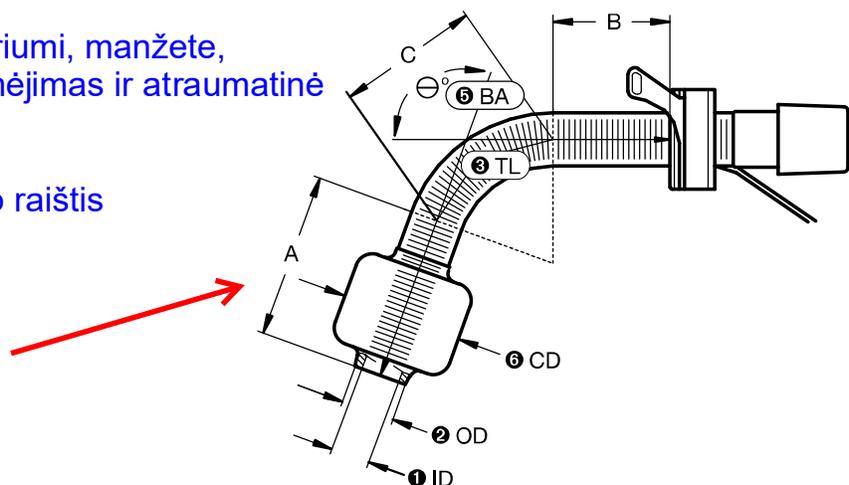
Kodas 460-06

Tracoe VARIO tracheostominis vamzdelis, su reguliuojama kaklo plokštele, žemo slėgio manžete ir atraumatinė įvedimo sistema

Sterilioje pakuotėje

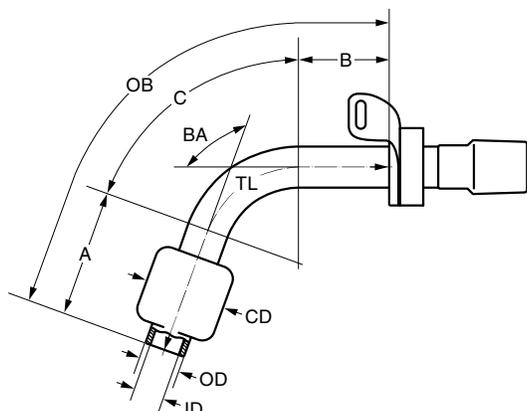
- Kaniulė su 15mm konektoriais, manžete, rentgenokonstratinė linija, žymėjimas ir atraumatinė įvedimo sistema
- Sterilus lubrikantas
- Obturatorius ir platus kaklo raištis

Schema



Technical Data

TRACOE vario



REF 450, REF 455, REF 460 *in sizes 06 – 11*

REF 464 *in sizes 07 – 09*

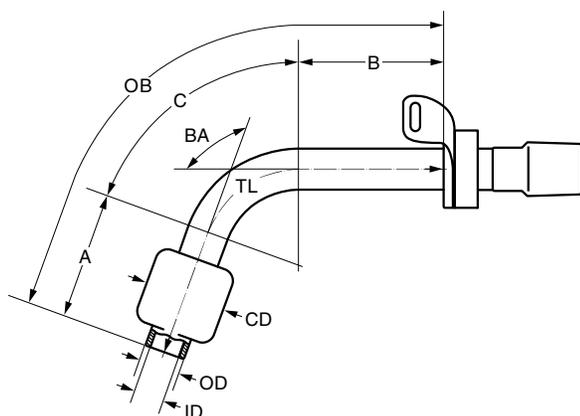
REF 470 *in sizes 07 – 10*

REF 450-P, REF 460-P *in sizes 07 – 09*

REF 470-P *in sizes 08 – 09*

Size	ID	OD	A	C	B	TL	OB	BA	CD
	mm	mm	mm	mm	mm	mm	mm	°	mm
06	6.0	8.2	30	28	12	70	76	100	23
07	7.0	9.7	33	32	15	80	86	100	26
08	8.0	11.2	35	35	20	90	97	100	28
09	9.0	12.3	38	35	27	100	106	100	30
10	10.0	13.7	38	37	35	110	120	100	32
11	11.0	14.8	38	37	35	110	121	100	34

TRACOE vario XL



REF 451, REF 461, REF 471 *in sizes 07 – 10*

REF 451-P, REF 461-P *in sizes 07 – 09*

REF 471-P *in sizes 08 – 09*

Size	ID	OD	A	C	B	TL	OB	BA	CD
	mm	mm	mm	mm	mm	mm	mm	°	mm
07	7.0	9.7	35	36	33	104	110	100	23
08	8.0	11.2	37	43	40	123	128	100	28
09	9.0	12.3	38	43	45	126	134	100	30
10	10.0	13.7	38	52	45	135	146	100	32

ID: inside diameter (clear width) at bottom of cannula; **OD:** outside diameter at bottom of cannula; **A:** length; **C:** length; **B:** length; **TL:** length along centre line; **OB:** length along outer bend; **BA:** bending angle; **CD:** cuff diameter

To order, specify **REF + size**, e. g. **REF 450-08**

Dokumentą elektroniniu
parašu pasirašė MONIKA
KATINAUSKAITĖ
Data: 2021-02-26 13:34:54
Vieta: Kaunas
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