

Full range of perfusion cannulas – from adjustable multiorgan procurement cannulas, back table kidney perfusion adapter to small size liver procurement cannulas and custom made versions.

9. Eksplantuojamų donorinių organų perfuzijos kaniulės 16 Fr, 20 Fr, 25 Fr:
 - sterilios (simbolis ant pakuotės); - ant pakuotės pažymėta produkto pagaminimo data ir galiojimo laikas; - individualiame įpakavime;- su numatyta pakuotės atidarymo vieta;- permatomos kaniulės skirtos pilvo organų transplantacijai;- lengvai įvedamos į kraujagyslę;- lanksčios;
 - proksimalinis kaniulės galas prijungimui tvirtas ir lankstus;
 - minkštas ir neaštrus kaniulės distalinis (kraujagyslinis) galas;
 - kaniulės distaliniame gale specialus sustorėjimas, skirtas jos tvirtinimui prie kraujagyslės;
 - kaniulės su papildomu slankiojančiu žiedu, kurį galima pristumti prie distalinio sustorėjimo, geresniam kaniulės pritvirtinimui prie donorinio organo kraujagyslės;
 - kaniulių proksimaliniai galai spalvoti lengvesniam atpažinimui;
 - dydžiai: 16 Fr, 20 Fr, 25 Fr.

OUR CANNULAS



Cannula size	d1 mm (F)	d2 mm (F)	d3 mm (F)
8F	2.7 (8F)	4.7 (14F)	—
10F	3.3 (10F)	5.3 (16F)	—
12F	4.0 (12F)	6.3 (19F)	—
✓ 16F	5.3 (16F)	7.3 (22F)	8.7 (26F)
✓ 20F	6.7 (20F)	9.3 (28F)	10.7 (32F)
✓ 25F	8.3 (25F)	11.3 (34F)	13.3 (40F)

14 YEARS WITH POLISH TRANSPLANT PHYSICIANS

14 YEARS OF EXCITEMENT AND FASCINATION

Since we provide all kinds of solutions for organ perfusion and preservation we kindly encourage you to check, order and test other products from our offer. Put your trust in our expertise and ensure high efficiency of transplantation process while reducing the procedure costs. We are proud that we offer innovative products for your convenience. Feel free to visit our www.carnamedica.com web page and contact us anytime you need."

Paweł Szczudło MD – Owner

OUR PROCUREMENT CANNULA RANGE

LIVER

each pack contains 10 pcs

8F



10F



12F



KIDNEY

BACK TABLE PERFUSION ADAPTER



each pack contains 10 pcs

MULTIORGAN PROCUREMENT

p.d.9

each pack contains 10 pcs

✓ **16F** (adjustable to 18F)



✓ **20F** (adjustable to 28F)



✓ **25F** (adjustable to 34F)



Sterilios

Kaniula do perfuzji narządów
Cannula for organ perfusion

8F

Wyrób przeznaczony wyłącznie do perfuzji narządów w procesie przygotowania do transplantacji. The device is intended to be used only for organ perfusion within preparation process for transplantation.

Ver. KP/2020/01/31

CE
2274

Cannula for organ perfusion
8F

LOT 20200128
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REF KP8-14



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Documentation sticker

CANNULAS

FOR ORGAN PERFUSION

INSTRUCTIONS FOR USE

EN

 **carnamedica**

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IFU/KP/EN/2020/02/03


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1. PRODUCT APPLICABILITY

Organ perfusion cannulas, regardless of their type – that is their length and size (diameter) – are intended for flushing and replacing residual blood in donor organs (with organ-protecting & preserving fluids, during the process of organs preparation for transplantations), using the force of gravity or using mechanical perfusion devices.

The perfusion adapter is intended for removal of perfusion fluid residues in organs

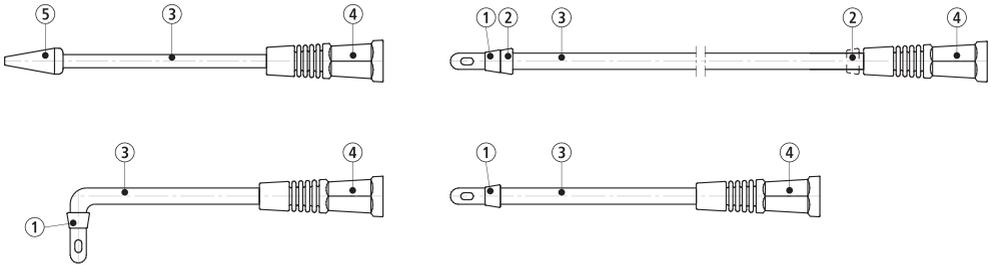
The manufacturer does not assume different applications of the product, other than those described above.

The cannulas are sterile, non-toxic and apyrogenic products. Prior to use, the physician shall individually determine the type of the cannula, its size, shape and length, as needed.

Available sizes of the cannulas: **p.d.9**

Product Name	Part (REF) number	Cannula length (mm)	Drain size (F)	Fixed ring size (F)	Slip ring size (F)	Anti-bend linker color
Cannula for organ perfusion 8F	KP8-14	305	8	14	—	Navy blue
	KP8-14-K	175				
Cannula for organ perfusion 10F	KP10-16	305	10	16	—	Black
	KP10-16-K	175				
Cannula for organ perfusion 12F	KP12-19	305	12	19	—	Clear
	KP12-19-K	175				
Cannula for organ perfusion 16F	KP16-22-26 ✓	305	16	22	26	Orange
	KP16-22-K	75			—	
Cannula for organ perfusion 20F	KP20-28-32 ✓	302	20	28	32	Yellow
	KP20-28-K	75			—	
Cannula for organ perfusion 25F	KP25-34-40 ✓	305	25	34	40	Blue
	KP25-34-K KP25-34-K-B	75			—	
Cannula for organ perfusion – back table adapter	KP16-32A (adapter)	175	16	Cone size (F)		Orange
				32		

The following picture shows the basic components of the cannula.



✓ 1 – Fixed ring; ✓ 2 – Slip ring; 3 – Cannula drain; 4 – Anti-bend linker; ✓ 5 – Cone

2. CONTRAINDICATIONS

None No information on contraindications.

The final decision regarding the product use in a procedure to be made by the surgeon.

3. RECOMMENDATIONS

Cannula basic packaging must be always opened immediately prior to its use. Also, before the product application check its expiration date and the condition of its packaging (only undamaged unit packaging guarantees sterility of the product). Avoid activities that may cause mechanical damage to the product. Do not use the product, if any damage of the cannula or of its packaging is found. The cannula is a disposable product. Product re-sterilization is unacceptable. Used cannulas should be destroyed and disposed of properly.

Only medical personnel with appropriate professional qualifications and necessary surgical experience may perform procedures using the cannula. During preparation as well as during the procedure, it is necessary to follow any applicable medical procedures and to ensure fully aseptic treatment.

4. INSTRUCTIONS FOR USE

Each time, prior to use, it is necessary to verify that the size of the cannula has been chosen appropriately matching the diameter of the vessel. In case of mechanical perfusion, additionally it is necessary to check that the length of the cannula is appropriate and that it ensures easy installation in the container of the mechanical perfusion device. Before use, the cannula shall be removed from its packaging while ensuring fully aseptic handling. Next, introduce the cannula into the vessel supplying blood to the organ, outside the ring(s). If resistance is felt during introduction, it is necessary to abort the process and to consider use of another cannula with a smaller diameter or another organ cannulation option. The cannula introduced into the organ container should be secured with a suture applied above the ring. Connect the cannula to the system that supplies protecting (preserving) liquids using the anti-bend linker. Before commencing with liquids administration, check the entire system for correct connection and tightness.

5. POSSIBLE RISKS AND COMPLICATIONS

The cannula is a surgical, invasive product introduced to the arterial system of the donor, requiring precautions during its use.

In the course of the procedure the following complications may be experienced:

Leaks at the suture securing against slipping, damage to the inner wall of the organ vessel, organ's vessel perforation, organ vessel delamination, organ vessel's vasospasm or damage to the artery being cannulated.

6. STORAGE

Cannulas shall be stored in dry, ventilated rooms in ambient temperatures (permissible temperature range: from 5°C to 45°C). Protect against moisture, mechanical damage, organic solvents.

7. LIABILITY

Carnamedica Sp. z o.o. shall not be liable for any damages resulting from the product misuse or from its use that fails to comply with the operating instructions. Carnamedica Sp. z o.o. shall not be liable for any damages resulting from the product re-use or from use of products, that have been independently modified or re-sterilized by the user. Carnamedica Sp. z o.o. shall not be liable for any damages resulting from use of a product with damaged unit packaging, e.g. with packaging damaged during transportation, storage or at the destination.

If any product defects are discovered in use, it is necessary to keep the defective product and to secure it along with its original packaging and to immediately notify Carnamedica Sp. z o.o. **The product may be used by qualified medical personnel only.**

Use immediately after removal from the unit packaging.

✓ **THE CANNULA IS A DISPOSABLE PRODUCT.**

PRODUCT RE-STERILIZATION IS UNACCEPTABLE.

THE USED CANNULA SHALL BE DISPOSED/DESTROYED E.G. BY RECYCLING.

p.d.9

Meaning of symbols appearing in the instructions for use and on labels

	Manufacturing date		Caution! Read the instructions for use!		The product meets the requirements of the European Medical Devices Directive MDD. The manufacturer is certified by the Notifying Authority No. 2274
	Shelf life		Do not use if the packaging is damaged.		See the instructions for use.
	Lot no.		Sterilised with ethylene oxide. sterile flow path		Restriction of acceptable storage temperatures
	Catalog number		Single-use product		Keep away from sunlight.
			Medical Device		Carnamedica Sp. z o.o. ul. Olszynki Grochowskiej 21 lok. U6 04-281 Warsaw, Poland