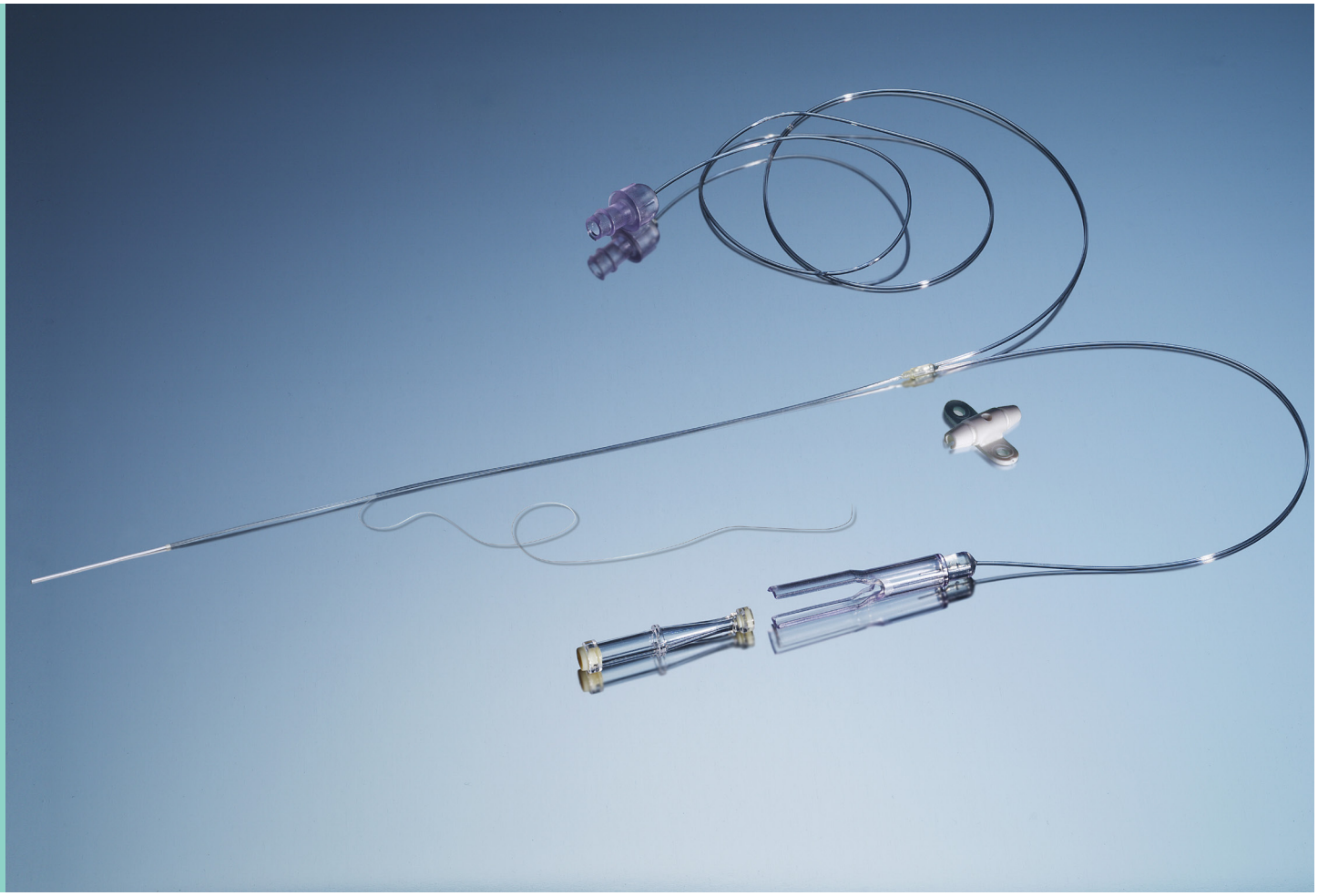


- Monitor Hepatic tissue or Intraperitoneal metabolism
- Available with 20 000 or 100 000 Dalton membrane cut off
- Reinforced shaft
- Suture attached for easy fixation

61 /61 High Cut-Off Microdialysis Catheter

The sterile, single use 61 Microdialysis Catheter and the 61 High Cut-Off Microdialysis Catheter, are indicated for Microdialysis in the hepatic tissue or in the intraperitoneal cavity. The 61 MD Catheter has a membrane with 20 000 Dalton cut off and the 61 High Cut-Off MD Catheter has a 100 000 Dalton cut off membrane.

Both the 61 MD Catheter & 61 High Cut-Off MD Catheter have a shaft length of 310 mm and a membrane length of 30 mm. The catheter is first introduced by the surgeon via a tunnelating needle through the abdominal wall during open surgery.
-When placed into the liver tissue it is achieved with the help of a splitable introducer and after insertion it is secured to the liver by sutures to the falciform ligament.
-For intraperitoneally use it is placed free floating in the intraperitoneal cavity close to the intestinal anastomosis or the region of interest.

A unique monitoring system

The 61 /61 High Cut-Off MD catheter and the Microdialysis Pump form a complete system with the ISCUSflex Microdialysis Analyzer. Microdialysis offers a unique opportunity to monitor the metabolism of the liver or the intraperitoneal cavity for several days.

When using the 61 High Cut-Off Microdialysis catheter we recommend perfusing the catheter with perfusion fluid containing high molecular weight substances for fluid balance and to avoid ultrafiltration (e.g. Dextran or similar).

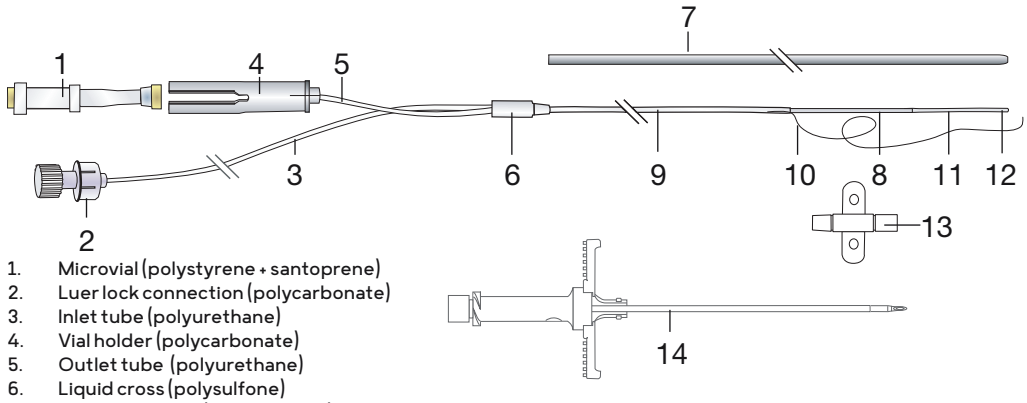
Intended purpose

The Peripheral Tissue Microdialysis catheter is intended to enable microdialysis in subcutaneous adipose tissue (63), resting skeletal muscle (63), hepatic tissue (61, 63) or in the intraperitoneal cavity (61).

The 61 Microdialysis Catheter and the 61 High Cut-Off Microdialysis Catheter, are included in the group of Peripheral Tissue Microdialysis catheters .

μ dialysis

Parts of the 61 Microdialysis Catheters



1. Microvial (polystyrene + santoprene)
2. Luer lock connection (polycarbonate)
3. Inlet tube (polyurethane)
4. Vial holder (polycarbonate)
5. Outlet tube (polyurethane)
6. Liquid cross (polysulfone)
7. Protection tube (polyethylene)
8. Inner Shaft (polyurethane)
9. Outer Shaft (polyurethane)
10. Suture (braided polyester suture, 5-0, non-resorbable)
11. Dialysis membrane (polyarylethersulphone, PAES, OD 0.6 mm)
12. Gold thread within the catheter membrane tip (OD 0.13 mm, length 3 mm)
13. Fixating device (PEBAX®)
14. Splitable Introducer

Technical information

	MATERIAL	LENGTH mm	Ø mm
		8010226 / 8050191	8010226 / 8050191
inner shaft	polyurethane	310	OD 0.9
outer shaft	polyurethane	280	OD 1.5
membrane	polyarylethersulphone, PAES	30	OD 0.6
inlet tube	polyurethane	400	OD 1.0
outlet tube	polyurethane	70	OD 1.0
Membrane Cut-off: Approx. 20 000 Daltons or 100 000 Dalton			

Ordering information

	Ref. No.
61 Microdialysis Catheter (20k Da) incl. Splitable Introducer SI-2, 4/pkg	8010226
61 High Cut-Off Microdialysis Catheter (100kDa) incl. Splitable Introducer SI-2, 4/pkg	8050191

Accessories/Consumables

	Ref. No.		Ref. No.
Splitable Introducer SI-2, 4/pkg	8010343	106 Pump Syringe, 20/pkg	8010191
Microvials, 250/pkg	P000001	Perfusion Fluid T1, 10x7,5mL	P000034
Microvial Rack, 12/pkg	P000028	Battery 6V, 1 pc	8001788
Microvials in rack Sterile, 12x4	P000154	Pump kit periperal tissue, 1 pc	8003790
106 Microdialysis Pump, 1 pc	P000003	Tunnelating needle, 1pc	P000055
107 Microdialysis Pump, 1 pc	P000127		

STERILE R Sterilized by ß-radiation

Storage temperature: 4-25 °C

Single use only

Last date of use

CE 2862 Fulfils EU Medical Device Regulation (MDR) 2017/745

MD Medical device

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