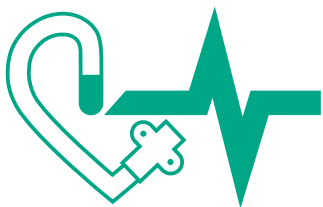
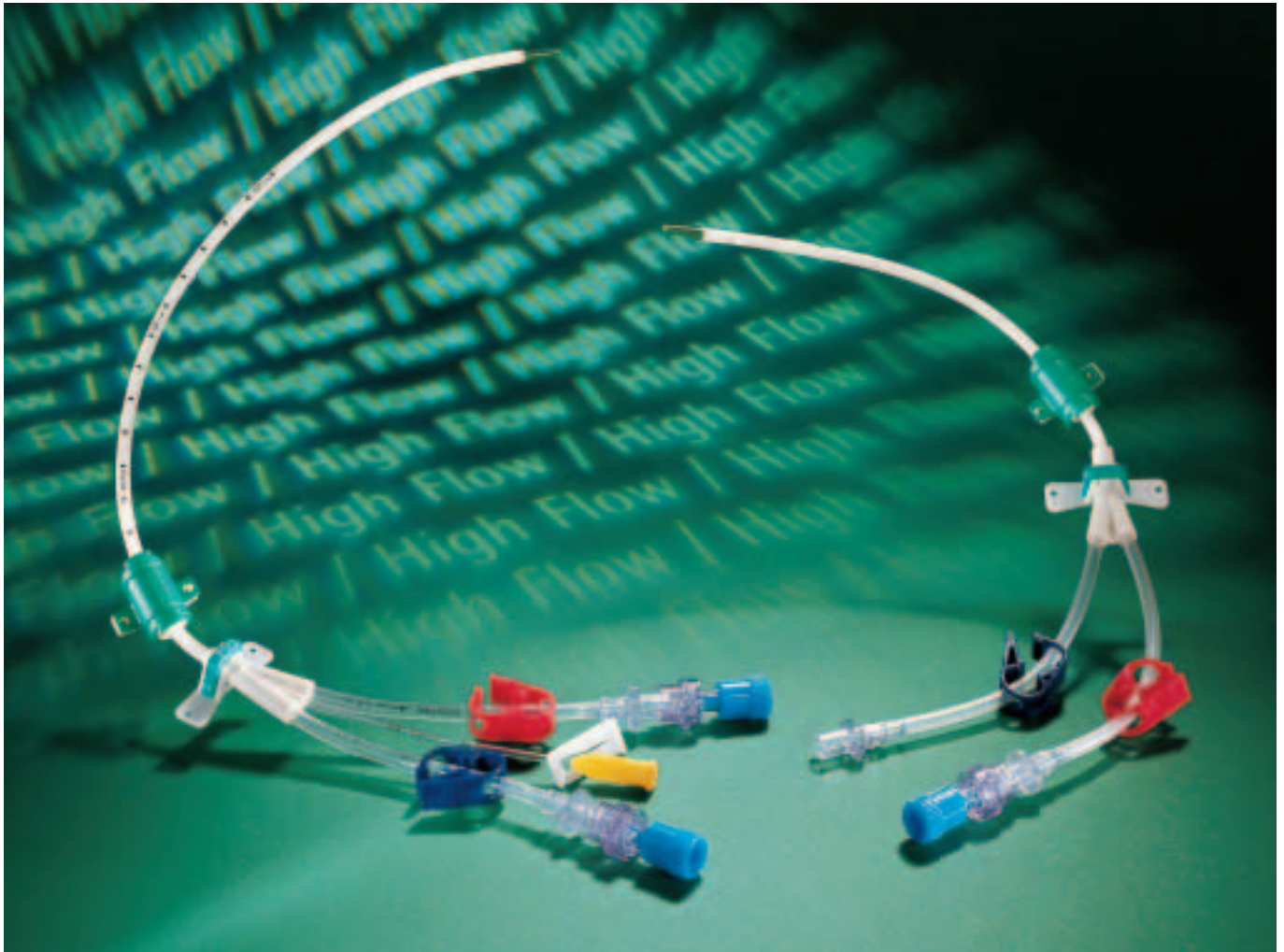


Certofix® HF

Multilumen catheters for high flow rates and acute dialysis



The Certofix® High Flow catheters may be used for a wide range of applications in volume-intensive infusion therapy. The two 12 F catheters allow for veno-venous acute dialysis.

Certofix® HF

Multilumen catheters for high flow rates and acute dialysis

Catheter with Soft-Tip

- Catheter made of Certon®, a special polyurethane designed for maximum flexibility in the blood stream

High flow rates

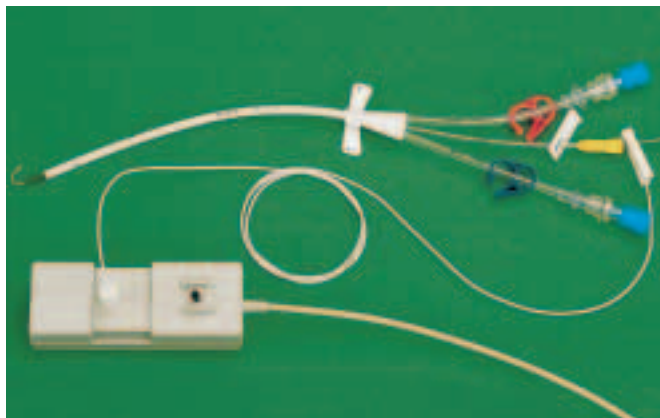
- The large-sized channels allow for high-volume fluid substitution in short periods as well as veno-venous acute dialysis

			Flow Rate	Priming Volume
			ml/min	ml
Catheter size 9 F				
Duo 15 cm	distal	13 G	111	1.1
	proximal	13 G	144	1.1
Duo 20 cm	distal	13 G	94	1.1
	proximal	13 G	121	1.1
Duo 30 cm	distal	13 G	70	1.2
	proximal	13 G	87	1.3
Catheter size 12 F				
Duo 15 cm	distal	11 G	266	1.3
	proximal	11 G	293	1.2
Duo 20 cm	distal	11 G	234	1.4
	proximal	11 G	261	1.4
Duo 25 cm	distal	11 G	217	1.5
	proximal	11 G	239	1.5

			Flow Rate	Priming Volume
			ml/min	ml
Catheter size 12 F				
Trio 15 cm	distal	16 G	64	0.4
	middle proximal	12 G	225	1.1
		12 G	235	1.1
	Trio 20 cm	distal	16 G	54
middle		12 G	191	1.3
proximal		12 G	202	1.2
Trio 25 cm	distal	16 G	49	0.5
	middle proximal	12 G	171	1.4
		12 G	174	1.3

Simultaneous positioning check during catheterization via the atrial ECG

- Enables immediate correction of catheter position in the case of incorrect positioning of the catheter
- Helps prevent subsequent complications, particularly the risk of pericardiac perforation and cardiac arrhythmias



Advantages

- No X-ray required, no radiation exposure during catheter placement
- No incidents with contrast medium
- Effortless identification of the P wave in the ECG and thus clear verification of position
- No subsequent recatheterization due to incorrect positioning
- Reduced staffing and organizational requirements
- Lower costs

Product Identification

Name	Code number	Catheter Ø mm / F / L. cm	Lumen Ø G	Guide wire mm-L. cm	Access site
Certofix® Trio HF SB 1215	416 0576	4 / 12 / 15	16 / 12 / 12	0.89-50	V.-jugularis
Certofix® Trio HF V 1215	416 0614	4 / 12 / 15	16 / 12 / 12	0.89-50	V.-jugularis
Certofix® Trio HF SB 1220	416 0584	4 / 12 / 20	16 / 12 / 12	0.89-50	V.-jugularis
Certofix® Trio HF V 1220	416 0622	4 / 12 / 20	16 / 12 / 12	0.89-50	V.-jugularis
Certofix® Trio HF SB 1225	416 0738	4 / 12 / 25	16 / 12 / 12	0.89-70	V.-subclavia
Certofix® Trio HF V 1225	416 0746	4 / 12 / 25	16 / 12 / 12	0.89-70	V.-subclavia
Certofix® Duo HF V 915	416 7503	3 / 9 / 15	13 / 13	0.89-50	V.-jugularis
Certofix® Duo HF V 920	416 7511	3 / 9 / 20	13 / 13	0.89-50	V.-jugularis
Certofix® Duo HF V 930	416 7520	3 / 9 / 30	13 / 13	0.89-70	V.-subclavia
Certofix® Duo HF V 1215	416 7538	4 / 12 / 15	11 / 11	0.89-50	V.-jugularis
Certofix® Duo HF V 1220	416 7546	4 / 12 / 20	11 / 11	0.89-50	V.-jugularis
Certofix® Duo HF V 1225	416 7554	4 / 12 / 25	11 / 11	0.89-70	V.-subclavia

V = valve needle; SB = Seldinger needle/Braunula

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