

Haemodialysis

FX paed

High-flux dialyser for paediatric treatments



Fresenius Medical Care

FX paed

Special high-flux dialyser for paediatric dialysis treatments

The FX paed dialyser is ideally suited for the special needs of paediatric patients.

- Reduction of the extracorporeal blood volume
 - low effective surface area of 0.2 m²
 - low blood filling volume of only 18 mL
- Suited particularly for low blood flow rates
 - optimal blood flow range 30–100 mL/min
 - for the treatment of patients with a body weight below 10 kg
- Low heparin requirements
 - laminar blood flow in capillaries through an increased inner fibre-diameter of 220 µm
- High safety through lateral blood-inlet port
 - eliminates kinking of blood lines
- Easy priming and handling
 - de-aeration without turning of the dialyser
 - low pre-rinsing volume
- Contains a high-flux Helixone[®] membrane
 - elimination of uraemic toxins over a wide molecular-weight range
 - high clearance of middle-molecules with low albumin losses
 - excellent biocompatibility
- INLINE steam sterilisation
 - dialysers free from residuals
 - no change in membrane characteristics



Specifications	Art. No. 500 822 1
Technical data	
K ₀ A Urea	170
UF-coefficient (mL/h × mmHg)	7
Blood filling volume (mL)	18
Blood flow range (mL)	30–100
Effective surface area (m ²)	0.2
Membrane material	Helixone [®]
Inner diameter/wall thickness (µm)	220/35
Housing material	Polypropylene
Potting compound	Polyurethane
Method of sterilisation	INLINE steam
Form of treatment	HD/HF/HDF
Clearance (mL/min)	
Urea	76
Creatinine	64
Phosphate	57
Vitamin B ₁₂	34
Inulin	20

In vitro performance data: Q_B = 100 mL/min, Q_D = 300 mL/min, Q_F = 0 mL/min, T = 37°C (EN1283)



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