

POLYFLUX 6H DIALYZER

INDICATED FOR LOW BODY WEIGHT PATIENTS

The **Polyflux** 6H dialyzer series enables high flux dialysis compatibility and performance to low body weight patients, typically children.^{1,2,3,4}

FOCUSED ON LOW BLOOD COMPARTMENT VOLUME

- The **Polyamix** membrane has been integrated into a more compact housing design, aiming at supporting effective high flux performance for this specific patient population^{2,3}
- Blood compartment volume of 52 mL⁴

WITH BIOCOMPATIBILITY IN MIND

The **Polyflux** 6H dialyzers are compatible with conventional high-flux hemodialysis.

- The **Polyflux** 6H dialyzers are steam sterilized inside-out to promote biocompatibility, avoiding exposure to chemicals such as ethylene oxide and manufacturing residues^{4,5}



POLYFLUX 6H DIALYZER SPECIFICATIONS

MATERIALS	POLYFLUX 6H
Membrane	Polyamix Polyarylethersulfone, Polyvinylpyrrolidone and Polyamide blend BPA-free
Potting	Polyurethane (PUR)
Housing	Polycarbonate (PC)
Protection caps	Polypropylene (PP)
Sterilization	Steam (inside-out)
Sterile barrier	Medical Grade Paper

SPECIFICATIONS	
UF-Coefficient (mL/(h*mmHg))*	33
Blood Compartment volume (mL)	52
Minimum recommended priming volume (mL)	1000
Maximum TMP (mmHg)	600
Recommended Q _B (mL/min)	HD/HDF: 50 - 300 mL/min; HF: 50 - 200 mL/min
Storage conditions	<30°C (or <86°F)
Units per box	16
Gross/net weight (g)	152/140

MEMBRANE	
Effective Membrane Area (m ²)	0.6
Fiber inner diameter (µm)	215
Fiber wall thickness (µm)	50

SIEVING COEFFICIENTS*	
Vitamin B12	1.0
Inulin	0.99
β ₂ -microglobulin	0.63
Albumin**	<0.01

ORDERING	
Product Code	103403
Pack Factor	16

* According to ISO 8637-1
 - UF-Coefficient: measured with bovine blood, Hct 32%, Pct 60g/L, 37°C
 - KoA for urea: calculated at Q_B = 200 mL/min and Q_D = 500 mL/min for P6H
 - Sieving coefficients: measured with bovine (or human**) plasma, Q_B=300 mL/min, UF=60 mL/min
 - Clearances In-Vitro: measured at UF=0 mL/min, ±10%

POLYFLUX 6H Dialyzer is intended for chronic and acute applications in hemodialysis, hemodiafiltration and hemofiltration on small patients including pediatric indications, considering blood flow, body weight and extracorporeal blood volume.

For single use only.

Rx Only. For the safe and proper use of the device mentioned herein, refer to the Instructions for Use. Baxter, Polyamix, and Polyflux are trademarks of Baxter International Inc. or its subsidiaries.

- Ronco C, et al. Evolution of synthetic membranes for blood purification: the case of the Polyflux family. *Nephrol Dial Transplant* 2003;18(Suppl 7):vii10-20.
- Goldstein SL, et al. Polyflux® 6H dialyzer: a new option for small children requiring dialysis. *Int J Artif Organs* 2007; 30:321-324.
- Cochat P, et al. Pediatric Dialysis. Chapter 19. Maintenance hemodialysis during infancy. 2012. Kluwer Academic Publishers, *Dordrecht*, pp 35-46.
- Polyflux 6H IFU, 2022.
- D'Ambrosio FP, et al. Ethylene oxide allergy in dialysis patients. *Nephrol Dial* 1997;12:1461-1463.

CLEARANCES IN VITRO (mL/min)* ±10%	POLYFLUX 6H
Hemodialysis (HD) clearance performance presented. For additional clearance information, please refer to the Instructions for Use.	
Urea (Q _B -Q _D , mL/min)	
50/500	50
100/500	97
150/500	136
200/500	167
Creatinine	
50/500	50
100/500	93
150/500	124
200/500	146
Phosphate	
50/500	49
100/500	89
150/500	116
200/500	136
Vitamin B12	
50/500	45
100/500	68
150/500	81
200/500	90