Polyflux® Revaclear

Single-Use High-Flux Dialyzer

The next generation of dialyzers from Gambro

The Polyflux Revaclear dialyzer is Gambro's latest innovation in high-flux dialyzers. With modified membrane characteristics and a new dialyzer design, the Polyflux Revaclear dialyzer maintains efficacy with significantly less membrane material.

Revolutionary efficiency

- Exceptional clearance of small and middle molecules with a significant reduction in surface area
- Increased $ß_2$-microglobulin clearance
- 25% reduction in blood compartment volume[1]
- 40% reduction in priming volume, approximately 300 ml of saline needed to prime[2]
- Reduced thrombogenic potential thanks to a smoother membrane surface[3]

Extraordinary convenience

- Easy to use according to healthcare providers
- Superior priming and rinse back process due to uniform flow distribution in both the blood and dialysate compartments[4]
- Improved packaging design for easy storage and handling

Highly sensible

- Steam sterilized to eliminate EtO reactions
- Smaller size means less biohazardous waste and less impact on the environment

[1]Manufacturers' technical specifications
[2]Priming performed according to Polyflux Revaclear *Instructions for Use*
[3]Shideman, J. Data on file, Gambro Inc., Lakewood, CO, USA.
[4]Gao, D. Data on file, Gambro Inc., Lakewood, CO, USA.

GAMBRO®

Polyflux® Revaclear

Clinical data

PERFORMANCE

Clearance in vitro (ml/min) +/-10%

Hemodialysis Q_D=500 ml/min, UF=0 ml/min	Polyflux Revaclear					Polyflux Revaclear MAX				
Q_B (ml/min)	200	300	400	500	600	200	300	400	500	600
Urea	196	271	321	353	-	198	282	339	376	400
Creatinine	189	250	289	316	-	195	265	311	341	362
Phosphate	185	239	274	298	-	191	256	297	324	343
Vitamin B_{12}	144	170	186	197	-	158	191	211	225	235

Hemodialysis Q_D=800 ml/min, UF=0 ml/min										
Q_B (ml/min)	200	300	400	500	600	200	300	400	500	600
Urea	199	286	355	408	-	200	293	371	432	479
Creatinine	194	269	324	364	-	197	281	345	393	430
Phosphate	191	259	307	343	-	196	273	330	373	406
Vitamin B_{12}	154	187	208	223	-	169	211	240	260	276

Application	Single-Use	Single-Use
Maximum TMP (mmHg)	600	600
Recommended blood flow rate (ml/min)	200-500	200-600
Maximum dialysate flow (ml/min)	800	800
Surface area (m^2)	1.4	1.8
UF Coefficient in vitro (ml/h.mmHg) ± 20% (Bovine blood, hematocrit=32%, protein=60 g/l, 37°C)	50	60
Priming volume (ml)	84	100
Residual blood volume (ml)	<1	<1
Sterilization agent	Steam	
Membrane material	PAES/PVP*	
Housing/header material	Polycarbonate (PC)	
O-Ring material	Silicone rubber	
Potting material	Polyurethane (PUR)	
Sterile barrier	Medical grade paper	

Fiber Dimensions

Wall Thickness Membrane (µm)	35
Inner Diameter Hollow Fiber (µm)	190

Sieving Coefficient in vitro
Typical values measured with Polyflux Revaclear according EN1283

Vitamin B_{12}	1.0
Inulin	1.0
$ß_2$-microglobulin	0.7
Albumin	<0.01

*Polyarylethersulfone, Polyvinylpyrrolidone

For Customer Support call 800-525-2623

14143 Denver West Parkway
Lakewood, CO 80401
800-525-2623

Visit us at www.gambro.com

Ordering Information

	Catalog #	Description	Unit of Sale
Revaclear	110633	High-Flux Dialyzer	24/case
Revaclear MAX	110634	High-Flux Dialyzer	24/case

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician. Read *Instructions For Use* prior to patient application.

GAMBRO