

Gambro revaclear

A SIMPLE CHOICE FOR YOUR PATIENTS*

The Gambro REVACLEAR high flux dialyzer has been designed with the PORACTON membrane for exceptional performance. The precise and carefully engineered membrane aids retention of essential proteins, delivers high performance and effective treatments, and may enhance biocompatibility.^{1,2}

EXCEPTIONAL PERFORMANCE³

- Removal of small and middle molecules in high flux hemodialysis shown statistically equivalent to a 22% larger surface area dialyzer^{1,3,4}
- Designed to improve biocompatibility for your patients^{1,2}

EFFICIENT AND CONVENIENT

- Drive efficiencies with two size options to meet your patients' clearance needs⁵
- Removable patient label to help streamline documentation
- Low priming and rinse-back volumes support to minimize sodium loading by dialysis^{6,7,8,**}

COMPACT AND COST EFFICIENT

- Effective packaging can simplify storage and handling
- Reduced saline and concentrate requirements could provide cost savings to your clinic^{6,7}
- Designed to minimize biohazardous waste and environmental burden⁹



TYPICAL PATIENT PROFILE:
GENERAL HEMODIALYSIS (HD) PATIENT POPULATION

* Based on modeling data from the Gambro dose calculator tool EUMP/MG135/15-0001

** Compared to a larger dialyzer

Gambro REVACLEAR Dialyzer

CLEARANCE IN VITRO (ml/min) ± 10%

Q _B (ml/min)	REVACLEAR				REVACLEAR MAX					
	200	300	400	500	200	300	400	500	600	
Hemodialysis Q _D =500 ml/min, UF=0 ml/min, Q _B (ml/min)										
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)										
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	

SPECIFICATIONS

UF-coefficient in vitro (ml/h-mmHg)	50	60
Blood flow rate (ml/min)	200-500	200-600
Maximum dialysate flow (ml/min)	800	800

Membrane

Surface area (m ²)	1.4	1.8
Blood compartment volume (ml)	84	100
Residual blood volume (ml)	<1	
Recommended priming volume for rinsing (ml)	Approx. 300	
Maximum TMP (mmHg)	600	

Sieving coefficient

Vitamin B ₁₂	1.0
Inulin	1.0
β ₂ -microglobulin	0.7
Albumin	<0.01

Material

Membrane material	PORACTON (PAES / PVP) (BPA-free)
Housing material	Polycarbonate (PC)
Potting	Polyurethane (PUR)
O-ring	Silicone rubber
Sterilization agent	Steam

1. Data on file. May 2013. Nilsson LG, Beck W and Bosch J. REVACLEAR White Paper. (USMP/MG3/140052).
2. Data on file. 2012. Biological and Chemical Evaluation Report in Accordance to GWIN 11-09.
3. Mauric A, et al. Poster presented at 50th ERA-EDTA congress. Istanbul (Turkey). 2013. [Poster SP401].
4. Bhimani JP, et al. Nephrol Dial Transplant 2010; 25:3990-3995.
5. Data on file. 2015. Calculations performed using the Gambro dose calculator tool. EUMP/MG135/15-0001.
6. Ronco C, et al. Nephrol Dial Transplant 2003; 18(Suppl 7):vii10-vii20.
7. REVACLEAR dialyzer priming guide 2009; 306150152_C).
8. Thijssen S, et al. Contrib Nephrol 2011; 171:84-91.
9. Data on file. 2015. Biohazardous waste cost calculation.

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