



REVACLEAR Dialyzer Technology

Align your expectation with experience

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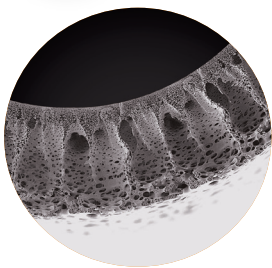


REVACLEAR

REVACLEAR MAX

REVACLEAR 300

REVACLEAR 400



Three-Layer Membrane¹

- Designed to remove critical uremic toxins such as urea while retaining important proteins like albumin and other similarly-sized molecules.
- In addition to the small molecular weight molecules, the REVACLEAR Dialyzer's membrane removes a large fraction of middle molecules similarly sized to Beta-2 Microglobulin (SC = 0.7, 70%).



Sterilization and Priming¹

- REVACLEAR Dialyzer uses steam sterilization; it is never sterilized by E-beam or EtO.
- At a minimum, 300 mL of saline would be required for priming.



Sales Success

- With more than 50 million sold in the U.S., the REVACLEAR Dialyzer has been one of Baxter's most successful dialyzers to date.²



REVACLEAR Dialyzer Family Clinical Data

Clearance *in vitro* (mL/min) +/-10%

	REVACLEAR	REVACLEAR 300	REVACLEAR MAX	REVACLEAR 400
Product Code:	110633	114745/114745L	110634	114746

Hemodialysis

Q_b =500 mL/min, UF=0 mL/min

Q _b (mL/min)	200	300	400	500	200	300	400	500	200	300	400	500	600	200	300	400	500	600
Urea	196	271	321	353	196	272	323	356	198	282	339	376	400	198	281	338	375	401
Creatinine	189	250	289	316	191	256	298	326	195	265	311	341	362	195	267	315	348	370
Phosphate	185	239	274	298	185	242	278	303	191	256	297	324	343	191	255	297	326	346
Vitamin B ₁₂	144	170	186	197	146	174	191	204	158	191	211	225	235	158	191	213	228	240

Hemodialysis

Q_b =800 mL/min, UF=0 mL/min

Q _b (mL/min)	200	300	400	500	200	300	400	500	200	300	400	500	600	200	300	400	500	600
Urea	199	286	355	408	199	286	355	408	200	293	371	432	479	199	292	369	430	477
Creatinine	194	269	324	364	195	273	330	373	197	281	345	393	430	198	283	348	398	437
Phosphate	191	259	307	343	191	260	309	345	196	273	330	373	406	195	272	330	373	406
Vitamin B ₁₂	154	187	208	223	155	189	212	228	169	211	240	260	276	167	208	236	256	272

Specifications

Blood flow rate (mL/min)	200-500	200-500	200-600	200-600
Dialysate flow (mL/min)	800	300-800	800	300-800

Membrane

Material	PAES/PVP	PAES/PVP	PAES/PVP	PAES/PVP
Surface area (m ²)	1.4	1.4	1.8	1.8
KoA for Urea QB=300ml/min, QD=500ml/min, UF=0ml/min	1170	1186	1480	1439
UF Coefficient in vitro (mL/h.mmHg) (Bovine blood, hematocrit=32%, protein=60 g/l, 37°C)	50	48	60	54
Priming volume (mL)	84	74	100	93
Residual blood volume (mL)	<1	<1	<1	<1

Fiber Dimensions

Wall Thickness Membrane (µm)	35
Inner Diameter Hollow Fiber (µm)	190
Maximum TMP (mmHg)	600
Sterilization agent	Steam

Sieving Coefficient *in vitro*. Typical values measured with REVACLEAR Dialyzer according to EN1283

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

Contact your local Baxter sales representative to learn more about the product.
For Customer Support call 800-525-2623.

The REVACLEAR Dialyzer is indicated for treatment of chronic and acute renal failure by hemodialysis.

For single use only.

Rx Only. For safe and proper use of these devices refer to the device *Instructions for Use*.

References

1. Revaclear, Revaclear MAX and Revaclear 300 and 400 Instructions for Use.
2. Data on file, Gambro Business control reporting as of December 31, 2013.

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