B|BRAUN
SHARING EXPERTISE

INSPIRED BY LIFE

B. Braun Dialyzers

Diacap® Pro Dialyzer - THE TRUSTED PERFORMER

Easy Handling

- Low priming volume
- Efficient air elimination during preparation
- Easy-to-open packaging and easy to remove and tighten protection caps help staff to efficiently prepare and perform treatment
- Removable second label for documentation

Efficient Performance

- High permeability of a-Polysulfone Pro membrane enables HD targets to be efficiently achieved during treatment
- High fiber package density for consistent dialysate flow distribution and less trapped air
- High micro-undulation for homogeneous streaming behavior and less membrane clustering
- Wall thickness designed for better diffusive behavior

Technical and In-vitro Performance Data

		Pro 13H			Pro 16H			Pro 19H		
Blood flow (Q_B) mL/min		**200**	**300**	**400**	**200**	**300**	**400**	**200**	**300**	**400**
Clearance Dialysate flow = 500mL/min Ultrafiltration flow (Q_F)=0mL/min	Urea	194	263	303	196	270	322	197	280	332
	Creatinine	185	236	269	189	248	284	194	260	305
	Phosphate	178	220	249	184	230	261	186	242	278
	Vitamin B_{12}	133	151	167	143	166	183	150	180	202
	Inulin	86	92	101	96	106	116	102	117	128
	Cytochrome C	65	73	75	72	81	86	80	90	95
SC, (Sieving Coefficient) Q_B = 300mL/min Q_F = 60mL/min	Inulin					1.0				
	β_2-Microglobulin					0.7				
	Albumin					< 0.001				
Ultrafiltration coefficient mL/h/mmHg Q_B = 300mL/min			70			85			97	
KoA Urea (Q_B = 300mL/min)			1010			1145			1415	
Volume of blood compartment (mL)			82			100			120	
Membrane material						α Polysulfone Pro				
Surface Area (m^2)			1.3			1.6			1.9	
Sterilization						Oxygen-free Gamma				
Recommended blood flow rate (mL/min)			200-500			200-500			200-500	
Max. dialysate flow (mL/min)			800			800			800	
Pressure drop blood (Q_B = 300mL/min) mmHg			101			82			72	
Article No.			720DH13			720DH16			720DH19	

Measuring conditions and physical data according to ISO 8637. Ultrafiltration coefficient according to ISO 8637: bovine blood, Hct. 32%, protein 60 g/l, T=37 °C,

For more information: bbraunusa.com/diacappro

xevonta® Dialyzer - THE SCIENCE-BASED EXPERT

xevonta is the state-of-the-art dialyzer that pushes the limits for the most challenging dialysis tasks. The unique amembris membrane is designed to accomplish dialysis therapy targets for non-adhering patients.

- Sufficient elimination of uremic toxins (such as urea and phosphate)
- The high permeability enables a high removal of middle molecules
- Despite high permeability and toxin removal, albumin loss is minimal[2]
- Maximized numbers of pores with precisely defined pore size for a distinctive sieving profile
- X-design provides the consistent homogeneous distribution of dialysis fluid in the dialyzer

Technical and In-vitro Performance Data

		Hi 18				Hi 20				Hi 23			
Dialysate flow (Q_D) mL/min Blood flow (Q_B) mL/min		**500 200**	**500 300**	**500 400**	**800 500**	**500 200**	**500 300**	**500 400**	**800 500**	**500 200**	**500 300**	**500 400**	**800 500**
Clearance Ultrafiltration flow (Q_F)=0mL/min	Urea	198	281	341	414	199	287	349	427	199	290	354	439
	Creatinine	194	263	304	372	196	271	316	390	197	276	324	403
	Phosphate	194	263	297		196	271	309		198	277	320	
	Vitamin B_{12}	155	184	210	239	161	195	220	259	166	204	227	272
SC, (Sieving Coefficient) Q_B = 300 mL/min Q_F = 60mL/min	β_2-Microglobulin					> 0.8							
	Albumin					< 0.001							
Ultrafiltration coefficient mL/h/mmHg Q_B = 300mL/min		99				111				124			
KoA Urea (Q_B = 300mL/min, Q_D = 500mL/min)		1450				1714				1900			
Volume of blood compartment (mL)		110				125				141			
Membrane material		amembris polysulfone											
Surface area (M^2)		1.8				2.0				2.3			
Sterilization		Oxygen-free gamma											
Wall thickness/inner diameter (µm)		35/195											
Units per box		20											
Article No.		7204403				7204404				7204405			

Technical and In-vitro Performance Data is contained in product instructions for use.

For more information: bbraunusa.com/xevonta

Diacap® Pro and xevonta® Dialyzers

What is the Difference?

Diacap Pro Dialyzer		xevonta Dialyzer
α Polysulfone Pro	Type/Name	Amembris Polysulfone
200 µm	Inner Diameter	195 µm
37 µm	Wall Thickness	35 µm
~ 40,000 kDa	Cut Off	~ 50,000 kDa
70-97	Permeability K_{UF} mmHg	99-124
1.3/1.6/1.9	Surface Area	1.8/2.0/2.3
High Flux	Flux	High Flux
Maximum 300mL	Priming	300-450mL
Designed to achieve HD targets with a smaller surface area	Strength	Designed for patients with difficulty in achieving HD targets

Data On File

A better dialysis experience doesn't just come from a box. It's built from better products, better partnerships, and better support.

For more information contact B. Braun Medical Inc. at **1-800-848-2066**

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www.bbraunusa.com/xevonta

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