

>> High Flux Series

Hollow Fiber Dialyzer



Corporate Headquarters

SHANDONG WEIGAO BLOOD PURIFICATION PRODUCTS CO., LTD.

Tel: +86 631 5660598 Fax: +86 631 5660598

International Business Headquarters

WEGO HEALTHCARE (SHENZHEN) CO., LTD.

19F, Building 3, Sunmax Technology Plaza, No.8 Keyuan
Road, Nanshan District, Shenzhen, China

Tel: +86 755 33892500 Fax: +86 755 33892508

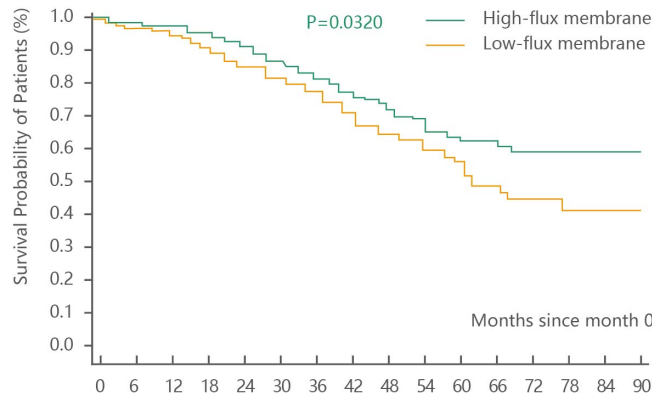
E-mail: info@wego-healthcare.com

www.wego-healthcare.com/en

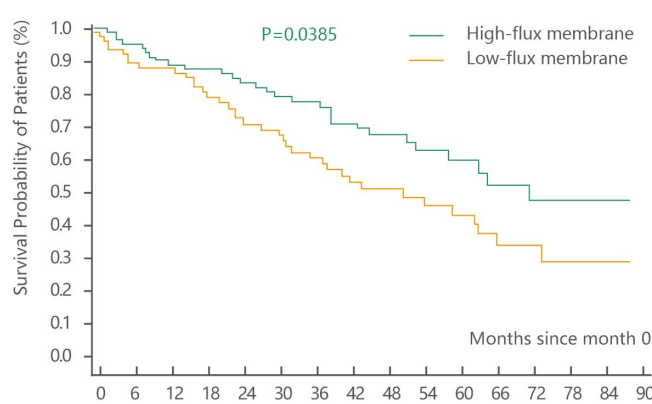
Product Feature

1 High-Flux dialysis membranes improve the patients' survival probability

- European multi-center MPO study shows that high-flux dialysis membranes can significantly improve patients' survival probability with a serum albumin levels $\leq 4\text{g/dL}$.

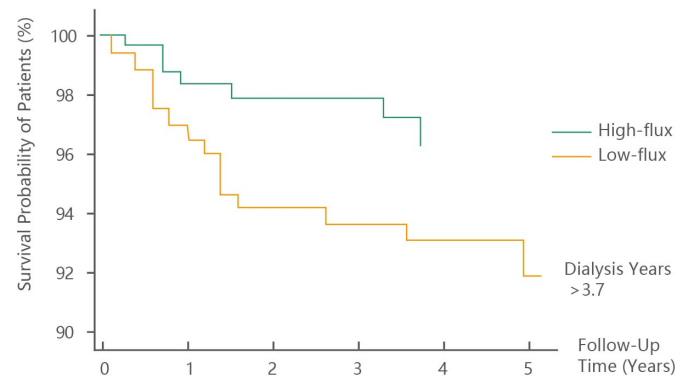


- High-Flux dialysis membranes improve the patients' survival probability with diabetic nephropathy.



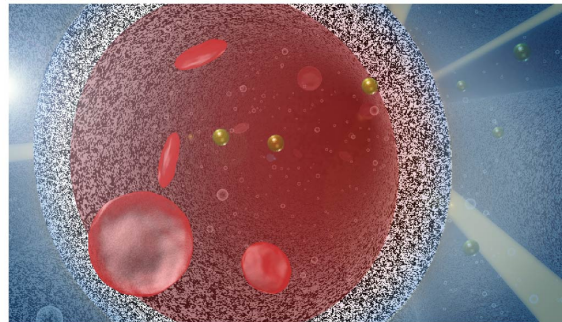
2 High-Flux dialysis membranes improve the patients' prognosis

The results of famous HEMO study reveals that the all-cause mortality risk of high-flux dialysis membranes for the patients with dialysis duration over 3.7 years is 0.68, which has decreased to 32%.



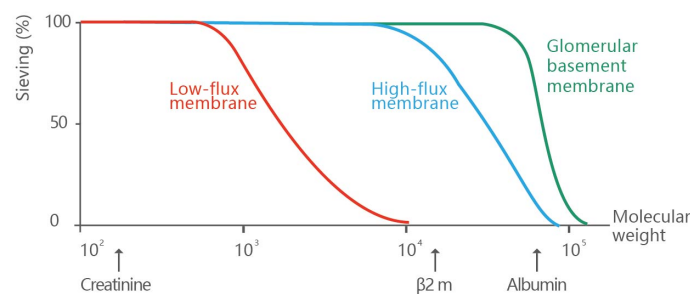
3 High efficiency in removal of critical uremic toxins

High clearance of the middle molecular for better patient treatment outcomes.



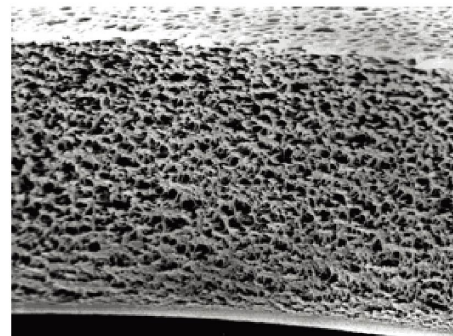
4 Reasonable Sieving coefficient distribution

Excellent fiber control technology, the product screening coefficient curve close to the filtration level of glomerular basement membrane.



5 Better removal of endotoxins

The material of polysulfone fiber allows better removal of endotoxins.



Technical Specification

Test conditions:
Clearance in vitro: QD=500mL/min; QF=0mL/min; T=37°C
UF coefficient: Bovine plasma, QB=300mL/min; protein content: 60±5g/L; TMP=100mmHg
KoA (QB=300mL/min)
Note: Products of this series have high performance of ultrafiltration and permeability.
Please use only with dialysis equipment with ultrafiltration control function.

IN VITRO PERFORMANCE	HF10	HF12	HF14	HF15	HF18	HF19	HF20	HF21	HF22	HF23
Ultrafiltration coefficient (mL/h ▪ mmHg)	34	42	49	52	63	67	69	73	78	84
Clearance (Q _B =200ml/min)										
Urea	189	191	193	194	197	198	199	200	200	200
Creatinine	183	184	186	188	194	195	196	198	198	198
Phosphate	181	183	188	189	192	192	193	193	197	198
Vitamin B ₁₂	113	123	133	137	151	156	161	167	172	178
Clearance (QB=300ml/min)										
Urea	255	266	277	278	284	286	287	288	289	291
Creatinine	225	235	248	255	270	272	275	278	280	281
Phosphate	202	218	235	244	266	270	273	275	276	278
Vitamin B ₁₂	121	134	147	154	173	180	189	198	206	209
Clearance (QB=400ml/min)										
Urea	267	286	304	313	341	349	352	355	360	365
Creatinine	243	255	272	281	308	316	321	325	330	334
Phosphate	228	247	266	275	302	306	310	315	316	322
Vitamin B ₁₂	132	145	158	165	184	191	202	211	220	228
Sieving coefficient										
β2-MG	0.8							0.85		
Myohemoglobin	0.35									
Inluin	0.95									
Albumin	≤0.003									
KoA urea (mL/min)	888	1064	1321	1351	1569	1662	1714	1770	1832	1976
Surface (m²)	1.0	1.2	1.4	1.5	1.8	1.9	2.0	2.1	2.2	2.3
Priming volume (mL) bloodside	55	63	74	75	92	95	113	116	119	121
Wall thickness/ Internal diameter (µm)	40/200									
Membrane material	Polysulfone									
Sterilization	Radiation									
Units per box	24pcs/carton									

High-Flux Dialysis Structure

