

>> Low Flux Series

Hollow Fiber Dialyzer



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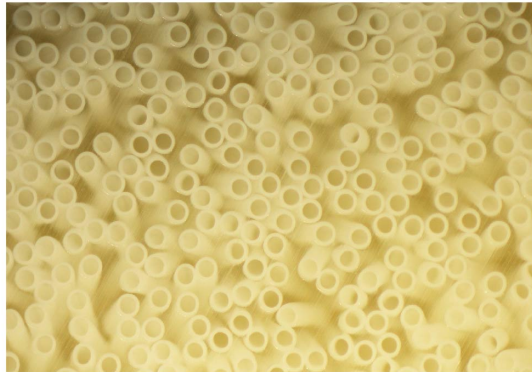


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China's Largest
Independent Manufacturer
of Spinning Dialyzer
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Product Feature

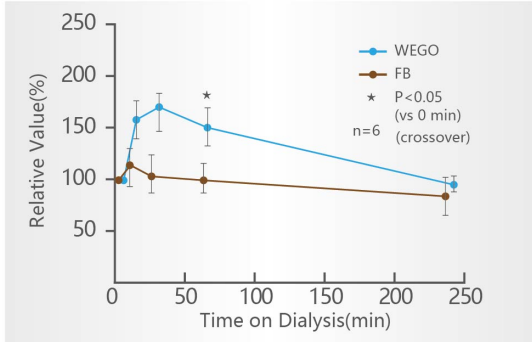
1 Smooth cutting end

Can maximally reduce the adhesions and injuries of blood cells.



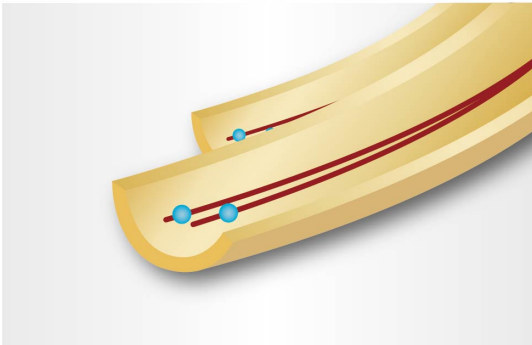
2 Polysulfone (PSU) membrane fiber

Polysulfone (PSU) membrane fiber, an international mainstream material, retains the endotoxin and decreases the patients' micro-inflammatory reactions to ensure better biocompatibility.



3 Microwave fiber design

Unique ripple structure inside dialyzer creates less dialysis channeling for more homogeneous flow and better diffusive transport and enhanced small molecule clearances.



Technical Specification

In Vitro Performance		F12	F13	F14	F16
Q _B =200mL/min	Ultrafiltration coefficient(mL/h • mmHg)	16	17	18	20
	Urea(mL/min)	180	185	190	195
	Creatinine(mL/min)	167	171	174	179
	Phosphate(mL/min)	147	152	156	162
	Vitamin B12(mL/min)	97	101	105	113
Q _B =300mL/min	Urea(mL/min)	230	238	245	256
	Creatinine(mL/min)	213	219	224	232
	Phosphate(mL/min)	175	183	190	201
	Vitamin B12(mL/min)	102	107	112	120
Q _B =400mL/min	Urea(mL/min)	257	267	276	291
	Creatinine(mL/min)	231	239	246	258
	Phosphate(mL/min)	195	205	213	225
	Vitamin B12(mL/min)	108	114	119	129
KoA urea(mL/min)		629	698	767	902
Effective surface Area(m ²)		1.2	1.3	1.4	1.6
Blood chamber volume(mL)		70	73	75	80

Test Conditions

Clearances: Q_D=500mL/min; Q_F=0mL/min
KoA: Q_B=300mL/min, Q_D=500mL/min
Ultrafiltration coefficient: bovine blood, protein content: 60±5g/L, TMP: 100mmHg

Wall thickness/Internal diameter	40μm/ 200μm	Membrane material	Polysulfone
Max. TMP	500mmHg	Housing	Polycarbonate
Sterilization method	Radiation Sterilization	Potting compound	Polyurethane
Package	24 pcs /carton	Sealing ring	Medical silicon rubber

Note: Products of this series have high performance of ultrafiltration and permeability. Please use only with dialysis equipment with ultrafiltration control function.