

>> Low Flux High Performance Series

Hollow Fiber Dialyzer



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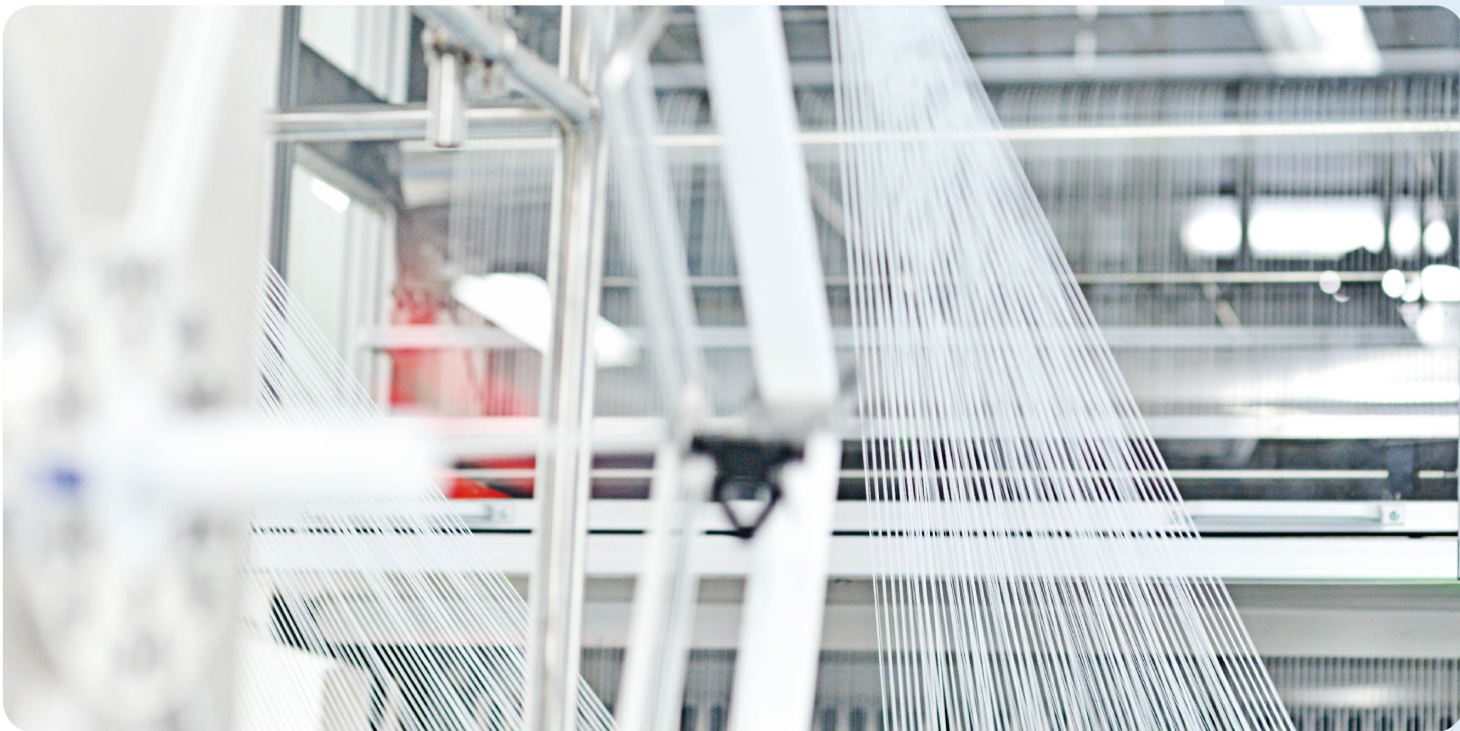
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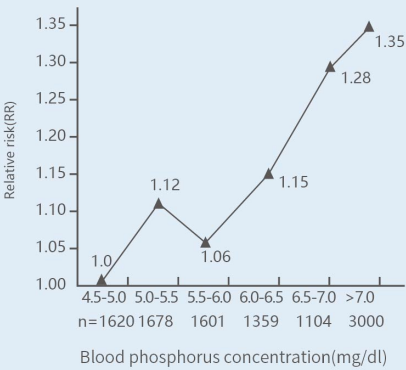
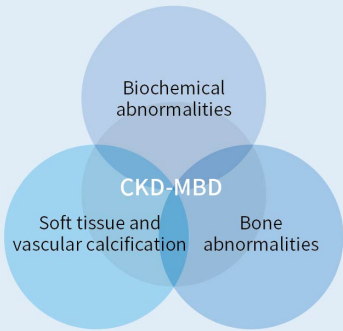
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CKD-MBD has become the key subject in the global kidney disease area.

The global CKD morbidity rate is keep rising. We start to realize that the CKD-MBD has influenced the CKD and the dialysis patient outcomes. Therefore, the CKD-MBD has become the key subject globally. KDIGO and K/DOQI have published the guide for CKD-MBD.

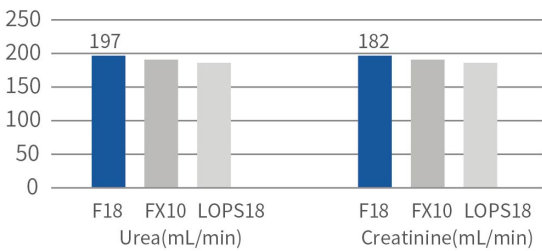


Hyperphosphatemia is an independent cause of death for patients with CKD

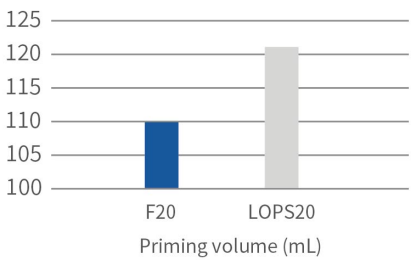
The study of international multi-center DOPPS shows that the patients’ risk of death is increasing with the increase of blood calcium and blood phosphorus concentration.

Product Feature

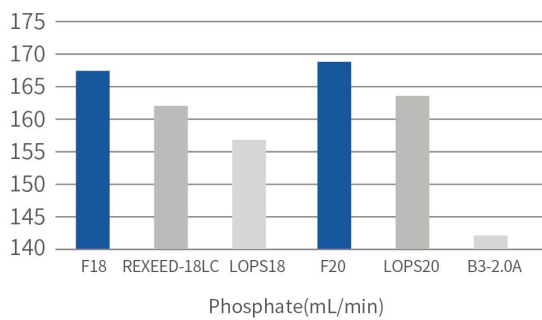
- 1 Better removal of micromolecular toxin
Better removal of micro molecular toxins improves the patients’ quality of life and prognosis.



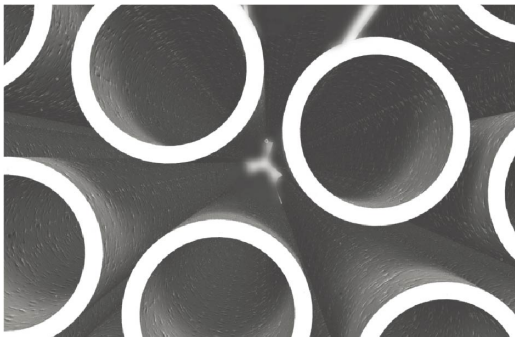
- 2 Smaller priming volume
Use one bag of saline per treatment potentially to save cost for dialysis treatment.



- 3 Obvious phosphate clearance effects
Reduce patients’ blood phosphorus level and decrease the incidence rate of patients’ complications.



- 4 Excellent biocompatibility
Polysulfone membrane fiber exhibited excellent biocompatibility with high endotoxin retention capability.



Technical Specification

	In Vitro Performance	F15	F18	F20
	Ultrafiltration coefficient(mL/h • mmHg)	19	23	25
Q _B =200mL/min	Urea(mL/min)	193	197	199
	Creatinine(mL/min)	177	182	184
	Phosphate(mL/min)	159	167	169
	Vitamin B12(mL/min)	109	121	128
Q _B =300mL/min	Urea(mL/min)	251	263	269
	Creatinine(mL/min)	228	238	242
	Phosphate(mL/min)	196	208	214
	Vitamin B12(mL/min)	116	128	136
Q _B =400mL/min	Urea(mL/min)	284	302	310
	Creatinine(mL/min)	252	267	273
	Phosphate(mL/min)	219	235	243
	Vitamin B12(mL/min)	124	138	146
	KoA urea(mL/min)	836	1010	1123
	Effective surface area(m²)	1.5	1.8	2.0
	Blood chamber volume(mL)	78	100	110

Test Conditions

Clearances: Q_B=500mL/min, Q_F=0mL/min, KoA: Q_B=300mL/min, Q_B=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.