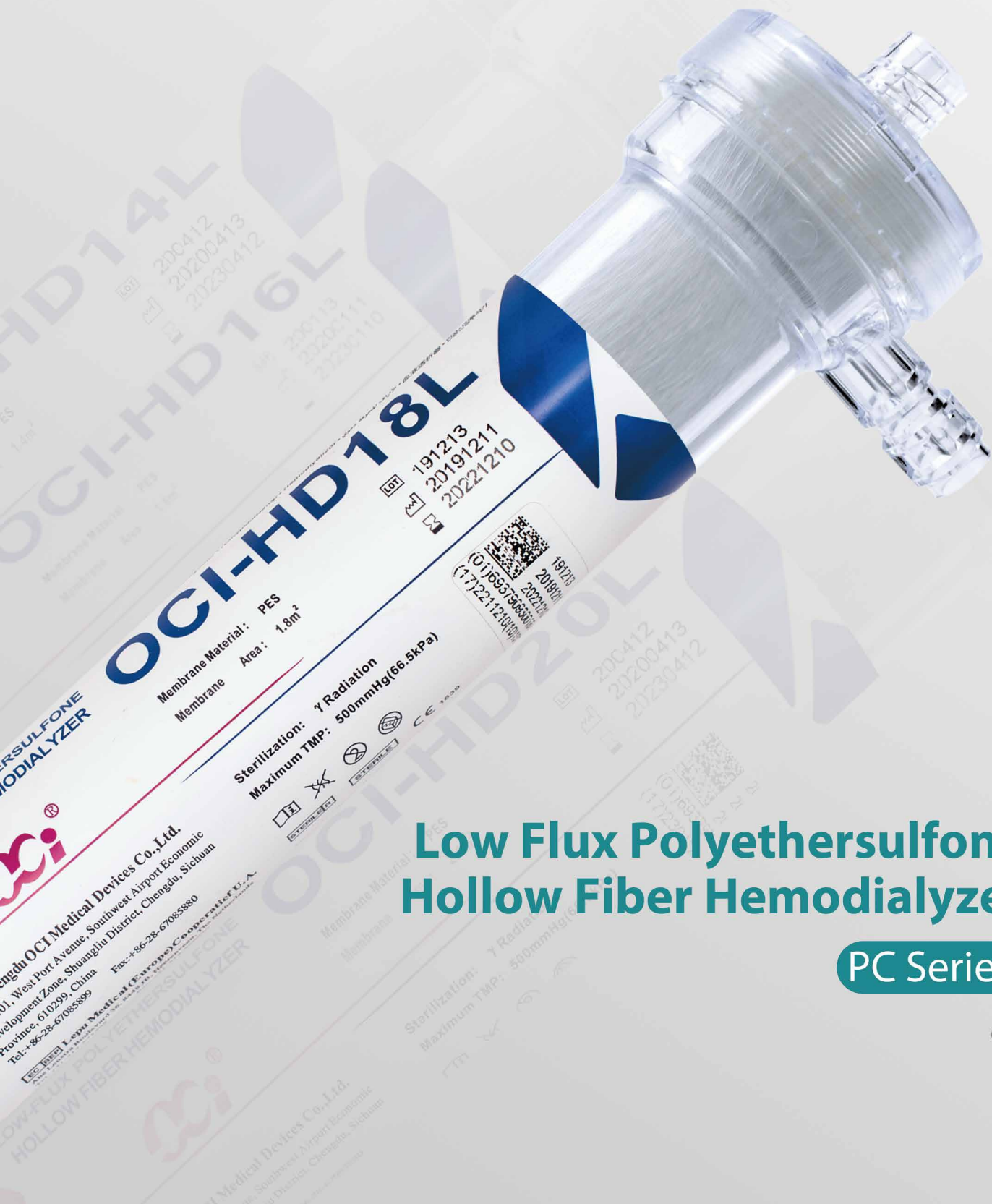


LEPU MEDICAL



Devoting to Dialysis Health Care
Saving and Sustaining Lives



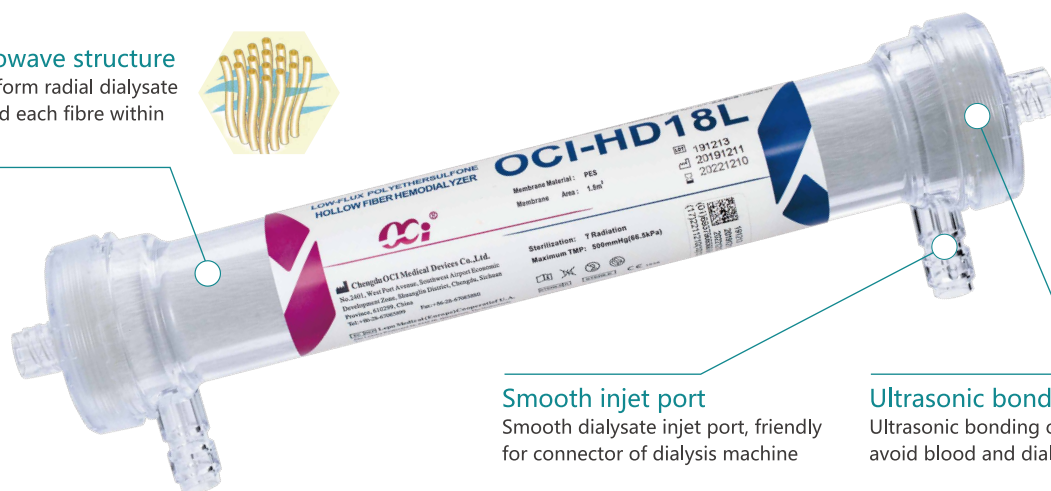
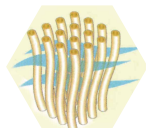
Low Flux Polyethersulfone Hollow Fiber Hemodialyzer

PC Series

CE
1639

3D microwave structure

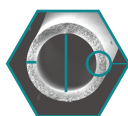
Ensure uniform radial dialysate flow around each fibre within the bundle

**Smooth inlet port**

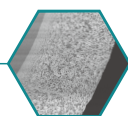
Smooth dialysate inlet port, friendly for connector of dialysis machine

Ultrasonic bonding

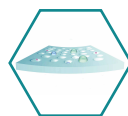
Ultrasonic bonding of the cap, avoid blood and dialysate leakage



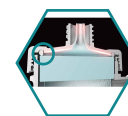
Designed fibre thickness & diameter



Smooth inner surface



Specific pore diameter



D-shape ring



Transparent cap

**Model**

Membrane material	Polyethersulfone (PES)
Housing material	Polycarbonate (PC)
Potting compound	Polyurethane (PU)
Maximum TMP (kPa/mmHg)	66.5/500

- Good biocompatibility
- Greater endotoxin adsorption capacity
- Better small molecule scavenging effect

Model		OCI-HD14L			OCI-HD16L			OCI-HD18L			OCI-HD20L		
Ultrafiltration coefficient (mL/h-mmHg)		11			16			17			18		
Surface Area (m²)		1.4			1.6			1.8			2.0		
Chamber volume		90			105			118			130		
Clearances (mL/min)	Test conditions	Q _D = 500 (ml/min)											
	Q _B (ml/min)	200	300	400	200	300	400	200	300	400	200	300	400
	Urea	180	216	252	183	220	256	188	226	263	192	230	268
	Creatinine	170	204	221	175	210	227	180	216	234	183	219	237
	Phosphate	160	176	208	163	195	253	167	200	217	172	190	223
	Vitamin B ₁₂	80	88	94	91	100	105	102	112	122	113	124	129
Chamber Pressure (kPa)		≤8.5	≤11.5	≤15.5	≤8.5	≤11.5	≤15.5	≤8.5	≤11.5	≤15.5	≤8.5	≤11.5	≤15.5
Blood flow range (mL/min)		200-400											
Dialysate flow range (mL/min)		500-800											
Disinfection Method		Irradiation sterilization, Valid for three years											

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