

LEPU MEDICAL



Devoting to Dialysis Health Care  
Saving and Sustaining Lives



**OCI-HD16M**  
Membrane Material: PES  
Membrane Area: 1.6m<sup>2</sup>  
Sterilization:  $\gamma$  Radiation  
Maximum TMP: 500mmHg(66.5kPa)

# High Flux Hollow Fiber Hemodialyzer

HD Series

CFDA CE  
1639

## Model

Membrane material	Polyethersulfone (PES)
Housing material	Polypropylene (PP)
Potting compound	Polyurethane (PU)
Maximum TMP (kPa/mmHg)	66.5/500
Valid period	three years
Sterilization method	Gamma sterilization

- Brilliant Biocompatibility
- Higher performance of toxins remove
- Better removal rate of large molecules
- Accurate molecular screening curve
- Lower albumin loss
- Higher  $\beta_2$ -microglobulin clearance rate

Model	OCI-H D13M	OCI-H D15M	OCI-H D16M	OCI-H D17M	OCI-H D18M	OCI-H D19M	OCI-H D20M	OCI-H D21M	OCI-H D23M	OCI-H D25M
Ultrafiltration coefficient (mL/h-mmHg)	39	48	57	60	63	64	67	69	73	77
Surface Area (m <sup>2</sup> )	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.5
Chamber volume	84	90	95	101	106	112	120	126	136	146

Clearances (mL/min) Test conditions: T=37°C, QF=10mL/min, In vitro simulation experiment

Solute	Clearances (mL/min)		Test conditions: T=37°C, QF=10mL/min, In vitro simulation experiment									
	Q <sub>B</sub>	Q <sub>D</sub>	(ml/min)									
Urea	200	500	180	184	186	188	190	192	195	196	200	205
			259	264	267	270	274	277	280	283	289	295
			292	305	312	318	325	332	340	348	358	364
	300	800	182	187	190	192	194	196	198	200	202	208
			265	271	274	277	280	283	286	289	295	297
			295	315	325	332	338	344	350	356	366	374
Creatinine	200	500	164	168	170	173	175	178	180	182	186	190
			239	243	245	248	250	252	255	258	264	270
			259	265	268	271	274	277	280	283	289	295
	300	800	165	171	174	177	180	183	186	189	195	201
			244	248	250	253	256	258	260	262	266	270
			260	270	275	273	280	283	286	289	295	301
Phosphate	200	500	164	172	176	179	182	185	188	191	197	203
			244	248	250	253	256	259	262	265	271	277
			284	290	293	296	298	300	304	308	316	324
	300	800	168	176	180	183	186	189	192	195	201	207
			247	253	256	259	262	265	268	271	277	283
			294	298	300	303	305	307	310	313	319	325
Vitamin B <sub>12</sub>	200	500	129	135	138	140	142	144	147	150	156	162
			159	165	168	171	173	175	178	181	187	193
			168	176	180	185	188	192	196	200	208	216
	300	800	133	139	142	145	147	149	152	155	161	167
			165	171	174	177	180	182	186	190	198	206
			170	182	188	192	196	200	204	208	216	224
$\beta_2$ -MG	200	500	52	60	64	67	70	73	76	78	82	86