


DIA LX/HX DIALYZERS

Dialife
SWISS QUALITY DIALYSIS 



**SUPERIOR PERFORMANCE MEETS
UNMATCHED SAFETY**

BPA-FREE

 MANUFACTURED BY:
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UNI CEI EN ISO 13485:2016



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DIALYZERS DIA LX/HX

Strong Innovation in Product Design

- Perfected fiber characteristics including better geometry, distribution and more uniform pore sizes.
- Optimized fiber packing density.
- Re-designed headers and housing, composed of polypropylene material.
- Improved polyurethane potting surface.
- Guaranteed BPA-free dialyzers, removing the risk of endocrine disruption associated to Bisphenol A.

Tangible Technical Advantages

- Maximized fiber capillary usage.
- Increased mechanical fiber strength.
- Enhanced blood and dialysate flows.

Value-Added Features

- Comprehensive range of surface areas.
- Removable patient label to facilitate treatment documentation.
- Convenient packaging.
- Lower weight, reducing waste and logistic costs, while having a greener environmental impact.



Superior Results for HD Patients

- Outstanding clearance of uremic toxins and low molecular weight proteins.
- Excellent middle molecule removal.
- Preserved essential proteins like albumin.
- Superior biocompatibility.
- Lower risk of thrombogenicity.
- Ease and versatility of treatment options.
- Safer dialyzers, offering highly reliable, patient-oriented dialysis therapies.



DIALYZERS DIA LX/HX

Technical Data

Dialyzer Model	DIA 14LX	DIA 16LX	DIA 18LX	DIA 20LX	DIA 22LX	DIA 14HX	DIA 16HX	DIA 18HX	DIA 20HX	DIA 22HX
Surface Area (sqm)	1.4	1.6	1.8	2.0	2.2	1.4	1.6	1.8	2.0	2.2
UF Coefficient (ml/h/mmHg)	21	23	26	29	33	48	55	60	66	72
Priming Volume (ml)	85	98	110	125	137	87	100	109	120	138

Clearances In-Vitro (ml/min)

QD = 500 ml/min - Temperature = 37°C - QF = 10 ml/min

QB = 200 ml/min										
Urea	189	191	193	195	197	193	195	197	197	198
Creatinine	180	183	186	189	192	186	191	196	197	198
Phosphate	179	185	190	192	195	182	188	192	195	196
Vitamin B ₁₂	114	123	130	138	146	138	146	156	167	172
Inulin	-	-	-	-	-	100	119	130	142	154

QB = 300 ml/min										
Urea	251	259	266	274	284	263	270	278	282	289
Creatinine	232	244	256	267	280	235	250	260	270	279
Phosphate	228	240	250	260	272	239	255	269	281	288
Vitamin B ₁₂	132	148	162	177	190	160	165	185	200	211
Inulin	-	-	-	-	-	124	131	140	150	159

QB = 400 ml/min										
Urea	281	290	300	311	321	305	316	325	335	345
Creatinine	260	275	287	299	311	275	290	300	311	322
Phosphate	267	280	292	305	317	309	315	334	340	352
Vitamin B ₁₂	142	158	175	188	202	180	190	200	212	222
Inulin	-	-	-	-	-	125	132	144	154	165

KoA (Urea)	836	945	1060	1240	1570	1010	1140	1350	1490	1830
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Performance data measured in vitro according to standard ISO 8637-1.

Sieving Coefficients

(QB = 200 ml/min, QF = 30 ml/min)

Inulin	1.0 ± 0.1
β2-Microglobulin	≥ 0.7
Myoglobin	0.55 ± 0.1
Albumin	≤ 0.01

Materials

Membrane	Polyethersulfone
Housing & Headers	Polypropylene
Potting Compound	Polyurethane
Sterilization	Irradiation
Protective Caps	Polyethylene



DIA LX/HX DIALYZERS

- **OPTIMIZED DESIGN**
- **OUTSTANDING CLEARANCE LEVELS**
- **SUPERIOR BIOCOMPATIBILITY**
- **BPA-FREE MATERIAL, FOR HIGHER PATIENT SAFETY, COST SAVING AND GREENER IMPACT**
- **REDUCED RISK OF COMPLICATIONS**

**PATIENT-DRIVEN,
QUALITY CARE.**

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MB-F-DIA-XXL/H-XX-EN-REV.00

