



BAGHDAD
FACTORY



HEMODIALYSIS

Product Catalogue

Quality in Care



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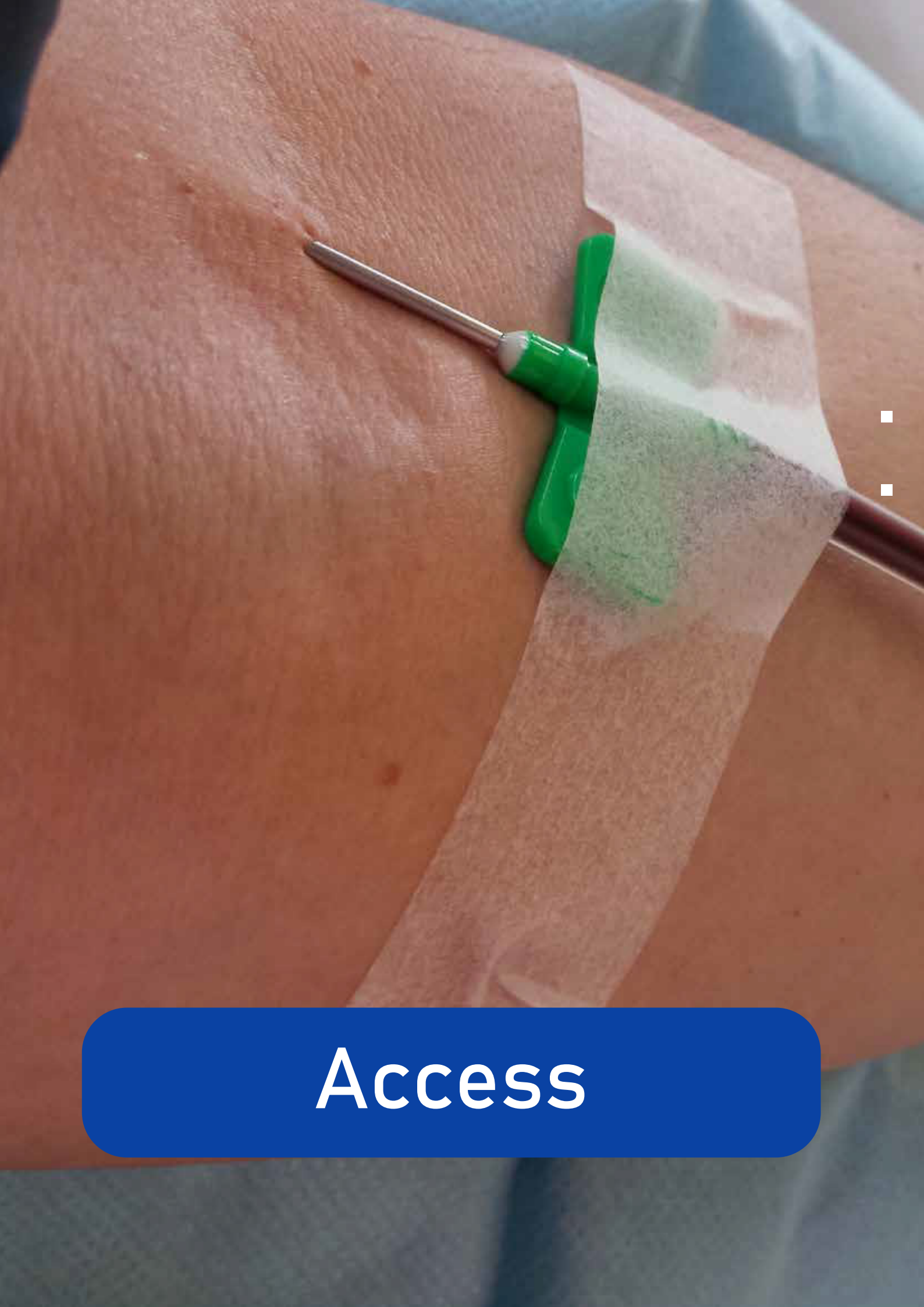
Access



Filtration



Peritoneal dialysis



Access

- 
- Fistula Needles
 - Dialysis Catheter

AV Fistula Needles

Standard Fistula Needles

- An arteriovenous (AV) fistula needle is a specialized medical device used in hemodialysis procedures. It is designed to access an AV fistula, which is a surgically created connection between an artery and a vein in patients with end-stage renal disease (ESRD). The AV fistula needle is used to puncture the AV fistula, allowing blood to flow from the patient's body into the hemodialysis machine and back.
- During a hemodialysis session, two AV fistula needles are typically inserted into the patient's AV fistula. One needle is connected to the arterial line, which carries blood from the patient to the hemodialysis machine for filtration, while the other needle is connected to the venous line, which returns the filtered blood from the machine back to the patient's body.

Description	Code
V 15 G x 25 x 150	50020111
V 15 G x 25 x 300	50020112
V 16 G x 25 x 150	50020113
V 16 G x 25 x 300	50020114
V 17 G x 25 x 150	50020115
V 17 G x 25 x 300	50020116

*Venous

*Wing: Blue Color



Description	Code
A 15 G x 25 x 150	50020121
A 15 G x 25 x 300	50020122
A 16 G x 25 x 150	50020123
A 16 G x 25 x 300	50020124
A 17 G x 25 x 150	50020125
A 17 G x 25 x 300	50020126

*Arterial

*Wing: Red Color



Description	Code
A+V 15 G x 25 x 150	50020131
A+V 15 G x 25 x 300	50020132
A+V 16 G x 25 x 150	50020133
A+V 16 G x 25 x 300	50020134
A+V 17 G x 25 x 150	50020135
A+V 17 G x 25 x 300	50020136

* Arterial+Venous

*Wing: Red+Blue Color



Advantages of AV Fistula:

- Remains functional longer than other forms of vascular access
- No synthetic material implanted in patient's body
- Provides the necessary blood flow needed for effective dialysis, which may help decrease treatment time
- Low risk of infection
- Created in an outpatient procedure under local anaesthesia
- Fast return to patient's daily activities



Safety Fistula Needles

- Safety Fistula Needle is designed to help protect against needlestick injuries (NSI) and a system with built-in advantages: once locked, stays locked. When activated, the needle's safety mechanism confirms the protector is permanently locked in place with an audible and tactile.



Description	Code
V 15 G x 25 x 150	50020111
V 15 G x 25 x 300	50020112
V 16 G x 25 x 150	50020113
V 16 G x 25 x 300	50020114
V 17 G x 25 x 150	50020115
V 17 G x 25 x 300	50020116

*Venous

*Wing: Blue Color



Description	Code
A 15 G x 25 x 150	50020121
A 15 G x 25 x 300	50020122
A 16 G x 25 x 150	50020123
A 16 G x 25 x 300	50020124
A 17 G x 25 x 150	50020125
A 17 G x 25 x 300	50020126

*Arterial

*Wing: Red Color



Description	Code
A+V 15 G x 25 x 150	50020131
A+V 15 G x 25 x 300	50020132
A+V 16 G x 25 x 150	50020133
A+V 16 G x 25 x 300	50020134
A+V 17 G x 25 x 150	50020135
A+V 17 G x 25 x 300	50020136

* Arterial+Venous

*Wing: Red+Blue Color



Benefits of Safety Fistula Needle:

- **Built-in safety advantage:** a permanent locking feature eliminates the worry of accidental needlesticks.
- **Needle retracts into the safety guard.**
- **Textured wings provide a secure grip,** making it easier to cannulate.

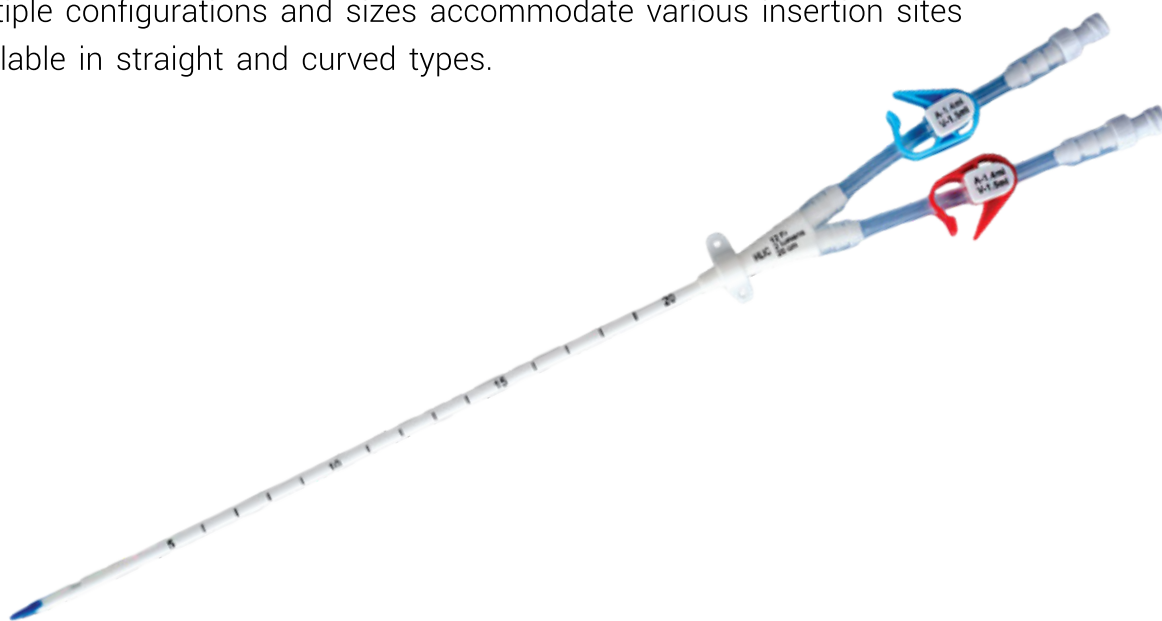


Dialysis Catheters

Standard Dialysis

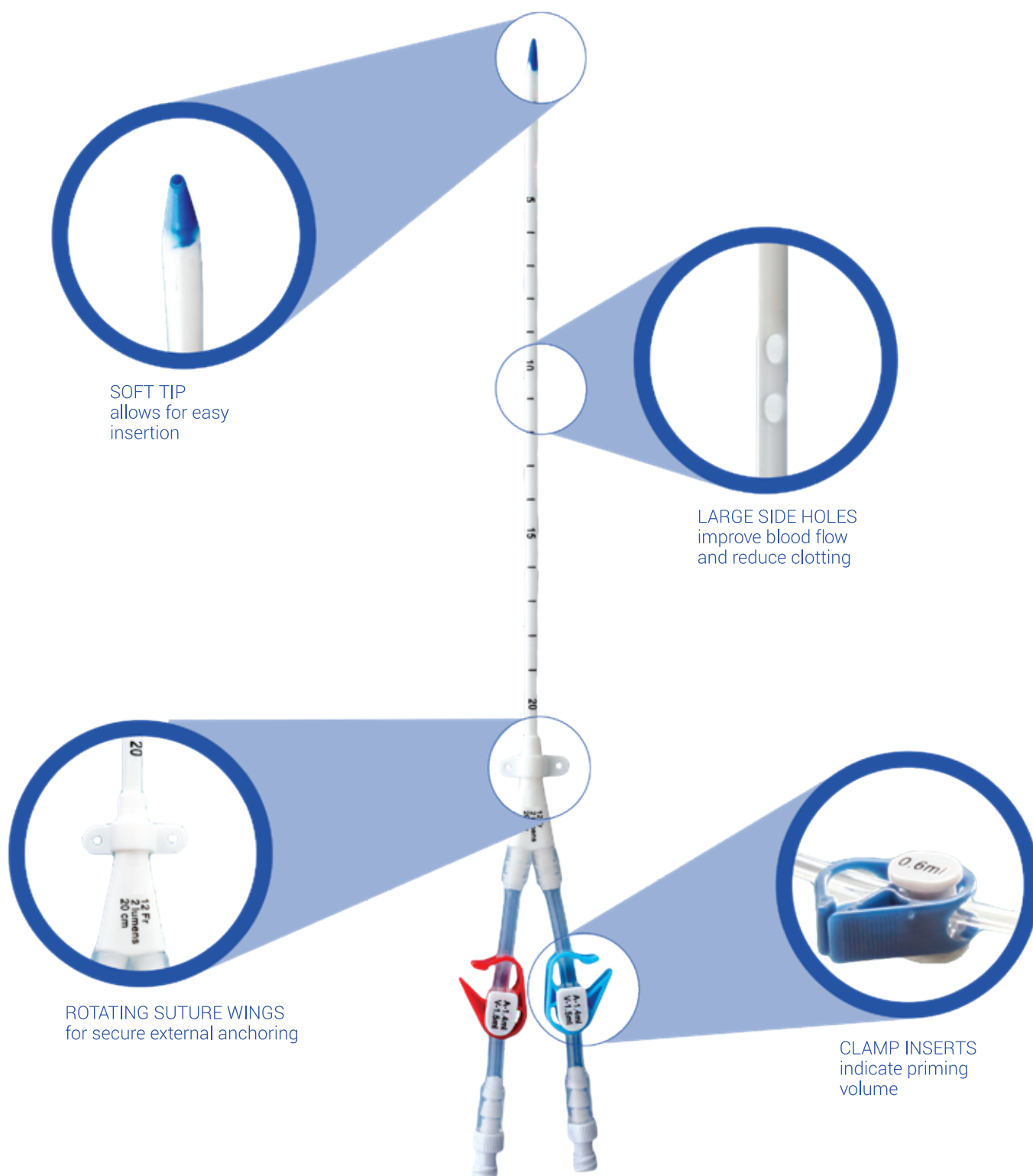
Features:

- Flexible polyurethane material facilitates ease of insertion yet softens at body temperature.
- Radiopaque for quick visualization.
- Multiple sizes for various patients' need.
- Ideal for extracorporeal therapies: Dialysis, Hemofiltration and Apheresis.
- Soft and flexible extension tubes to ensure soft patient comfort & shock absorbance.
- Soft tip perfectly tapered to ensure smooth insertion.
- Integrated light weight clamp to ensure soft and rapid clamping in emergency cases.
- Tapered female luer for easy secure connection of all bloodlines.
- Long tip tapered tissue dilators to ensure minimum trauma and easy access.
- Multiple configurations and sizes accommodate various insertion sites
- Available in straight and curved types.



Type	Description
S	Introducer Needle Straight
Y	Introducer Needle Y
Safety	Needle Safety with Cover

*NOTE: Other Varieties (Type Y - Safety S - Safety Y) are available upon request



Double Lumen

KIT Includes:

1. Injection Cap: X2
2. Syringe: 5ml
3. Dilator: 7F X 10cm
4. Scalpel: X1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300111	6.5	5	s	20	50	0.021
50300112	6.5	8	s	20	50	0.021
50300113	6.5	10	s	20	50	0.021
50300114	6.5	13	s	20	50	0.021
50300115	6.5	16	s	20	50	0.021
50300116	6.5	20	s	20	60	0.021



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50301111	6.5	5	s	20	50	0.021
50301112	6.5	8	s	20	50	0.021
50301113	6.5	10	s	20	50	0.021
50301114	6.5	13	s	20	50	0.021
50301115	6.5	16	s	20	50	0.021
50301116	6.5	20	s	20	60	0.021



KIT Includes:

- 1. Injection Cap: x2
- 2. Syringe: 5ml
- 3. Dilator: 9F X 10cm
- 4. Scalpel: x1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300121	8.5	5	s	20	50	0.025
50300122	8.5	8	s	20	50	0.025
50300123	8.5	10	s	20	50	0.025
50300124	8.5	13	s	20	50	0.025
50300125	8.5	16	s	20	50	0.025
50300126	8.5	20	s	20	60	0.025



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50301121	8.5	5	s	20	50	0.025
50301122	8.5	8	s	20	50	0.025
50301123	8.5	10	s	20	50	0.025
50301124	8.5	13	s	20	50	0.025
50301125	8.5	16	s	20	50	0.025
50301126	8.5	20	s	20	60	0.025



KIT Includes:

1. Injection Cap: X2
2. Syringe: 5ml
3. Dilator: 9F X 10cm - 10F X 15cm
4. Scalpel: X1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300133	10	10	s	18	50	0.038
50300134	10	13	s	18	50	0.038
50300135	10	15	s	18	50	0.038
50300136	10	16	s	18	50	0.038
50300138	10	20	s	18	60	0.038



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50301133	10	10	s	18	50	0.038
50301134	10	13	s	18	50	0.038
50301135	10	15	s	18	50	0.038
50301136	10	16	s	18	50	0.038
50301138	10	20	s	18	60	0.038



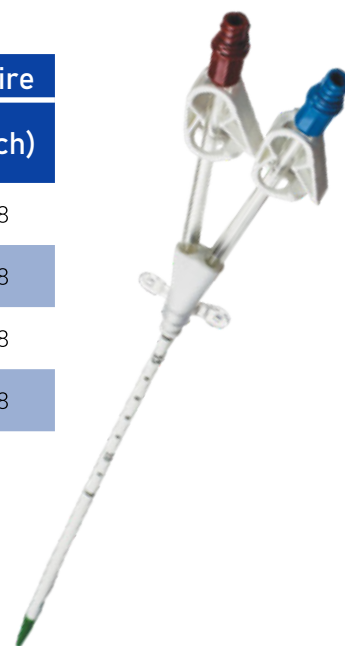
KIT Includes:

1. Injection Cap: x2
2. Syringe: 5ml
3. Dilator: 12F X 15cm - 10F X 15cm
4. Scalpel: x1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300144	11.5	13	s	18	50	0.038
50300145	11.5	16	s	18	50	0.038
50300146	11.5	20	s	18	60	0.038
50300147	11.5	25	s	18	60	0.038



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50301144	11.5	13	s	18	50	0.038
50301145	11.5	16	s	18	50	0.038
50301146	11.5	20	s	18	60	0.038
50301147	11.5	25	s	18	60	0.038



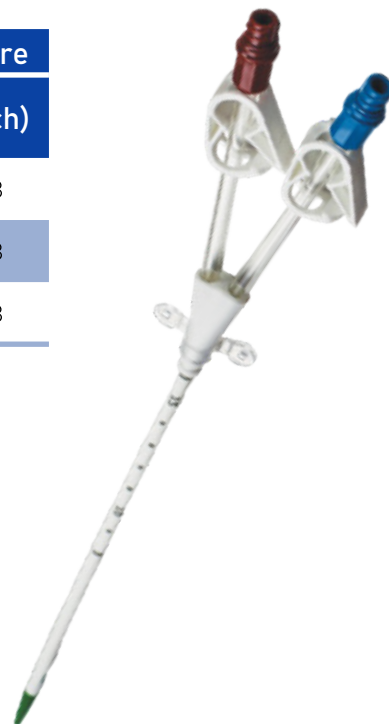
KIT Includes:

1. Injection Cap: X2
2. Syringe: 5ml
3. Dilator: 12F X 15cm - 10F X 15cm
4. Scalpel: X1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300154	12	13	s	18	50	0.038
50300155	12	16	s	18	50	0.038
50300156	12	20	s	18	60	0.038



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50301154	12	13	s	18	50	0.038
50301155	12	16	s	18	50	0.038
50301156	12	20	s	18	60	0.038



KIT Includes:

1. Injection Cap: x2
2. Syringe: 5ml
3. Dilator: 12F X 15cm - 14F X 15cm
4. Scalpel: x1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300164	14	13	s	18	50	0.038
50300165	14	16	s	18	60	0.038
50300166	14	20	s	18	70	0.038



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50301164	14	13	s	18	50	0.038
50301165	14	16	s	18	60	0.038
50301166	14	20	s	18	70	0.038



Triple Lumen

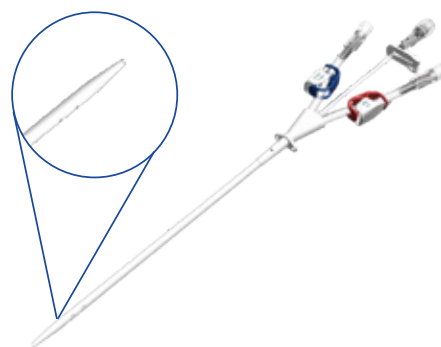
KIT Includes:

1. Injection Cap: x3
2. Syringe: 5ml
3. Dilator: 12F X 15cm - 10F X 15cm
4. Scalpel: x1



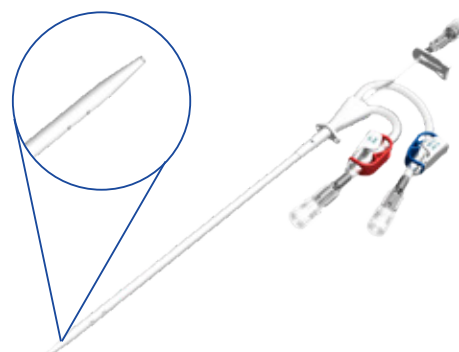
Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50302154	12	13	s	18	50	0.038
50302155	12	16	s	18	50	0.038
50302156	12	20	s	18	60	0.038



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50303154	12	13	s	18	50	0.038
50303155	12	16	s	18	50	0.038
50303156	12	20	s	18	60	0.038

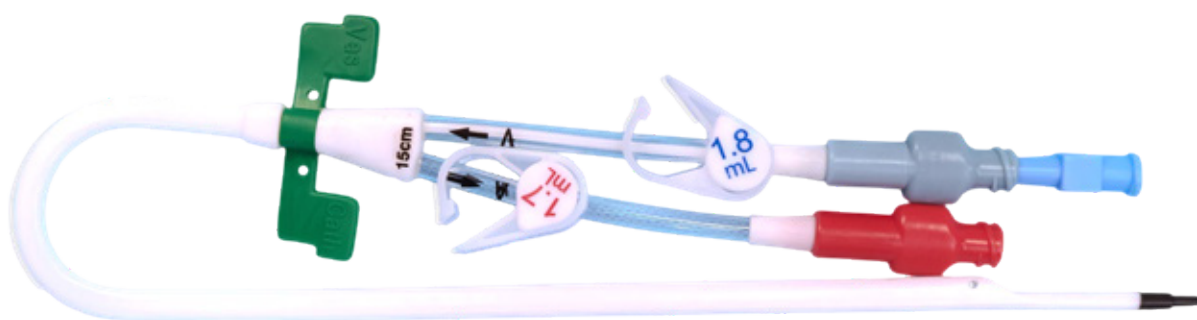


Dialysis Pre-Curved Catheter

A pre-curved catheter is designed with a curved shape that helps with the insertion process and ensures proper placement within the vein. The curvature of the catheter makes it easier for the healthcare provider to navigate the blood vessels and position the catheter correctly.

The use of a pre-curved catheter can provide several benefits, including:

1. **Improved Insertion Accuracy:** The pre-curved shape helps guide the catheter through the blood vessels, reducing the risk of complications or improper placement.
2. **Decreased Procedure Time:** The pre-curved catheter saving time during the procedure.
3. **Enhanced Patient Comfort:** The curved design reduces discomfort for the patient by minimizing friction and pressure on the blood vessel walls.



*NOTE: Other Varieties (Type Y - Safety S - Safety Y) are available upon request

Double Lumen

KIT Includes:

1. Injection Cap: X2
2. Syringe: 5ml
3. Dilator: 12F X 15cm - 10F X 15cm
4. Scalpel: X1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50320144	11.5	13	s	18	50	0.038
50320145	11.5	16	s	18	50	0.038
50320146	11.5	20	s	18	60	0.038
50320147	11.5	25	s	18	60	0.038

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300154	12	13	s	18	50	0.038
50300155	12	16	s	18	50	0.038
50300156	12	20	s	18	60	0.038



KIT Includes:

- 1. Injection Cap: x2
- 2. Syringe: 5ml
- 3. Dilator: 12F X 15cm - 14F X 15cm
- 4. Scalpel: x1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50300164	14	13	s	18	50	0.038
50300165	14	16	s	18	60	0.038
50300166	14	20	s	18	70	0.038

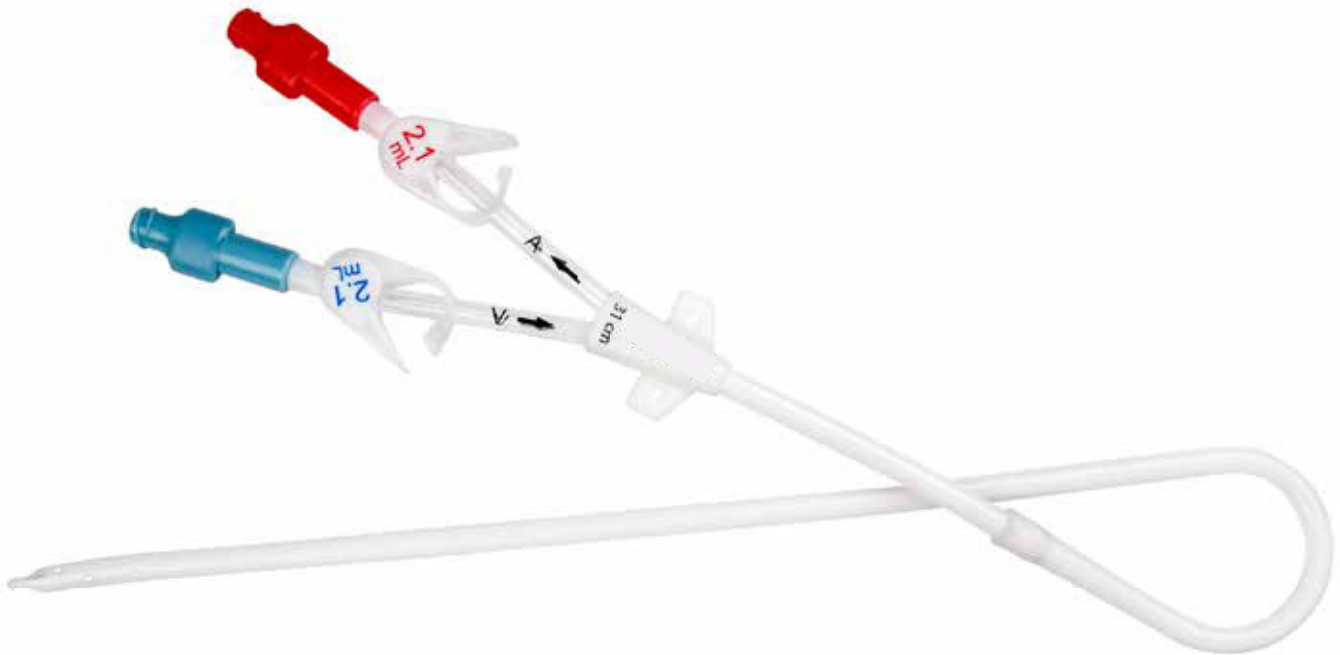


Long Term Dialysis

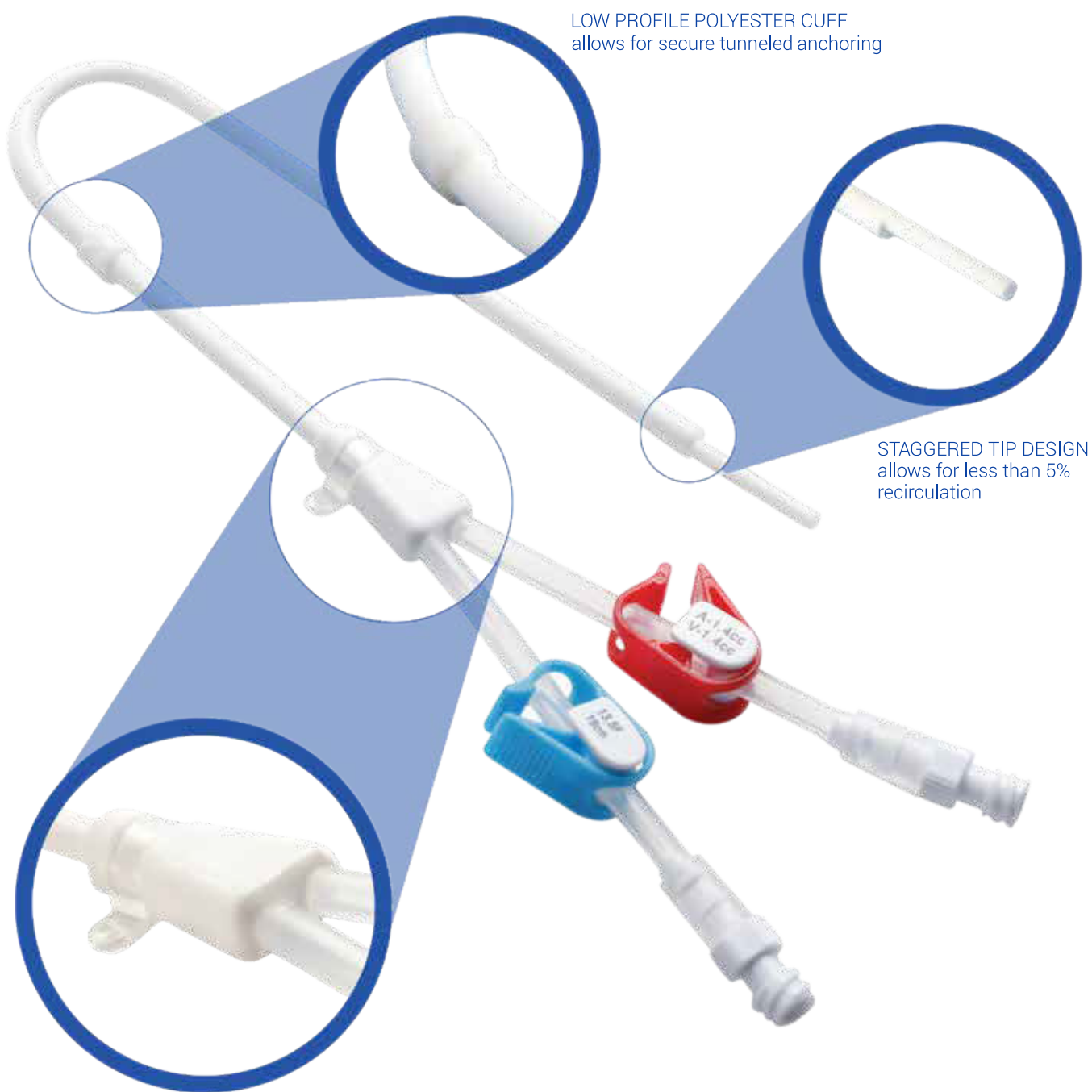
A standard dialysis catheter, also known as a tunnelled catheter or a central venous catheter, is a type of catheter used for long-term dialysis access in patients with kidney failure. It is inserted into a large vein, typically in the neck or chest area, and remains in place for an extended period.

Features :

- Dual lumen
- Kink-resistant catheter design
- Catheter available in different lengths
- Available in Straight or curved extension tube



*NOTE: Other Varieties (Type Y - Safety Y - Safety Y) are available upon request



LOW PROFILE POLYESTER CUFF
allows for secure tunneled anchoring

STAGGERED TIP DESIGN
allows for less than 5%
recirculation

ROTATING SUTURE WINGS
for secure external anchoring

Double Lumen

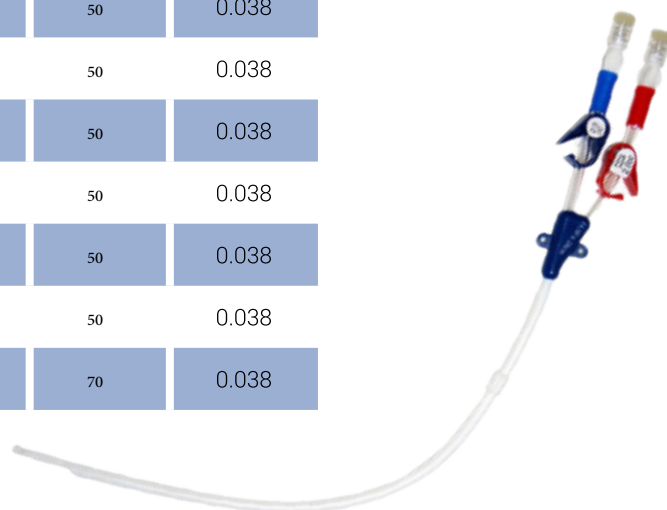
KIT Includes:

1. Injection Cap: X2
2. Syringe: 5ml
3. Dilator: 10F X 15cm - 12F X 15cm
4. Scalpel: X1
5. Valved Peelable Sheath: X1
6. Tunneler: X1



Straight Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50340371	12	13	s	20	50	0.038
50340372	15	19	s	18	50	0.038
50340373	15	23	s	18	50	0.038
50340374	15	28	s	18	50	0.038
50340375	15	31	s	18	50	0.038
50340376	15	33	s	18	50	0.038
50340377	15	35	s	18	50	0.038
50340378	15	50	s	18	70	0.038



Curved Extension Tube

Code	Catheter		Introducer Needle		Nitinol Guide Wire	
	Size (Fr)	Length (cm)	Type	Gauge	Length (cm)	Φ (inch)
50341371	12	13	s	20	50	0.038
50341372	15	19	s	18	50	0.038
50341373	15	23	s	18	50	0.038
50341374	15	28	s	18	50	0.038
50341375	15	31	s	18	50	0.038
50341376	15	33	s	18	50	0.038
50341377	15	35	s	18	50	0.038
50341378	15	50	s	18	70	0.038





Filteration



- Dialyzer
- Blood Line

Dialyzer

Polyethersulfone(PES)

Model			QMI-HD13L	QMI-HD15L	QMI-HD16L	QMI-HD17L
Ultrafiltration Coefficient			39	48	57	60
Surface Area(m ²)			1.3	1.5	1.6	1.7
Chamber volume			84	90	95	101
Clearances (ml/min)			Test Conditions: T=37℃			
Solute	QB	QD	(ml/min)			
Urea	200	500	180	184	186	188
	300	500	259	264	267	270
	400	500	292	305	312	318
	200	800	182	187	190	192
	300	800	265	271	274	277
	400	800	295	315	325	332
Creatinine	200	500	164	168	170	173
	300	500	239	243	245	248
	400	500	259	265	268	271
	200	800	165	171	174	177
	300	800	244	248	250	253
	400	800	260	270	275	273
Phosphate	200	500	164	172	176	179
	300	500	244	248	250	253
	400	500	284	290	293	296
	200	800	168	176	180	183
	300	800	247	253	256	259
	400	800	294	298	300	303
Vitamin B ₁₂	200	500	129	135	138	140
	300	500	159	165	168	171
	400	500	168	176	180	185
	200	800	133	139	142	145
	300	800	165	171	174	177
	400	800	170	182	188	192
β ₂ -MG	200	500	52	60	64	67

QMI-HD18L	QMI-HD19L	QMI-HD20L	QMI-HD21L	QMI-HD23L	QMI-HD25L
63	64	67	69	73	77
1.8	1.9	2.0	2.1	2.3	2.5
106	112	120	126	136	146

37°C, QF=10ml/min, In Vitro Simulation Experiment

190	192	195	196	200	205
274	277	280	283	289	295
325	332	340	348	358	364
194	196	198	200	202	208
280	283	286	289	295	297
338	344	350	356	366	374
175	178	180	182	186	190
250	252	255	258	264	270
274	277	280	283	289	295
180	183	186	189	195	201
256	258	260	262	266	270
280	283	286	289	295	301
182	185	188	191	197	203
256	259	262	265	271	277
298	300	304	308	316	324
186	189	192	195	201	207
262	265	268	271	277	283
305	307	310	313	319	325
142	144	147	150	156	162
173	175	178	181	187	193
188	192	196	200	208	216
147	149	152	155	161	167
180	182	186	190	198	206
196	200	204	208	216	224
70	73	76	78	82	86



Polyethersulfone(PES)

Model			QMI-LD13L	QMI-LD14L	QMI-LD15L	QMI-LD16L
Ultrafiltration Coefficient			12	13	13	14
Surface Area(m²)			1.3	1.4	1.5	1.6
Chamber volume			80	85	90	95
Clearances (ml/min)			Test conditions:T=37°			
Solute	QB	QD				
Urea	200	500	178	180	182	185
	300	500	227	230	233	235
	400	500	266	270	274	278
	200	800	183	185	187	189
	300	800	250	255	259	263
	400	800	281	290	298	305
Creatinine	200	500	168	170	172	175
	300	500	211	215	218	220
	400	500	243	247	251	255
	200	800	178	180	182	184
	300	800	234	238	242	245
	400	800	270	275	280	285
Phosphate	200	500	151	155	158	160
	300	500	181	185	188	191
	400	500	205	210	215	220
	200	800	156	160	164	167
	300	800	185	190	195	200
	400	800	220	225	230	235
Vitamin B ₁₂	200	500	100	103	106	108
	300	500	109	113	116	118
	400	500	122	125	128	130
	200	800	108	112	116	120
	300	800	121	125	128	130
	400	800	136	140	143	145

QMI-LD17L	QMI-LD18L	QMI-LD19L	QMI-LD20L	QMI-LD21L	QMI-LD23L
16	17	21	24	25	28
1.7	1.8	1.9	2.0	2.1	2.3
101	106	112	118	123	145

C, QF=10ml/min, In Vitro Simulation Experiment

187	190	192	194	195	205
238	242	246	250	254	295
284	290	295	300	305	364
191	193	195	197	199	208
266	269	272	275	278	297
313	322	326	330	334	374
178	182	185	188	191	190
223	227	231	235	239	270
260	265	270	275	280	295
186	188	190	192	194	201
247	250	255	260	265	270
290	295	297	300	303	301
164	168	170	172	174	203
195	200	205	210	215	277
222	225	232	240	248	324
169	171	173	175	177	207
203	207	211	215	219	283
238	242	246	250	254	325
114	120	125	130	135	162
124	130	135	140	145	193
140	150	155	160	165	216
122	125	130	135	140	167
138	145	150	155	160	206
152	160	165	170	175	224

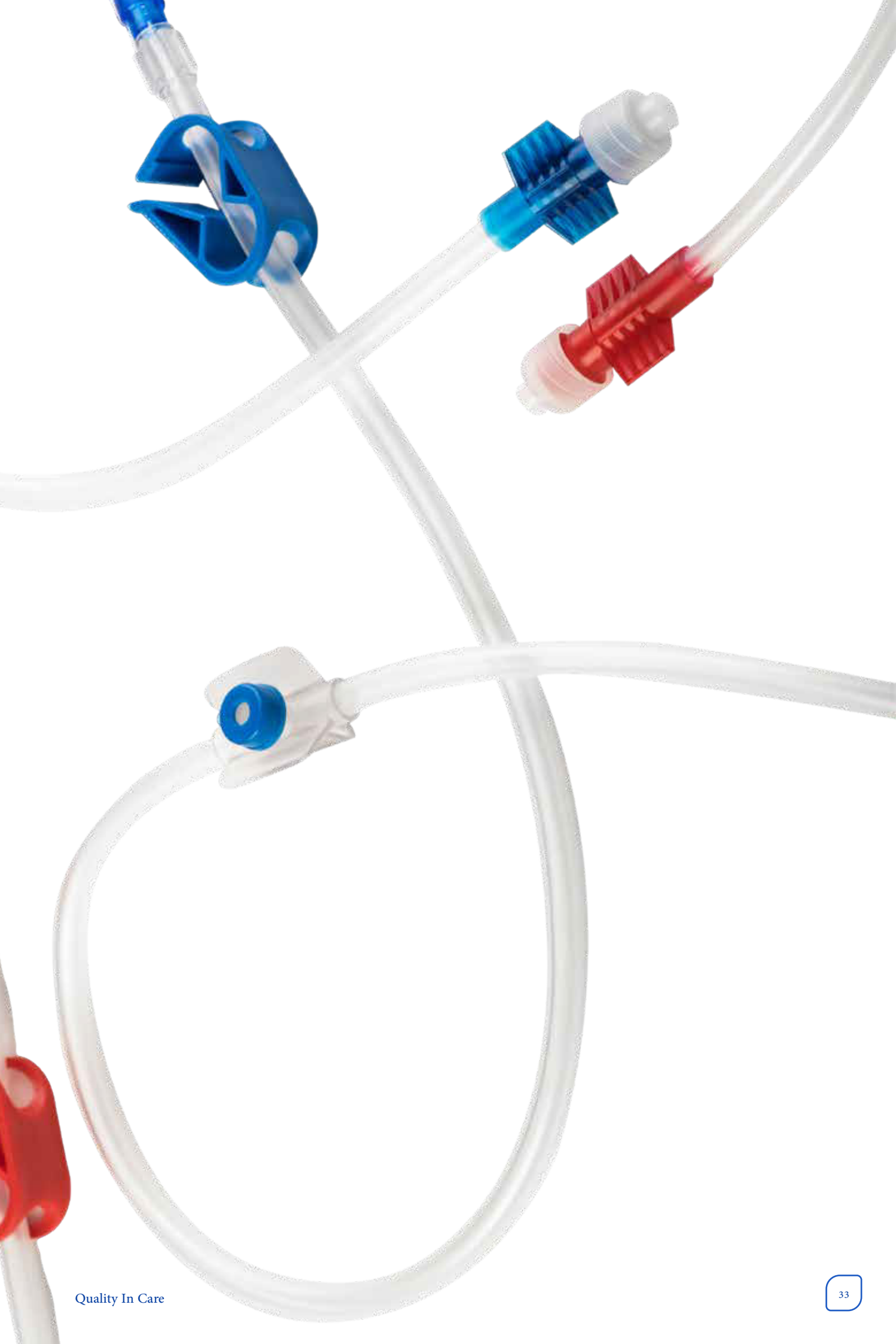
BloodLines

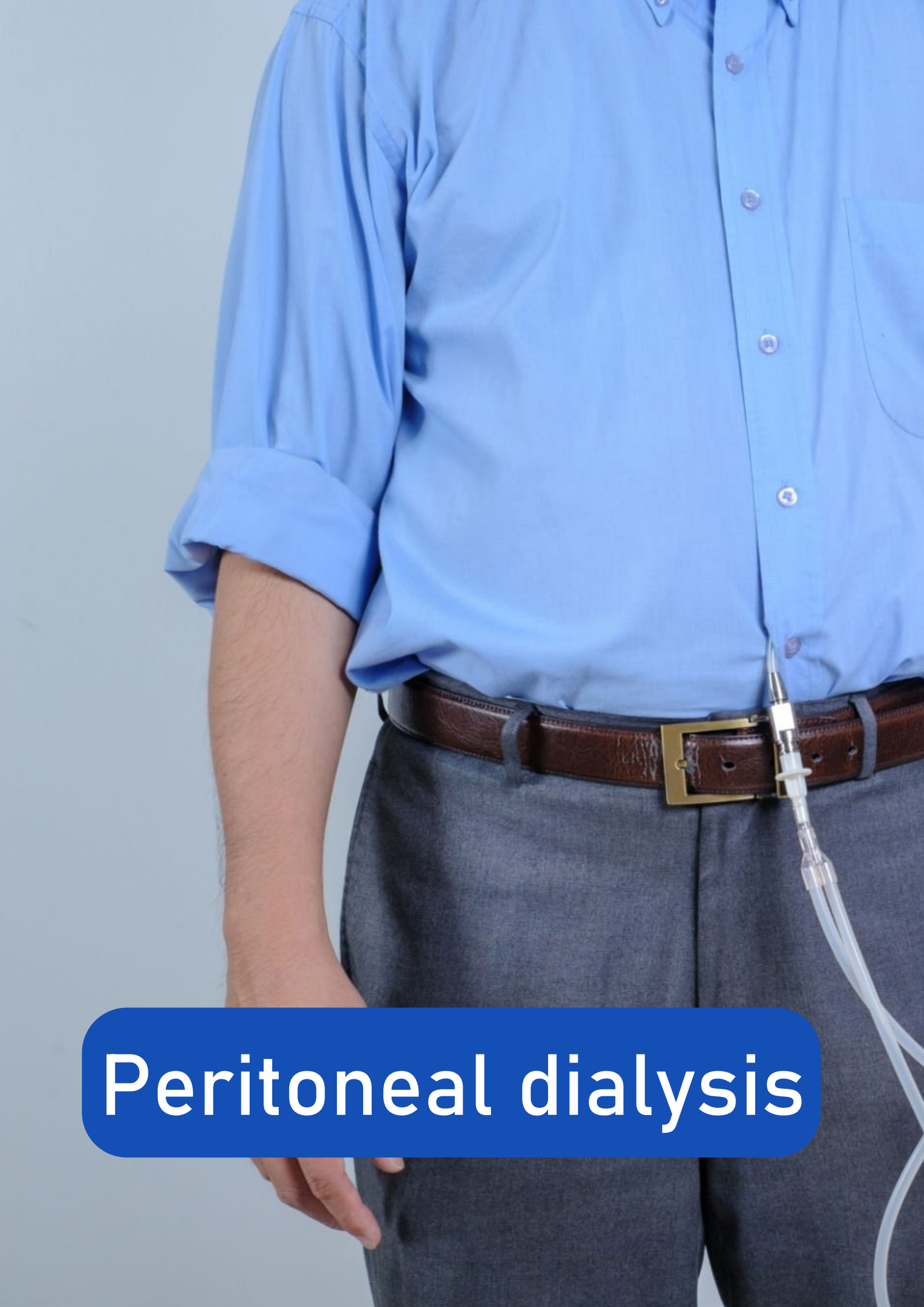
Access

Filtration

Peritoneal dialysis

Code	Pump Segment (ID x OD x L) MM	Chamber OD mm	Machine
50010000	8 X 12 X 360	22	Fresenius 4008B Toray TQS-88 Nipro NCU-18 Gambro(except AK98) Nikkiso DBB-07/DBB-27C B.Braun Dialog+(single pump)
50010001	8 X 12 X 330	22	B.Braun Dialog+
50010002	8 X 12 X 330	22	B.Braun Dialog+
50010003	8 X 12 X 330	22	B.Braun Dialog+
50010004	8 X 12 X 330	22	B.Braun Dialog+
50010005	9.5 x 6.35 x 380	21	Universal\Fresenius
50010006	9.5 x 6.35 x 380	21	Universal\Fresenius
50010007	9.5 x 6.35 x 380	26	Universal\Fresenius
50010008	12 x 8.85 x 380	26	Universal\Fresenius
50010009	12 x 8.85 x 380	26	Universal\Fresenius
50010010	12 x 8.85 x 380	21	Gambro
50010011	12 x 8.85 x 380	21	Gambro
50010012	12 x 8.85 x 380	21	Gambro
50010013	12 x 8.85 x 380	21	Gambro
50010014	12 x 8.85 x 380	26	B.Braun
50010015	13 x 8.85 x 380	26	B.Braun



A person is shown from the waist up, wearing a light blue button-down shirt with rolled-up sleeves and grey trousers. A brown leather belt with a gold-colored buckle is worn around the waist. A clear plastic peritoneal dialysis catheter is inserted into the lower right side of the abdomen, secured by a small piece of tape. The catheter extends downwards and to the right. The background is a plain, light-colored wall.

Peritoneal dialysis



- Peritoneal dialysis catheter kit
- Peritoneal dialysis transfusion set



PERITONEAL DIALYSIS CATHETER KIT

Product Name: Peritoneal Dialysis Catheter Kit

Item Code: 2054

Suitable for performing peritoneal dialysis in patients of all age groups

Features :

- Stainless steel trocar is provided with extra sharpness to facilitate smooth penetration
- The trocar and the tip of the catheter is perfectly matched to facilitate trauma free entry
- The Spare scalpel blade is supplied to provide the incision
- Catheters are made from the Polyvinyl chloride & Polypropylene material
- Latex flash ball is provided on the junction unit for additional medication
- Sterile product for single use

Complete kit is placed in thermoformed tray, packed in peelable pouch.

Kit Consist of :

- Scalpel Blade
- Stainless Steel trocar
- Multihole, smooth tip catheter
- Junction unit with control clamp



Available Configuration :

- Sizes available : Child, Adult



BAGHDAD FACTORY



PERITONEAL DIALYSIS TRANSFUSION SET

Product Name: Peritoneal Dialysis Transfusion Set

Item Code: 2053

Features :

- Specially designed Y shape transfusion set for administering dialysis solution into peritoneal Cavity
- Two lower control clamp helps easy input and drainage of solution
- Provided with two upper control clamps to facilitate the alternative change of solution bottles
- Available with sharp and easy piercing air vented spike
- Sterile product for single use



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