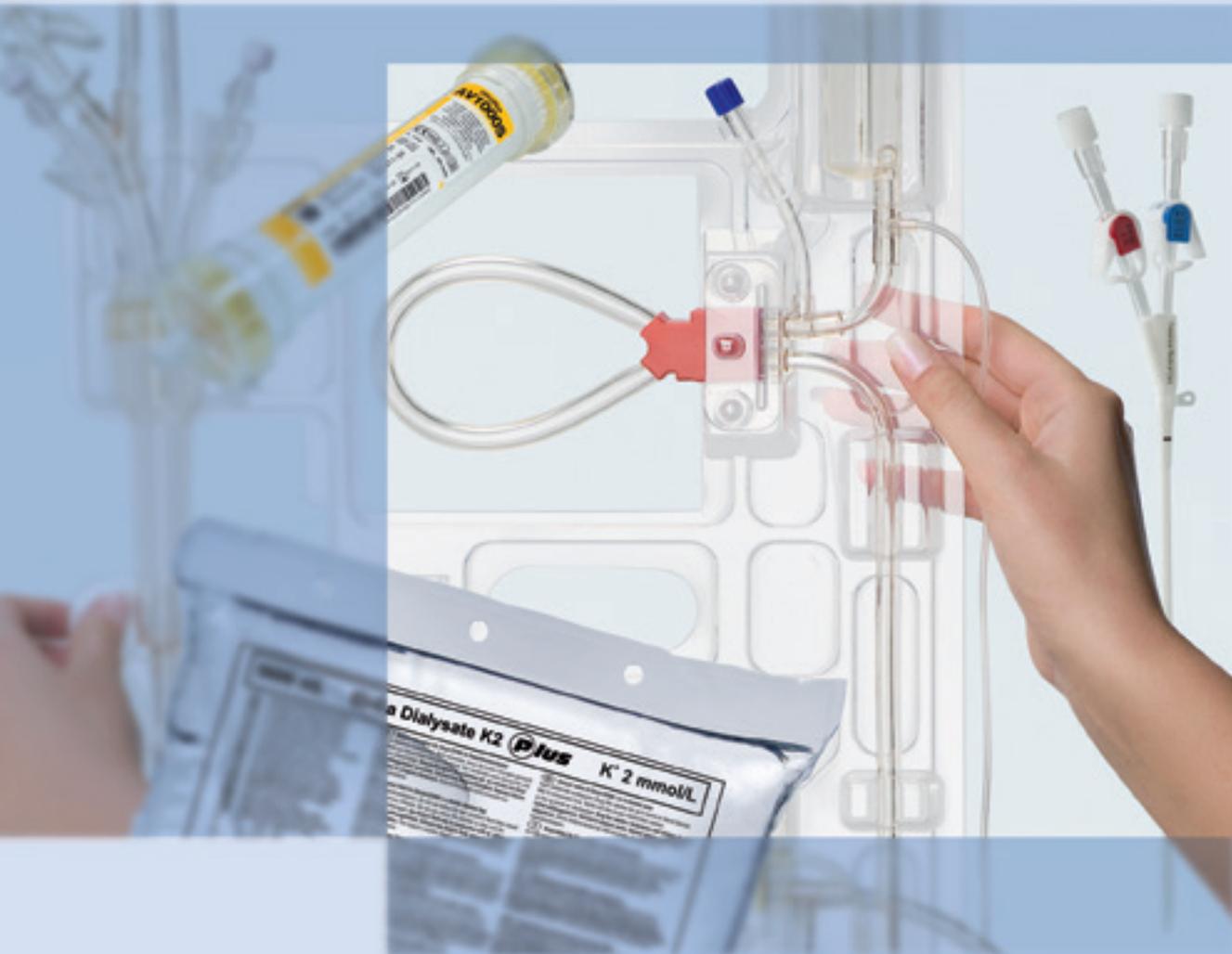
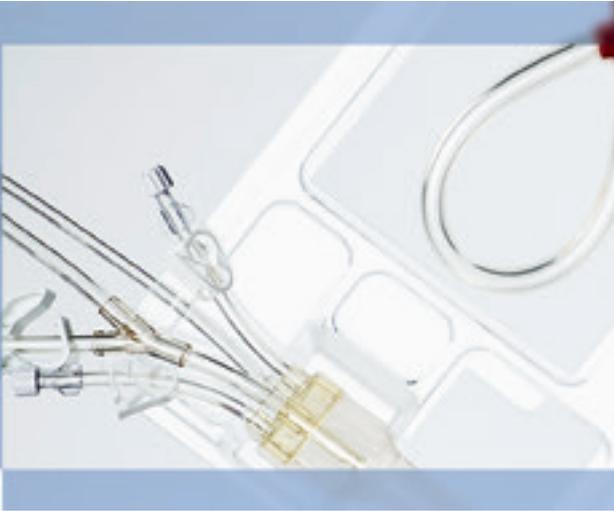


Product Range



Complete Kits for multiFiltrate



The multiFiltrate-Kits contain:

- multiFiltrate cassette (AV-set and filtrate system pre-assembled) or volume-reduced midi AV-set or paed system with very low extracorporeal blood volume
- Substitute and/or dialysate system (depends on therapy mode)
- Haemofilter or plasmafilter

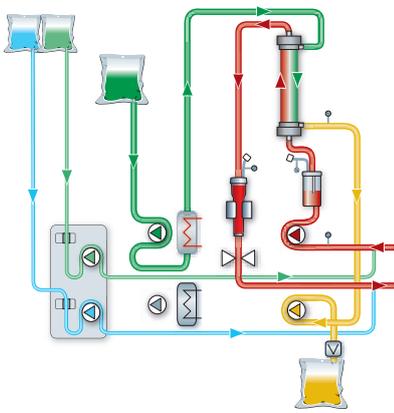
A multiFiltrate cassette consists of arterial, venous, and filtrate lines. This allows easy installation of the tubing system required for each treatment. The combination of the multiFiltrate cassette with treatment-specific tubing systems enables the multiFiltrate to be set up quickly and efficiently.

Kit guideline chart		Tubing system	CVVHD	CVVHDF	CVWH	MPS	SCUF	HP
5039011	multiFiltrate - Kit Ci-Ca® CVVHD 1000	cassette	●					
F00001172	multiFiltrate - Kit Ci-Ca® CVVHD EMIC®2	cassette	●					
F00002290	multiFiltrate - Kit Ci-Ca® postCVVHDF 1000	cassette		●				
5038871	multiFiltrate - Kit 8 CVVHDF 1000	cassette	○	●	○			○
5038931	multiFiltrate - Kit 4 CVVHDF 600	cassette	○	●	○			○
F00003317	multiFiltrate - Kit midi CVVHDF 400	midi	○	●	○			○
5038791	multiFiltrate - Kit 9 CVWH 1000	cassette			●			○
5038911	multiFiltrate - Kit 2 CVWH 600	cassette			●			○
5038181	multiFiltrate - Kit 7 HV-CVWH 1000	cassette			●			○
5039031	multiFiltrate - Kit 5 pre-post CWH 600	cassette			●			○
F00001173	multiFiltrate - Kit CVVHD EMIC®2	cassette	●					○
5038921	multiFiltrate - Kit 3 CVVHD 600	cassette	●					○
5039051	multiFiltrate - Kit paed CRRT/SCUF	paed	●		●		●	
F00000215	multiFiltrate - Kit 16 MPS P2dry	cassette				●		○
F00004671	multiFiltrate - Kit 16 IS MPS P2dry	cassette				●		○
F00003316	multiFiltrate - Kit MPS P1dry	midi				●		○

● = Dedicated usage ○ = Alternative usage - some of the included lines will not be used

Ci-Ca® CVVHD

Continuous veno-venous
haemodialysis with citrate
anticoagulation



multiFiltrate – Kit Ci-Ca® CVVHD 1000

Art. No. 5039011

Type	Description
Ultraflux® AV1000S	Ultraflux® haemofilter, steam-sterilised, 1.8 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Ci-Ca® Cassette	Pre-assembled cassette with arterial, venous, and filtrate systems and integrated citrate and calcium lines
Dialysate System multiFiltrate	Dialysate system with integrated heater bag

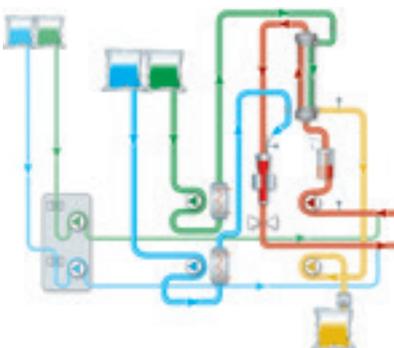
multiFiltrate – Kit Ci-Ca® CVVHD EMiC®2

Art. No. F0001172

Type	Description
Ultraflux® EMiC®2	Ultraflux® haemofilter, steam-sterilised, 1.8 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Ci-Ca® Cassette	Pre-assembled cassette with arterial, venous, and filtrate systems and integrated citrate and calcium lines
Dialysate System multiFiltrate	Dialysate system with integrated heater bag

Ci-Ca® post- CVVHDF

Continuous veno-venous
haemodiafiltration with
citrate anticoagulation



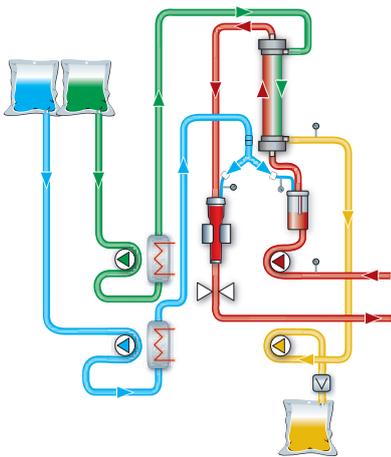
multiFiltrate – Kit Ci-Ca® postCVVHDF 1000

Art. No. F0002290

Type	Description
Ultraflux® AV1000S	Ultraflux® haemofilter, steam-sterilised, 1.8 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Ci-Ca® Cassette	Pre-assembled cassette with arterial, venous, and filtrate systems and integrated citrate and calcium lines
Substitute System multiFiltrate	Substitute system with integrated heater bag
Ci-Ca® HDF Dialysate System multiFiltrate	Dialysate system with integrated heater bag

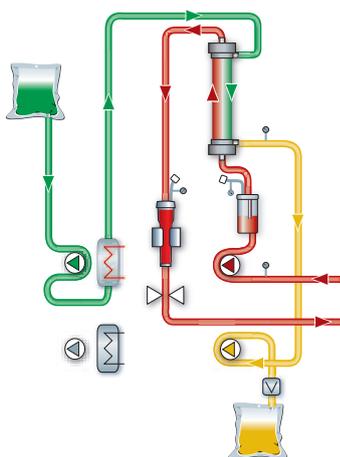
CVVHDF

Continuous veno-venous
haemodiafiltration



CVVHD

Continuous veno-venous
haemodialysis



multiFiltrate – Kit 8 CVVHDF 1000

Art. No. 5038871

Type	Description
Ultraflux® AV1000S	Ultraflux® haemofilter, steam-sterilised, 1.8 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Cassette	Pre-assembled cassette with arterial, venous and filtrate systems
Substitute System multiFiltrate	Substitute system with integrated heater bag
Dialysate System multiFiltrate	Dialysate system with integrated heater bag

multiFiltrate – Kit 4 CVVHDF 600

Art. No. 5038931

Type	Description
Ultraflux® AV600S	Ultraflux® haemofilter, steam-sterilised, 1.4 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Cassette	Pre-assembled cassette with arterial, venous and filtrate systems
Substitute System multiFiltrate	Substitute system with integrated heater bag
Dialysate System multiFiltrate	Dialysate system with integrated heater bag

multiFiltrate – Kit midi CVVHDF 400

Art. No. F00003317

Type	Description
Ultraflux® AV400 S	Ultraflux® haemofilter, steam-sterilised, 0.75 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate midi AV-Set	Volume reduced arterial and venous blood line set for use with multiFiltrate in adult treatment mode, filling volume 83 mL
Substitute System multiFiltrate	Substitute system with integrated heater bag
Dialysate System multiFiltrate	Dialysate system with integrated heater bag
Filtrate System multiFiltrate	Filtrate system

multiFiltrate – Kit CVVHD EMIc®2

Art. No. F00001173

Type	Description
Ultraflux® EMIc®2	Ultraflux® haemofilter, steam-sterilised, 1.8 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Cassette	Pre-assembled cassette with arterial, venous and filtrate systems
Dialysate System multiFiltrate	Dialysate system with integrated heater bag

multiFiltrate – Kit 3 CVVHD 600

Art. No. 5038921

Type	Description
Ultraflux® AV600S	Ultraflux® haemofilter, steam-sterilised, 1.4 m ² surface area, Fresenius Polysulfone® membrane
multiFiltrate Cassette	Pre-assembled cassette with arterial, venous and filtrate systems
Dialysate System multiFiltrate	Dialysate system with integrated heater bag

Acute Therapy Systems

multi**Filtrate**PRO

A perfect fit for every team



Ci-Ca®  multi**Intense**Care



**FRESENIUS
MEDICAL CARE**

High-quality disposables

The device set-up is particularly easy and user-friendly due to preconfigured treatment cassettes, designed for use with self-inserting pumps.



Complete cassettes:

Easy set-up without additional tubing

All tubing relevant for the selected therapy is built up on the cassette as applicable:

- Access and return blood lines
- Citrate and calcium lines integrated and fixed to the access and return bloodlines respectively
- Dialysate, substitute and filtrate lines

Improved tubing:

Reduced extracorporeal blood volume

- 115 mL for the Ci-Ca® cassette
- 116 mL for the heparin cassette
- Uniform colour-coding to prevent set-up failure

The clearly structured and well laid-out extracorporeal blood circuit enables a quick set-up of all components.

Treatment kits at your disposal:

All you need in one box

The high quality of our products is an important prerequisite for the reliability of each treatment. Every component of the kit is designed for convenient operation and usability in order to reduce stress and workload.

Each treatment kit contains the tubing you need for the respective treatment – and nothing more. This helps to protect the environment and to save you costs.

Product	Art. No.	Surface volume/description
multiFiltratePRO – Kit HDF 1000	F00000461	1.8 m ² Ultraflux® AV1000S with preassembled multiFiltratePRO HDF Cassette, 246 mL total blood volume
multiFiltratePRO – Kit Ci-Ca® HD EMiC®2	F00000462	1.8 m ² Ultraflux® EMiC®2 with preassembled multiFiltratePRO Ci-Ca® HD Cassette, 245 mL total blood volume
multiFiltratePRO – Kit Ci-Ca® HD 1000	F00000463	1.8 m ² Ultraflux® AV1000S with preassembled multiFiltratePRO Ci-Ca® HD Cassette, 245 mL total blood volume
multiFiltratePRO – Kit Ci-Ca® HDF 1000	F00005329	1.8 m ² Ultraflux® AV1000S with preassembled multiFiltratePRO Ci-Ca® HDF Cassette, 245 mL total blood volume

Well-concerted CRRT solutions

To maintain the patient's electrolyte levels in the desired physiological range, it is necessary to use fluids with the right compositions. As one option, haemofiltration solutions suitable for heparin anticoagulated CRRT are available.

Specific fluids for Ci-Ca[®] anticoagulation

Especially in case of Ci-Ca[®] anticoagulation, it is essential to use CRRT fluids which are well-concerted with each other in order to avoid side effects. With multiple Ci-Ca[®] Dialysate compositions and a 4% citrate solution, we offer suitable solutions for your prescriptions when using citrate anticoagulation.



Colour-coded connectors:

Ci-Ca[®] dialysate clearly distinguished

The correct application of Ci-Ca[®] Dialysate is guided by yellow connectors, both on the fluid bag as well as on the respective dialysate lines. In case of Ci-Ca[®] postCVVHDF, this also helps to prevent mixing up dialysis and substitution solutions.



Please contact your Fresenius Medical Care representative in case you want to receive details about our CRRT fluids.