

QUICK REFERENCE GUIDE

Carpediem™ cardio-renal pediatric dialysis emergency machine

THERAPY OPTIONS

- CVVH (pre or post)
- CVVHD
- SCUF

PATIENT WEIGHT 2.5–10 kgs

Operating parameters

Maximum treatment time	24 hours
Maximum total weight loss	2000 g
Blood flow rate	2–50 mL/min
Infusion/dialysate pump flow	Up to 10 mL/min (depending on modality)
Effluent pump flow	Up to 15 mL/min (depending on modality)
Weight loss accuracy	+/- 30 g in 24 hours
Maximum scale load capacity	2.4 kg (2400 g)

Dual-chambered dialysis solution bag

Bicarbonate	32.00 mmol/L (32.00 mEq/L)
Potassium	2.50 mmol/L (2.50 mEq/L)
Sodium	140 mmol/L (140 mEq/L)
Calcium	1.50 mmol/L (3.00 mEq/L)
Phosphate	0
Magnesium	0.75 mmol/L (1.50 mEq/L)
Chloride	115.00 mmol/L (115.00 mEq/L)
Lactate	0
Glucose	5.55 mmol/L (1 g/L)
Acetate	0
Theoretical osmolarity	297 mOsm/L

Preassembled Blood-set

Filter model	HCD 015	HCD 025
Total priming volume (ml)	32	41
Filter surface area (m ²)	0.16	0.29

NOTE: For complete system details, including product and important safety information such as indications, contraindications, warnings and precautions associated with the system and its components, refer to the Carpediem System Operator's Manual and the respective system component's Instructions for Use. Rx Only.

© 2021 Medtronic. All rights reserved. Medtronic, Medtronic logo and Further, Together are trademarks of Medtronic. All other brands are trademarks of a Medtronic company. 09/2021–US-RC-2100054–[WF#5591328]

15 Hampshire Street
Mansfield, MA 02048 800.635.5267 [medtronic.com/covidien](https://www.medtronic.com/covidien)



Definitions of terms and abbreviations

Arterial line	Preassembled Blood-set line that takes blood from the arterial line Luer-lock (red) to the filter/dialyzer
Arterial pressure	Pressure between patient arterial connection and blood pump inlet, measured by the arterial pressure dome; should always be a negative pressure
BLD	Blood leakage detector
Dome	Pressure transducer
Drop pressure	Pressure calculated between the pre-filter and venous pressure domes, indicative of filter clotting
EFF	Effluent
INF/DIA	Infusion/dialysis
Profile variance	Weight loss profile control error (ie: scale not reading the expected weight); mutable alarm, if not resettable requires a scale calibration and signifies a +/- 6g weight loss error (maximum)
Venous line	Preassembled Blood-set line that returns blood from the filter/dialyzer to the venous line Luer-lock (blue)
Venous pressure	Pressure between filter/dialyzer outlet and patient venous connection, measured by the venous pressure dome
Weight variance	Scale not reading the expected weight; mutable alarm often caused by bag movement or oscillation, immediately resettable, does not require a scale calibration

Medtronic