

Clinical Specifications

IHD, SLED
and CRRT*
all in a single
device

Quanta™
Dialysis
System



QUANTA™

Clinical Specifications

Unlock the ability for your acute setting to perform IHD, SLED and CRRT* all in a single device with the Quanta™ Dialysis System.



Flow Rates

Blood	50 – 450 ml/min
Dialysate	50, 100, 200, 300, 500 mL/min
Ultrafiltration	Up to 1.5 L/hr

UF Controls

Volume-Based Control	Up to 6 L
Rate-Based Control	Up to 1.5 L/hr
Isolated UF / SCUF	Available

Treatment Time

Time on Therapy	0.5 – 24 hrs
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Routine Cleaning

Requires a single 1-hr hot rinse every 7 days

Dialysate

Acid Type	45x (1K to 4K)
Bicarbonate Target	32 mEq/L
Sodium Control	135 – 145 mEq/L
Dialysate Temperature	35.0 – 37.5°C

Blood Line Volume

Bloodlines Tubing Set Volume	165 mL (excluding dialyzer)
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Mid-treatment Adjustments

Blood Flow Rate
Dialysate Flow Rate (Rate-Based)
Acid Type
UF Rate (Rate-Based)
Sodium
Isolated UF (i.e., UF Only)
Treatment Time (Volume-Based)
Dialysate Temperature

Contact Quanta to learn more.

quantadt.com | enquiries@quantadt.com

*Indication For Use: FDA 510(k) K222067

The Quanta Hemodialysis System (Quanta Dialysis System) is indicated for use in patients with acute and/or chronic renal failure, with or without ultrafiltration, in an acute or chronic care facility. Treatments must be administered under physician's prescription, by a trained person who is competent in the use of the device. Treatment types available include: Intermittent Hemodialysis (IHD), Sustained Low Efficiency Dialysis (SLED/ SLEDD), Prolonged Intermittent Renal Replacement Therapy (PIRRT), Isolated Ultrafiltration including Slow Continuous Ultrafiltration (SCUF) and Continuous Venovenous Hemodialysis (CVVHD).

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