

More than a purchase—an investment in your patients and you

B. Braun Renal Therapy





PROVIDERS ARE OUR PURPOSE

B. Braun is a leader in renal therapy, water treatment systems, patient and provider safety, and sustainable health solutions.

We're committed to helping providers constantly improve patient satisfaction and outcomes. With a full line of dialysis products and service solutions created to help healthcare professionals focus on what matters most—their patients—B. Braun is uniquely positioned to help your facility succeed now and in the future.

WHY B. BRAUN RENAL THERAPY

Empowering providers to continuously improve patient satisfaction and outcomes.



EFFICIENCY

Our innovative product design can lead to lower total cost of ownership



PARTNER

We are focused on provider safety and better outcomes for patients



PROCESS IMPROVEMENT

We can help improve processes through green dialysis products



ACCOUNTABILITY

Our renal experts can add value and help expand your team's capabilities



INNOVATIVE DESIGN, LOWER COST OF OWNERSHIP

B. Braun has implemented several unique technologies and serviceability feature sets in its Dialog^{+®} *Evolution* Hemodialysis System that are designed to improve clinical workflow, increase useful life, reduce parts utilization, facilitate ease of repair and decrease frequency of preventive maintenance.



Real-time dose monitoring

All Dialog⁺ Hemodialysis Machines can be equipped with B. Braun's proprietary Adimea[™] Technology, which uses spectroscopy to measure the UV absorption in the spent dialysate, providing an accurate online measurement of Kt/V during the dialysis session and a prospective measurement of treatment adequacy.

- Helping to achieve best-in-class efficiency by allowing you to choose the right sized dialyzer and the correct amount of dialysate
- Unlike conductivity sensors in other hemodialysis machines, Adimea Technology does not require sodium boosts or input of patient metrics during treatment and can be used in patients with hypertension^{1,2}
- Overcoming the limitations of diagnostic blood draws and conductivity sensors, Adimea Technology provides real-time updates every three minutes, enabling real-time interventions during treatment to ensure the required Kt/V levels are achieved for reimbursement³



Superior clinical workflow

Dialog⁺ Hemodialysis Machines automatically pre-tests both the internal and external circuits for efficacy. Treatment will not continue without positive test results.² Dialog⁺ Hemodialysis Machines' user interface includes pre-built ultrafiltration profiles designed to decrease setup time without limiting treatment flexibility.²



Proven health economic value

Dialog⁺ Hemodialysis Machines require a preventive maintenance every two years instead of every year with competitor machines.^{2,4}

An analysis of more than 7,000 machines over a five-year ownership cycle demonstrated:

More than 430 days

average mean time between failure²

Less than \$280 per year

total repair and maintenance cost per machine² (including average preventive maintenance)





SAFER FOR YOU, BETTER OUTCOMES FOR YOUR PATIENTS

B. Braun's Streamline® Airless System Sets introduce significant innovations in blood set technology that eliminate blood-air contact⁵ that could lead to increased clotting⁶ and incorporate needle-free technology, leading to a reduced potential for needlestick injury.⁵ Customers that have adopted this technology have been able to decrease utilization of heparin and increase adequacy by improving blood flow.⁷



Airless technology

Streamline Airless System Sets replace the conventional pressure transducers used in traditional bloodlines with a novel airless arterial and venous pressure POD (Pressure Oscillating Diaphragm), which transmits pressure to the machine sensors through a monitor line.

- No transducer protectors are required in this set as the internal diaphragm acts as an impermeable blood barrier
- POD technology decreases the chances of blood breaching into the machine, which would require the machine to be taken out of service for decontamination⁸

Streamline Airless System Sets also replace venous drip chambers with a patented airless venous vortex chamber. Unlike conventional chambers that require air gaps for pressure measurements, the vortex chamber runs filled with blood. To prevent splashing and the formation of stagnant blood compartments along the sides, blood enters the chamber in a horizontal vortex flow.



Needle-free access

Streamline Airless System Sets employ proprietary LockSite® Needleless Access Ports to minimize needle usage and reduce the risk of needlesticks.⁸ With its unique locking system, the syringe may be left on the circuit during treatment for medication delivery as well as for simple blood draws.



Pressure POD technology measures arterial and venous pressures without any air/blood contact



ECO-FRIENDLY AND SUSTAINABLE GREEN DIALYSIS PRODUCTS

B. Braun's dialysis products and water treatment systems can decrease the use of harsh chemicals, lower consumption of water, reduce waste and improve energy efficiency. Take advantage of a low dead-space design and heat disinfection, including both the water treatment system and hemodialysis machines in a dialysis center loop.



Aquaboss® and AQUAbase® **Reverse Osmosis Systems**

Disinfection without chemicals combined with impulse backwash technology can save time, water usage and cost of chemicals.² Impulse backwash technology can allow the membrane to last longer.² Plus, we offer customizable solutions for water purifications from 250 L/h up to 3,600 L/h.²





Dialog^{+®} Hemodialysis Machines

Automatic stand-by conserves water and concentrates usage, allowing an average size dialysis clinic to reduce consumption by up to 30,000 gallons per device.*2

Internal disinfection without chemicals requires just citric acid and heat, eliminating the need for a weekly bleach disinfection.²

*12 therapies per week, 52 weeks per year



Airless System Set

A simplified tubing design is optimized for tubing length and is designed to eliminate most of the spaghetti loops of conventional tubing while remaining compatible with existing dialysis machines.

All functions of a conventional bloodline are maintained with Streamline Airless System Set, but with reductions in extracorporeal blood volume, weight, packing density and number of bond joints, reducing medical waste and storage needs by 30%.8





OUR RENAL EXPERTS CAN HELP EXPAND YOUR TEAM'S CAPABILITIES

B. Braun has one of the largest installed bases of dialysis equipment globally with more than 115,000 hemodialysis machines and 1,350+ water treatment systems.² Our expert team of clinical educators, biomedical engineers and installation technicians become an integral part of your team—partnering with you throughout the lifecycle of your product and accountable for its success.



Training excellence center

Included in your purchase, the ownership experience starts with a training session for your biomedical engineering staff at our expansive training center in Pennsylvania. Working side-by-side with B. Braun's experts, all technical training, preventive maintenance and repair procedures are learned and reinforced.



A seamless installation experience

Our installation team will be on site well in advance of clinician training to ensure your go-live happens on schedule and all equipment and systems are working perfectly. After installation, B. Braun will continue to work with you, utilizing the field service utility tool to analyze machine trends to identify potential issues and recommend improvements.



We provide clinical and technical support and medical information on demand when you need it.

- Access to 30+ technical and clinical experts with hundreds of years of experience before, during and after the implementation
- Free access to "Webinar Week" each month with three scheduled webinars on customer-requested technical and clinical topics
- Service Portal with access to an online library of all approved technical documentation

Practical clinical education tailored to you

Two phases of clinician training are part of every new equipment installation—a virtual pre-training followed by four days of onsite training that includes both didactic and hands-on chairside precepting. B. Braun also provides monthly clinical webinars to help clinicians optimize their use of B. Braun's proprietary technologies, such as real-time dose monitoring and patient profiling, to ensure workflow is optimized and outcomes benchmarks are achieved.









Ready to partner with us?

Contact your B. Braun representative today. For more information, visit www.bbraunusa.com/renal.

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9 Mar Cor Purification 23G-Series Reverse Osmosis System Operation and Maintenance Manual. Mar Cor: A Cantel Medical Company. 2016:8-9.