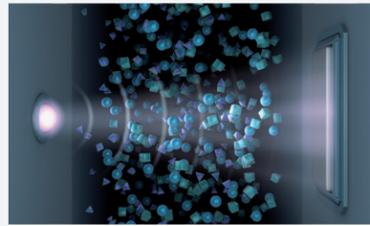




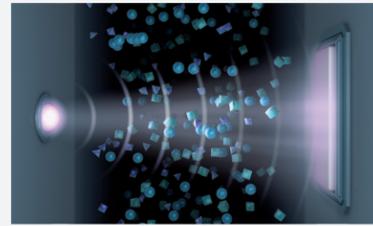
## DIALOG+<sup>®</sup> *EVOLUTION* HEMODIALYSIS SYSTEM

BETTER DIALYSIS DOESN'T JUST COME FROM A BOX.  
IT'S BUILT FROM BETTER PRODUCTS, BETTER PARTNERSHIPS, AND BETTER SUPPORT.

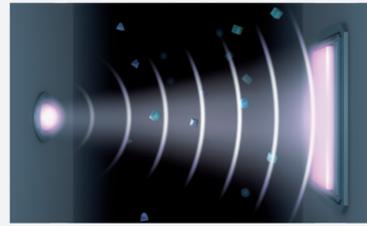
## DIALOG+<sup>®</sup> EVOLUTION HEMODIALYSIS SYSTEM FEATURES WITH ADIMEA™ DOSE MONITOR



Beginning of treatment



Middle of treatment



End of treatment

### Adimea™ Real-time Dialysis Dose Monitoring System

Provides a continuous, real-time measurement of dialysis dose (Kt/V or URR). Ultraviolet light is used to measure the change in the concentration of uremic substances in the spent dialysate. Dialog+ graphically displays the Adimea curve, and the user can interpret if the target Kt/V will not be achieved, and, thus, interventional actions may be taken to improve the treatment outcome within the prescribed dose.

Adimea can be used to measure the dialysis dose for every treatment. With this information, the user can take steps to ensure the prescribed dose is achieved.

No additional disposable is required. Only the patient's pre-dialysis weight and target Kt/V value need to be entered.

[BBraunUSA.com/Adimea](http://BBraunUSA.com/Adimea)



### Streamline® Airless System Set

- The airless pressure-transmitting assembling is designed to eliminate blood-air interface
- Simplified tubing design
- Locksite® needleless access

### Designed for Comfort Automatic Blood Pressure Measurement (ABPM)

The ABPM in the Dialog system can measure blood pressure during inflation which may add to a patient's comfort during therapy.



### Diacap® Ultra Filter

Produces highly pure dialysate to reduce the risk of contaminated dialysis fluid and its associated complications. Diacap® Ultra is the recommended dialysate filter for use on the Dialog machine.

### Bicarbonate Cartridge Holder

Allows the use of the Solcart B® bicarbonate cartridges for dispensing of bicarbonate.

### Patient Therapy Card Reader

The therapy card stores the patient's machine settings to allow for quick and accurate setup. Adimea data is also stored on the Therapy Card so past Adimea results can be viewed while the patient is being treated. Adimea Kt/V trends can be reviewed so the user can see how the patient's dialysis dose has changed over time.



## DIALOG+<sup>®</sup> EVOLUTION HEMODIALYSIS SYSTEM FEATURES

### Advanced Technical Support & Maintenance Mode (TSM)

- Allows technician to test internal components
- May reduce troubleshooting and preventive maintenance time
- Provides Service History Information
- Graphical display provides overview of sub-system components
- Configuration screen allows technician to set default treatment values and modes

### Advancement in Technology

- Convenient circuit board placement
- Access to internal components
- Dual control system designed to provide redundancy and security
- Heat exchanger and heating system for improved power efficiency

### Disinfection Cycles

Chemical, Thermal, Decalcification, Citric/Thermal Cycles with programmable dwell times and user-definable short programs. Concentrate wands are loaded into machine and disinfected during the selected cycle.

### User Interface Characteristics

- High Resolution (1024 x 768) Touch Screen combined with off screen Hard Keys.
- Icon Driven User interface
- On-screen HELP functions
- Automatic Dialyzer Rinsing Program
- On-Line Trending Graphs
- On-Line Technical Data

### Defining Features

- User-definable Profiles for UF, Na, Bicarb, Dialysate Flow, Temperature, and Heparin
- Patient Therapy Card Reader for patient-specific parameters for use in subsequent treatments
- Auto On/Off timer - machine will automatically turn off after completion of a disinfection cycle and automatically turn on at the programmed time
- BIC Holder for Solcart B® cartridges

### Quieter Machine

The Dialog+<sup>®</sup> Hemodialysis System is equipped in the following way to help reduce sound emissions:

- Pumps are mounted on rubber brackets.
- Machine fan does not cycle during treatment; only during disinfection cycles.

Reducing sound emission provides a quieter environment for both the patient and the dialysis staff during treatment.

### Patient care begins with Dialog+<sup>®</sup>

[BBraunUSA.com/Dialog](http://BBraunUSA.com/Dialog)

## Icon-Based Machine Operation



### Standby Mode

Stops dialysate flow at the end of preparation to prevent waste of water and concentrates. Particularly useful when a patient is not immediately ready for treatment.



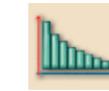
### Technical Overview

An overview of machine's sensors, measuring devices, and valves is available in real time. This allows the technician to troubleshoot possible machine issues while the problem is actually occurring. This screen is designed to allow for effective phone support.



### Auto On-and-Off

Dialog+ can be programmed to automatically turn on and start pre-programmed selections such as the disinfection cycle mode and start preparation mode for therapy.



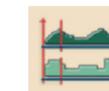
### Profiling Capability

UF, Na, Bicarb, Dialysate Flow, Temperature, and Heparin Parameters can all be profiled.



### Event Timer

An individualized event, such as a time to give patient medication, can be programmed to sound a reminder alarm during treatment.



### Call History and Trend Data

Graphic representation of different parameters of therapy course. Can hold up to 20 previous treatments.



### List of Stored Adimea™ Curves

Stores data for up to 12 therapies without the patient card reader, and up to 50 therapies with the card.

For more information, contact a B. Braun Renal Therapies Division representative at 1-800-848-2066.

## Technical Data

Physical size of machine: Dialysate Temp. Range: Profiling:	66 in. H x 20 in. W x 25 in. D 33 - 40° C User-definable, Linear, Exponential
Conductivity Range: Profiling:	12.5 - 16 mS/cm Total Sodium and Bicarbonate User-definable, Linear, Exponential
Dialysate Flow Range: Profiling:	300 - 800 ml/min User-definable, Linear, Exponential
Ultrafiltration Range: Profiling:	0 - 4,000 ml/hr User-definable, 20 Pre-set Profiles
Extracorporeal Circuit Blood Flow Range: Settings:	50 - 600 ml/min 10 ml/min increments
Heparin Flow Range: Settings: Profiling:	1 - 10 ml/hr 0.1 or 0.5 ml/hr increments User-definable, Linear, Exponential
Venous Pressure Range: Arterial Pressure Range:	20 - 390 mmHg. Pre- or Post-pump monitoring -400 - +400 mmHg.
Air Detection Red Sensor:	Ultrasonic sensor on venous line initiates an automatic heparin bolus at the beginning of dialysis when blood is detected in extracorporeal circuit. Stops blood pump at the end of dialysis. Venous line – at air detector



B. Braun Medical Inc. | Bethlehem, PA | [www.BBraunUSA.com/Dialog](http://www.BBraunUSA.com/Dialog)