THE
PRISMAFLEX
SYSTEM
No two AKI patients are the same. The diversity of critically ill patients requires individualized care. Unlike Intermittent Hemodialysis (IHD) or Slow Low Efficiency Dialysis (SLED), the Prismaflex System delivers slow, continuous 24-hour treatment for:

- Fluid removal
- Acid-base balance
- Electrolyte balance

The Prismaflex System is the only device that delivers multiple modes of therapy without additional equipment:

- CVVHDF: // continuous veno-venous hemodiafiltration
- CVVHD: // continuous veno-venous hemodialysis
- CVVH: // continuous veno-venous hemofiltration
- SCUF: // slow continuous ultrafiltration
- TPE: // therapeutic plasma exchange

VERSATILITY that Helps Meet Diverse Patient Needs

Continuous therapy designed for small to large molecular clearance

Display of both prescribed and actual therapy dosage

Safety features including fluid measurement and removal are designed to help minimize risk of injury to patient, and reduce alarms and downtime

Efficiency through real-time presentation of data and storage of treatment history to help ensure patient safety, clear understanding of patient status and treatment parameters

Physiologic therapy promotes fluid removal for critically ill patients.

SUPPORT a System Designed for Acute Kidney Injury

Continuous Renal Replacement Therapy (CRRT) for patients weighing 20 kilograms or more with acute renal failure and/or fluid overload.

Therapeutic Plasma Exchange (TPE) therapy for patients weighing 20 kilograms or more with diseases where fluid removal of plasma components is indicated.

The Prismaflex System helps support critically ill patients with Acute Kidney Injury (AKI). When considering patient therapy, safety features and ease of use, the reasons to implement CRRT with the Prismaflex System add up.

TPE on the Prismaflex System

The Prismaflex System can help you meet the demands of multiple therapies with a versatile platform that can be customized to specific patient needs.

The ability to run TPE on the Prismaflex System offers clinicians many features to meet the needs of your patients.
Baxter has led the industry in advancing CRRT. The Prismaflex System is designed for the critically ill patient. Its fluid algorithms help balance patient chemistry with fluid removal for optimal therapy delivery. Clinicians can monitor how much therapy the patient is receiving within 7 mL of fluid accuracy, at any given time.

**ACCURATE Fluid Management**

- Uses a highly accurate, scale-based fluid management system (+/- 300 mL/24 hrs). We recommend a comparison of our accuracy specification to other systems for your consideration.
- Offers fluid removal accuracy through algorithms and self-calibrating fluid scales.
- Monitors accumulated fluid balance/imbalance and adjusts accordingly to help reduce risk of patient injury.

**INTEGRATED Anticoagulation**

- Provides automated and integrated anticoagulation options through the 5th fluid pump (pre-blood pump) and syringes pump.
- Eliminates the need for manual dose programming of ancillary pumps outside the CRRT system.
- CRRT requires carefully balanced anticoagulation, which is administered during therapy in accordance with a physician’s order.

**PROVEN Hemofilter Sets**

- Offers proven performance; AN 69 hemofilters were used exclusively in the RENAL Study.
- Demonstrates middle/large molecule clearance.
- Offers both low to high flow filter sets to help meet your patients’ needs.
- Eliminates requirement for periodic filter flushings.

By providing a wide range of molecular clearances, Baxter hemofilter sets are designed to maximize therapy delivery for critically-ill patients, and help reduce complexity for clinicians.

**MULTIPLE Sterile Solution Formulations**

- Allows for prescription flexibility and acid-base balance using a wide range of bicarbonate buffered solutions with various ionic formulations.
- May help reduce preparation time, waste and potential for medication errors associated with manually mixed products.
- All fluids are packaged in two-compartment bags to ensure solution stability.

With market-leading sterile dialysate and FDA-approved replacement fluids, Baxter is your source for sterile solutions designed for therapy flexibility.
A nurse’s time is precious when observing and caring for patients. The **Prismaflex** System provides automatic adjustments and visual feedback of the system’s condition to help manage patient therapy.

**PATENTED Air Removal Chamber**
- Deoxygenation chamber automatically removes air during therapy to help prevent lost time searching for air, and removing it manually via a syringe.
- Automatic air removal during therapy delivery prevents downtime.
- Automatic air removal eliminates circuit downtime that may lead to premature clotting due to static blood while manual air removal is conducted.

**AUTOMATED Pressure Monitoring and Calibration**
- Provides automatic, real-time tracking of all relevant pressures including filter pressure and transmembrane pressure (TMP).
- Self-checks every two hours to eliminate manual monitoring and calibration of pressure sensors.
- Detects system leaks automatically.
- Automated system checks may help reduce manual nurse intervention.

**INTEGRATED EMR Connectivity**
- Integrates conveniently with most hospital EMR systems, either directly or through a third party.
- Eliminates manual recording and transfer of CRRT treatment data.
- Enables CRRT treatment data download.
- EMR Connectivity promotes improved clinician workflow by helping to reduce manual documentation.

**COMPLETE From Start to Finish**
- All sets automatically load and self-prime.
- Tubing on hemofilter sets are preconnected and color coded for easy visual setup.
- System disposables and effluent never need to touch the floor.
- Back-up battery enables 10+ minutes of uninterrupted therapy delivery upon temporary power disconnect.
- Intuitive on-screen troubleshooting visuals are accessible during setup and therapy delivery.
- Does not require confirmation that therapy bags are draining equally.
- Scale-based systems allow for real-time automated measuring of fluid loss/gain.
Use the complete CRRT system that delivers what patients and healthcare providers need.

Integrated CVVHDF
// The only device that delivers all modes of CRRT without ancillary pumps—and TPE

Accurate fluid management
// Scale-based system with +/- 300 mL/24 hrs

Patented air removal
// Removes air continuously and automatically to help prevent lost time

EMR connectivity*
// Integrates conveniently with most hospital EMR systems, either directly or through a third party

To learn more about the Prismaflex System, please call 800-525-2623.

REFERENCES:
1 Prismaflex Operator’s Manual
5 Culley, C.M. et al., Implementing a standardized safety procedure for continuous renal replacement therapy solutions. American Journal of Health System Pharmacy, 2006; 63:756-63
6 Barletta, J.F., Resource Utilization and Total Cost of Commercially Available versus Manually Compounded Solutions Used for Dialysate in Continuous Renal Replacement Therapy. Hospital Pharmacy, 2008; 43:29-34
7 Internal Data on file
*Please consult with your Baxter Sales Representative for further information regarding validated EMR systems.

Rx Only. For the devices mentioned herein, please refer to the appropriate Operator’s Manual.

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USMP/MG120/14-0011(1)  1000  08/15