

SMART
MEDICAL
SOLUTIONS



Focusing on Life-Saving &
Advanced Solutions for
critically ill patients

TTM (Targeted Temperature Management)
Targeted Therapies. Measurable Outcomes.



Thermogard XP®

The precision of core cooling and the simplicity of surface cooling - all in one platform

- Achieve the best outcome for each patient
- Reliable temperature management
- Automatic adjustments to maintain target temperature within 0.2°C
- Reduced nursing workload of up to 74%

ZOLL®

INHALED SEDATION IN ICU

A Breath of Change. A New Beginning.

Sedaconda[®] ACD

Anaesthetic Conserving Device

Enables the administration of volatile anaesthetics (isoflurane or sevoflurane) to patients in an intensive care setting

- Improve life during and beyond sedation
- Fast and effective
- Rapid and predictable wake-up and cognitive recovery
- Independent of hepatic and renal function



SEPTIC SHOCK

Supporting balance. Protecting what matters.



CytoSorb

Hemoadsorption technology based on polymer bead design

- Extensive clinical experience across multiple indications
- Restoring balance with hemoadsorption through removal of:
 - Cytokines in intensive care and cardiac surgery
 - Bilirubin in liver dysfunction
 - Myoglobin in rhabdomyolysis
 - Antithrombotics during cardiopulmonary bypass

CytoSorbentsTM

SEPTIC SHOCK

Supporting balance. Protecting what matters.



Purifi

Designed for the standalone application of
CytoSorb

- Easy setup
- Intuitive use
- Automated features for maximum convenience

CytoSorbentsTM

SEPTIC SHOCK

Supporting balance. Protecting what matters.

Next-generation extracorporeal blood adsorber

Efferon® LPS

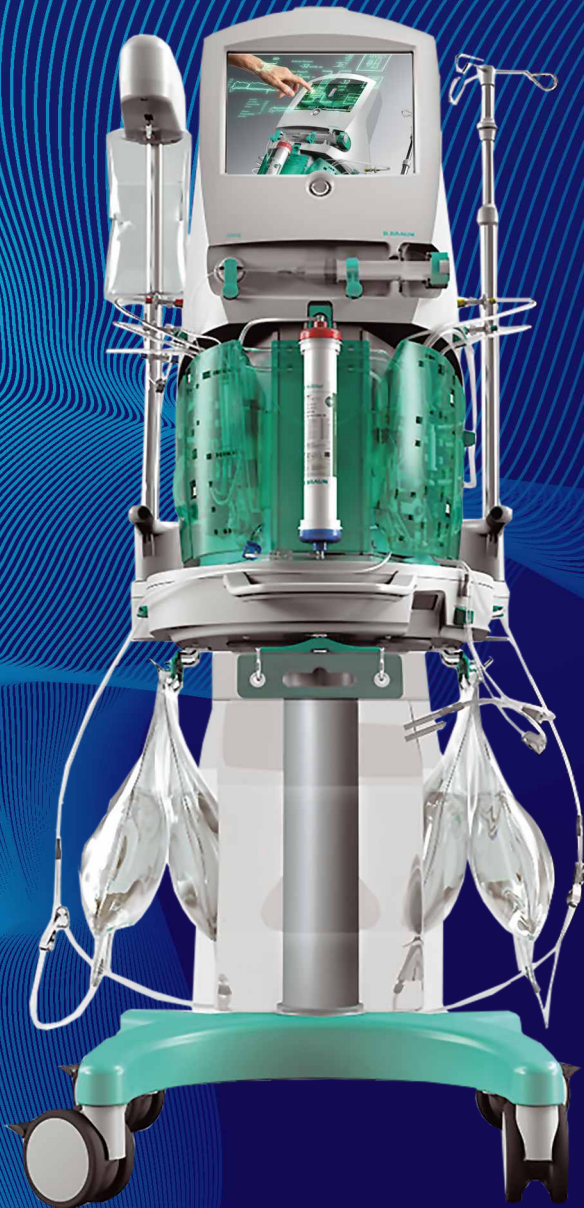
- Sepsis of verified or suspected gram-negative aetiology, including septic shock
- Elevated levels of endotoxin in blood, critical endotoxemia
- Elevated levels of cytokines in blood, "cytokine storm" syndrome

Efferon® NEO

- First multimodal hemoadsorption device approved for use in neonatal and pediatric patients



CRRT (Continuous Renal Replacement Therapy) *Expanded Therapeutic Capabilities.*



OMNI[®] plus

**Versatile platform for multi-organ support and apheresis,
developed for tomorrow, today**

- **Multi-Organ Support Platform:** Supports multiple organ therapies, serving both ICUs and ambulatory centers efficiently
- **Expanded Therapeutic Capabilities:** Enables HP (Hemoperfusion) and (DFPP) Double filtration plasmapheresis therapy options
- **Independent CO₂ Removal Support:** Offers now standalone ECCO₂R support, without the need for kidney support

More flexibility for diverse patient needs. More simplicity and safety in every workflow.

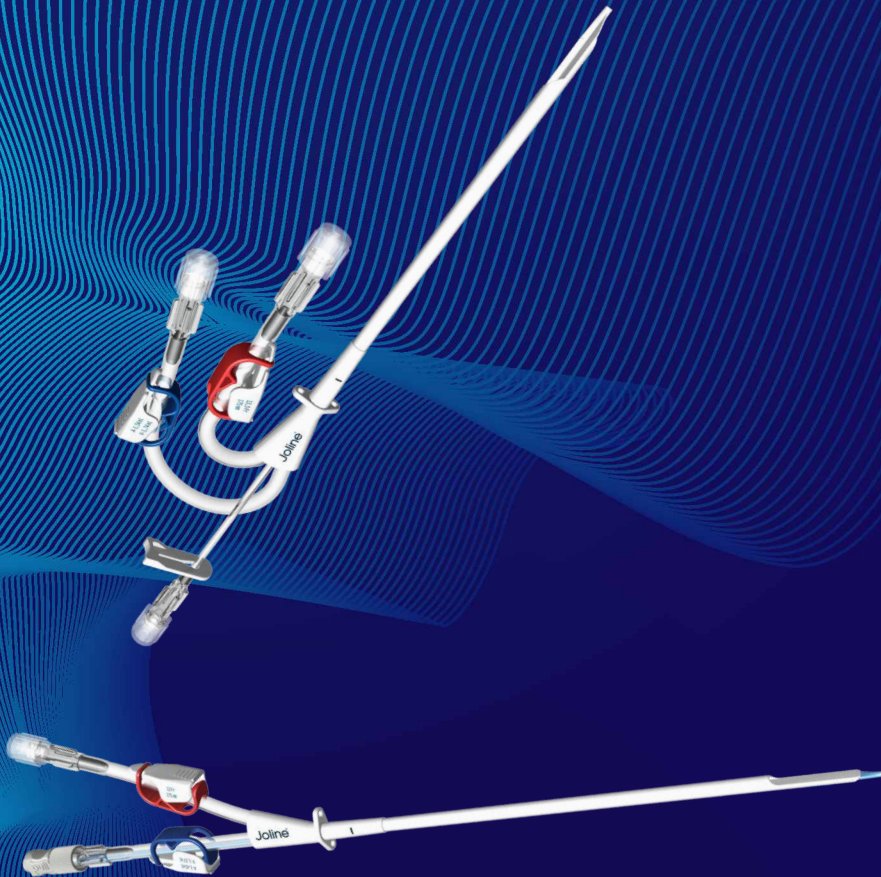
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SHARING EXPERTISE

CRRT (Continuous Renal Replacement Therapy)
Expanded Therapeutic Capabilities.

Joline® Catheters

Long and short-term catheters specifically designed for use in extracorporeal blood purification procedures (continuous renal replacement therapy, apheresis, and intermittent hemodialysis)

- Hub & Tip Design
- Kink Resistant Guidewire
- Safety Clamps
- Catheter's Shaft



Joline® Medical
Technology
Experts in Care.



Where technology meets care – for every critical moment.

smartmedical.ro