

# has a heart and soul

INTEGRATED AND PERSONALISED APPROACH IS THE PRIORITY ROAD TO MULTI-ORGAN FAILURE IN GENERAL, AND ALL DISEASES WITH MORTALITY CRITICAL CARE. INTEGRATION OF MULTIPLE EXTRACORPOREAL CLEARANCE - WIDENS THE THERAPEUTIC OPPORTUNITIES IN CASE OF ORGAN FAILURE.

## The soul of Amplya™: selective clearance

The blood is the part of the body that connects the organs. It enables survival and provides for cell growth and regulation thereby regulating the functionality of each organ. It transports nutrients and allows removing the waste products of cellular metabolism.

Complementary use of filtration and adsorption allows removing from the blood the molecules involved in organ damage without losing noble substances, such as albumin, and can encourage functional recovery of the organ.

AMPLYA™ intervenes in this process by associating the specific treatment with the individual disease.

The soul of AMPLYA™ is an innovative concept born of the Collaborative Research between universities, clinics and the industry.

## EFFICACY AND EFFICIENCY

OPTIMAL CONTAINMENT OF THE PREPARATION SINGLE MACHINE FOR THE WIDEST CHOICE OF ALSO IN MANAGEMENT EFFICACY AND EFFICIENCY.



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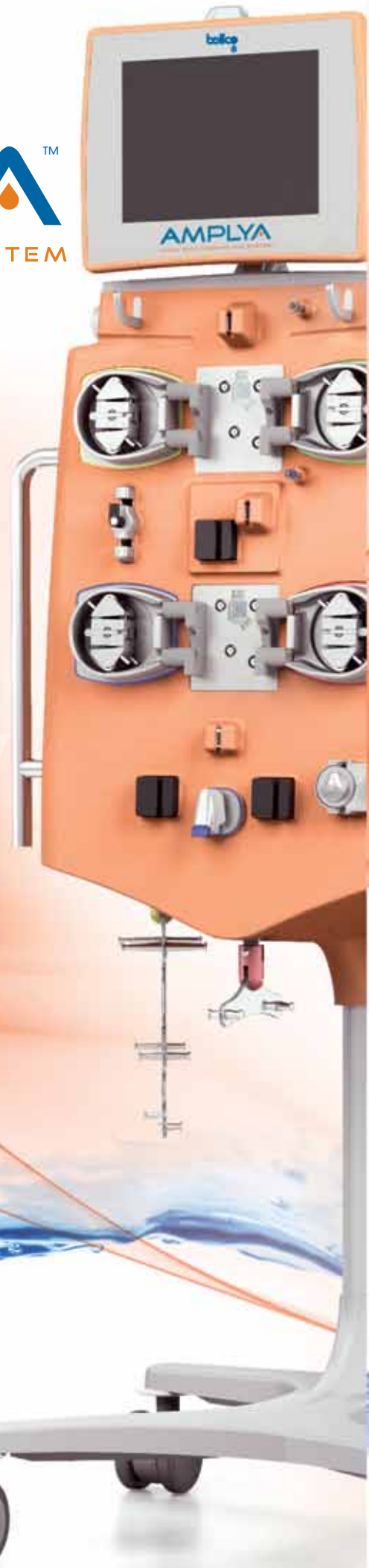
*The right therapy way*



# AMPLYA™

ACUTE MULTITHERAPEUTIC SYSTEM

simply  
"beyond"  
"beyond"



*The right therapy way*

# Therapeutic development

IN CRITICAL CARE, TACKLING ORGAN FAILURES IN REAL-TIME WITH AN EFFECTIVELY FACE DISEASES SUCH AS: SEPSIS, RENAL, RESPIRATORY AND RATES STILL ABOVE 50%. **AMPLYA™** IS A MULTITHERAPEUTIC SYSTEM FOR TREATMENTS - FROM THE MORE CONVENTIONAL TO ADSORPTION TREATMENTS

## **Amplya™ for patients**

*An acute patient in critical care may suffer from often lethal or crippling organ failure or 'multi-organ failure'.*

AMPLYA™ offers acute patients:

- The possibility of receiving the most suitable treatment
- An advanced capability of treatment personalisation and fast intervention
- An advanced support in case of organ failure

## **Amplya™ for critical care operators**

*AMPLYA™ responds to the needs expressed by nursing and critical care staff offering:*

- The simplicity of using one single system for the most varied treatments
- The tranquillity of automated and simple management of complex treatments 24 hours out of 24
- The reduction and optimisation of the number and time of the operations

## **Amplya™ for clinicians**

*AMPLYA™ responds to the needs expressed by clinicians offering:*

- An unprecedented therapeutic choice
- An advanced and targeted personalisation capability
- Complete control of the therapeutic process

## **BEYOND MANAGEMENT**

WITH AMPLYA™, ADVANCED AUTOMATION, AND MANAGEMENT TIMES, AVAILABILITY OF A TREATMENTS MAKE IT POSSIBLE TO "GO BEYOND"

# WHAT

## A wide therapeutic choice

THE HISTORY OF BELLCO IN MANY WAYS IDENTIFIES WITH THE HISTORY OF EXTRACORPOREAL BLOOD CLEARANCE: CONSTANT COMMITMENT AND PASSION AT THE SERVICE OF COLLABORATIVE RESEARCH.

PAYING ATTENTION AND LISTENING TO THE NEEDS OF THE MEDICAL-SCIENTIFIC COMMUNITY TOGETHER WITH KNOW-HOW AND INNOVATIVE CAPABILITY TODAY MAKE IT POSSIBLE TO TAKE ANOTHER STEP FORWARD ON THE ROAD TO EXCELLENCE.

THE CURRENT AND FUTURE CHALLENGES IN CRITICAL CARE REQUIRE INTUITIVE, VERSATILE SYSTEMS ABLE TO RESPOND TO THE CLINICAL NEEDS IN REAL-TIME.

### AMPLYA™: A LIFE-SAVING SYSTEM

AMPLYA™ is capable of performing a vast number of extracorporeal blood clearance treatments with one single circuit.

For each specific disease, an unprecedented integrated therapeutic approach that can aid patient survival and improve the quality of life.

AMPLYA™: a real and complete multitherapeutic system.  
A single platform for multiple options.

- CRRT (SCUF, CVVH, CVVHD, CVVHDF)
- IRR (IHF-HVHF, IHD SLED, IHDF)
- PEX
- CPFA®
- CASCADE FILTRATION
- CO<sub>2</sub> REMOVAL (ABYLCAP & ABYLCAP HD)





# T H E R I G H T T

**AMPLYA**<sup>™</sup>  
ACUTE MULTITHERAPEUTIC SYSTEM

## HOW The added value Amplya<sup>™</sup>

### COMPLETENESS

- Innovative treatments open to new horizons
- All kidney replacement treatments
- Innovative and specific sorbents
- Systemic or locoregional anticoagulation systems
- One single set of lines couplable to six blood filters
- Low- and high-flux treatments
- Direct and continuous hematocrit and oxygen saturation reading
- High treatment autonomy thanks to 3 high-capacity scales

### AUTOMATION

- Double cassette plug & play system
- Fast and safe disposable installation
- Fully automated preparation and treatment
- Personalised CPFA<sup>®</sup> management with controlled servo-assisted flows
- Automatic level control
- Optical self-recognition of the disposable kit
- Over 300 hours of stored data consultable on PC

### INTUITIVENESS

- Touch screen
- Immediate operator interface
- Flexibility in the operating sequence
- One cassette system for all treatments

For patients that may be victims of diseases such as:

**ALI (ACUTE LUNG INJURY); RHEUMATOID ARTHRITIS;  
ARDS (ACUTE RESPIRATORY DISTRESS SYNDROME); COBP  
(CHRONIC OBSTRUCTIVE BRONCHOPNEUMOPATHY);  
CRUSH SYNDROME; HYPERCHOLESTEROLEMIA; ARF  
(ACUTE RENAL FAILURE); MYASTHENIA GRAVIS; MYELOMA;  
MOF: MULTI-ORGAN DYSFUNCTION (RENAL, HEPATIC,  
CARDIAC, PULMONARY AND CEREBRAL); IMMUNE  
COMPLEX DISEASES; SEVERE SEPSIS; SEPTIC SHOCK.**



# HERAPY WAY



**AMPLYA**<sup>TM</sup>  
ACUTE MULTITHERAPEUTIC SYSTEM

# BEYOND

## Selective Clearance: beyond the known patterns

Just as the organism in physiological conditions retains noble substances and eliminates waste products, so selective clearance in pathological conditions can be truly effective if it retains noble substances and eliminates toxic ones.

Develop new clearance technologies, increasingly effective in providing therapeutic support for complex diseases.

This is the commitment of the Collaborative Research of universities, clinics and the industry, also testified by the F.A.R.E. Project: **Filtration and Adsorption Regione Emilia-Romagna.**

