

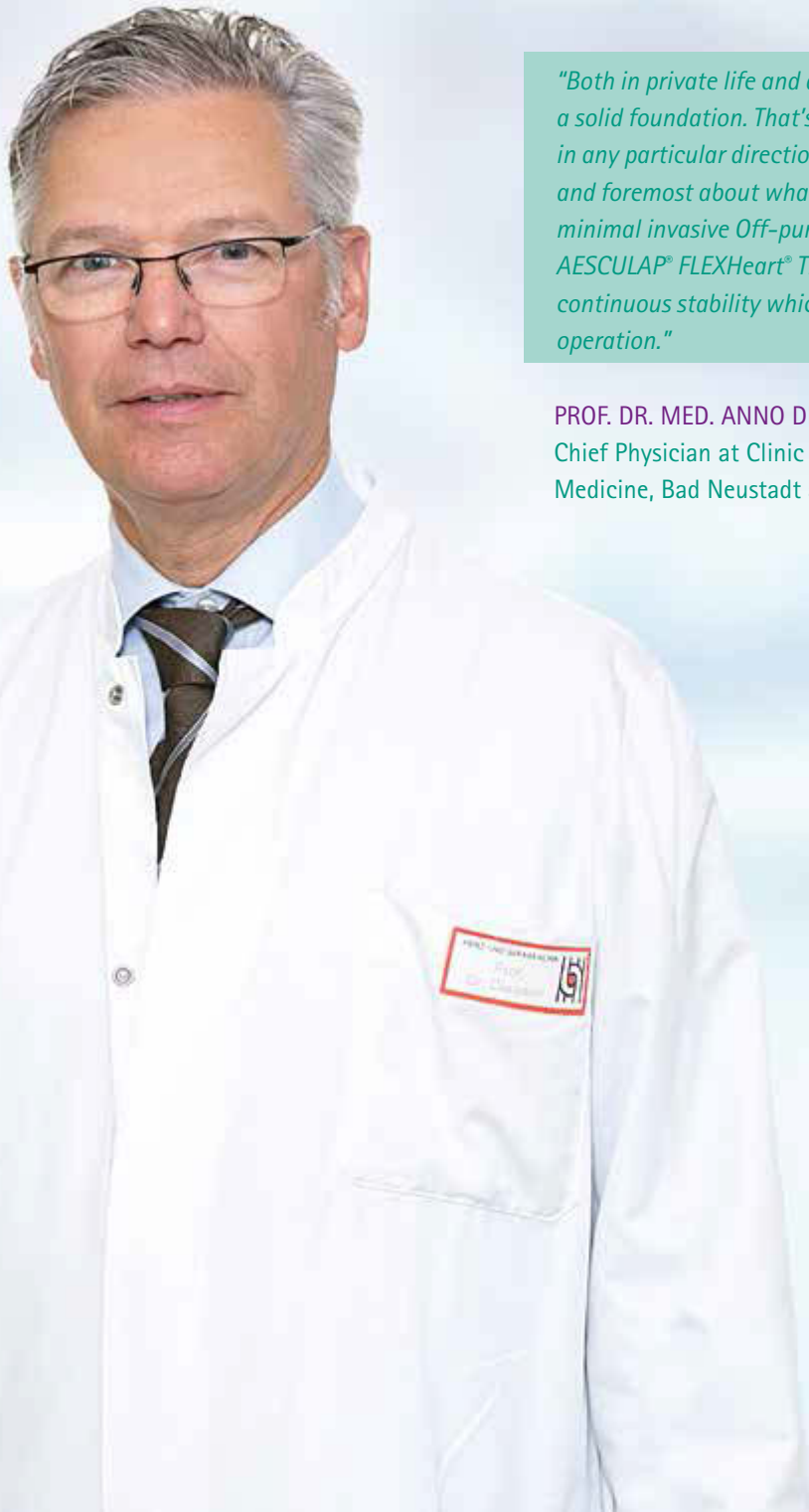
CARDIO-THORACIC  
SURGERY

# AESCULAP<sup>®</sup> FLEXHeart<sup>®</sup> TISSUE STABILIZER

PASSION FOR CARDIAC SURGERY

# AESFULAP® FLEXHeart® TISSUE STABILIZER

PASSION FOR CARDIAC SURGERY



*"Both in private life and at work, it is important for me to have a solid foundation. That's the only way I can feel free to move in any particular direction. When operating, I always think first and foremost about what is best for the patient. I prefer the minimal invasive Off-pump operation (OPCAB) and use the AESFULAP® FLEXHeart® Tissue Stabilizer. It gives me the continuous stability which is the exact thing I need for an operation."*

**PROF. DR. MED. ANNO DIEGELER**

Chief Physician at Clinic for Cardiac Surgery and Cardiovascular Medicine, Bad Neustadt an der Saale, Germany



## FLEXIBILITY DEMANDS STABILITY

Stability, flexibility. A contradiction in terms? Not if you think about it in the right way. How would it be to learn to ride a bike without support wheels? Or to climb without three points of contact? Or yoga without the awareness that you have to regress to progress? AESCULAP® FLEXHeart® Tissue Stabilizer is based on this fundamental idea. Because an OPCAB operation always requires continuously stable devices, no interruptions during anastomosis and situational flexibility.

And the team requires rapid headway, no stress and full concentration on the operation alone. With the new AESCULAP® FLEXHeart® Tissue Stabilizer, new times are on the horizon. This operating system, inspired by surgical practice, remains stable throughout the entire operation. And thanks to single-hand control and free movement at the touch of a button, the

surgeon is able to react flexibly to situations. Medical progress has acquired a new face – stable and flexible.

Follow us on an exciting journey into a new dimension of heart operations. With the new AESCULAP® FLEXHeart® Tissue Stabilizer from the premium solution provider for OPCAB coronary surgery.



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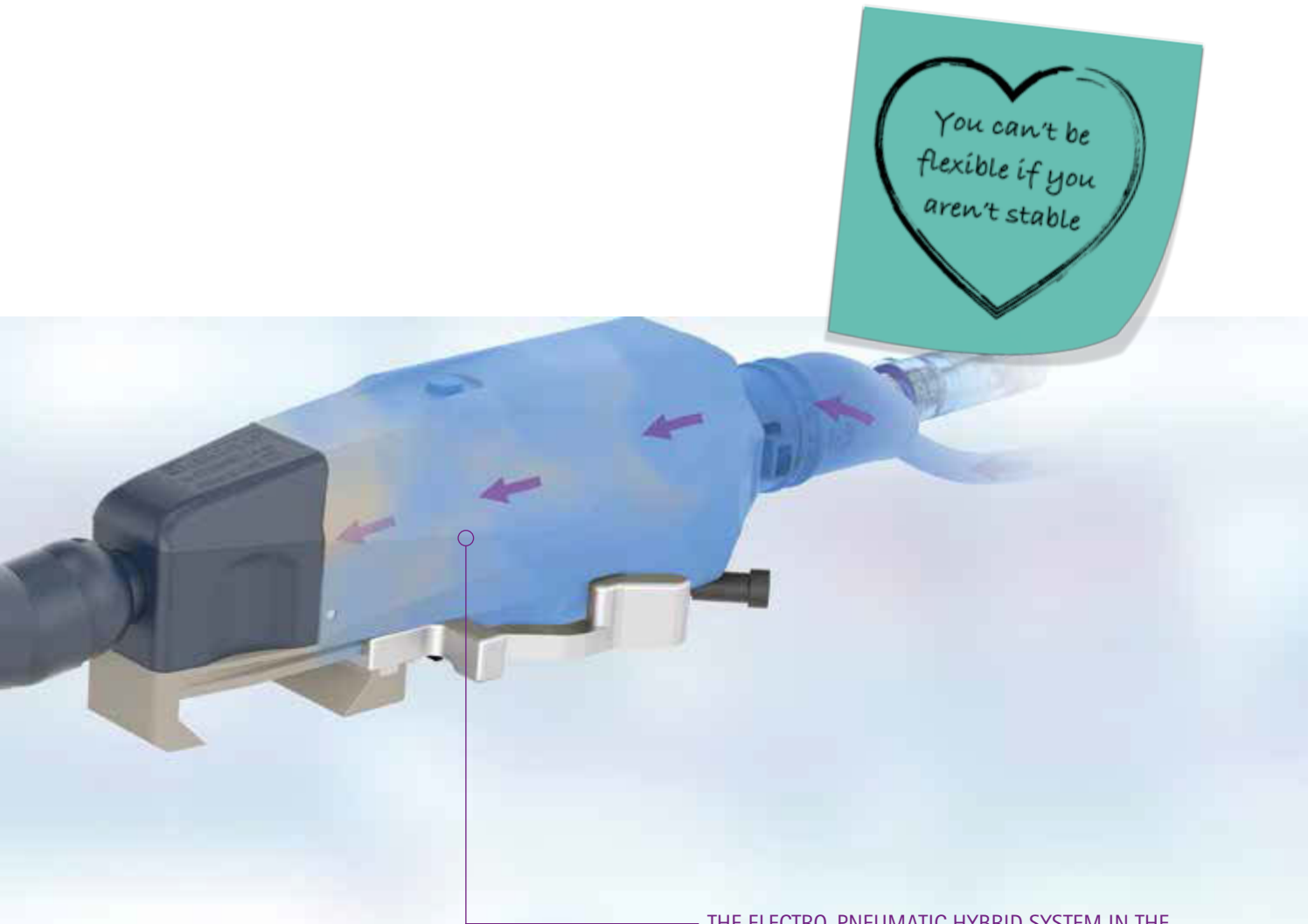
## LASTING STABILITY

Lasting device stability in OPCAB operations has always been one of the biggest challenges. Time and time again, surgeons have been forced to interrupt their work to retighten the devices. They had to use their working hand to rotate the retaining screw on the gripper arm in order to fix the stabilizer in place. This problem has been eliminated with the AESCULAP® FLEXHeart® Tissue Stabilizer.

### EXCLUSIVE EFFECT: ONE HAND REMAINS FREE.

- Continuous device stability during operations
- No manual readjustment of position
- Automatic pressure control and adjustment

The stability of the holding arm and single hand operation enable the surgeon to enjoy OPCAB operations.



THE ELECTRO-PNEUMATIC HYBRID SYSTEM IN THE AESCULAP® FLEXHeart® TISSUE STABILIZER functions by means of button-controlled compressed air. As simple as it's ingenious. When the surgeon presses the button, a CO<sub>2</sub> cartridge forces compressed air into the device and allows mobility in the arm. On release of the button, the air escapes and the arm is arrested in the desired position.

#### STABILITY PERMITS QUICKER PROGRESS

There are moments when worries about a stable, reliable technology should be the last thing on your mind. Moments which need to be dedicated to critical decisions. Where every second is unspeakably important - for life itself.



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## PRESS BUTTON FOR EXCLUSIVE SINGLE-HAND CONTROL

Single-hand positioning. A press of the button allows the arm to make a slight movement. Button release means arrestment in a stable position.

## MOBILE AND SHAPEABLE PADDLES

Shapeable paddles with moveable joint. The paddles can be opened and positioned.

## FLEXIBILITY FOR IDEAL POSITIONING

All features on the AESFULAP® FLEXHeart® Tissue Stabilizer are designed for an optimum operation process and for the high field of action for the surgeon. This new quality is achieved by free positionability in the holding arm and vacuum paddles. And the enhanced visibility also allows precise work even in difficult situations.

## EFFICIENCY: CAREFULLY COORDINATED FEATURES.

- Flexible positioning thanks single-hand control.
- Shapeable paddles with moveable joint
- Stabilizer arm 90° bendable
- High visibility for the operation



You can't be flexible if you aren't stable



**UP TO 90° ANGLE ON HOLDING ARM**

The free movement of the holding arm ensures high flexibility. The facility for complete freedom in angling the arm by up to 90° allows the surgeon to select the best personal working position.

**FLEXIBILITY MEANS FREEDOM**

Only when all parts of a whole are acting together, concentrating on and complementing each other can perfection be achieved. A perfection which allows new discoveries to be made. This is when absence of constraint becomes true freedom – flexibly finding new life paths to tread.



# AESCU LAP<sup>®</sup> FLEXHeart<sup>®</sup> TISSUE STABILIZER

PASSION FOR CARDIAC SURGERY

## ECONOMICAL, DURABLE AND SIMPLE

The AESCULAP<sup>®</sup> FLEXHeart<sup>®</sup> Tissue Stabilizer embodies a coordinated modular system. Sterile and non-sterile parts can be expanded to a functioning overall system.

All single-use parts are supplied in a sterile pack. Both the FLEXHeart<sup>®</sup> clamp in the sterile area and the retractor can be simply reused by means of sterile processing. In the non-sterile area, a disinfectant wipe is sufficient for the FLEXHeart<sup>®</sup> Adapter. Thanks to the reusable parts, the clinic managers benefit from an economical system and the environment will thank you for lower impact.

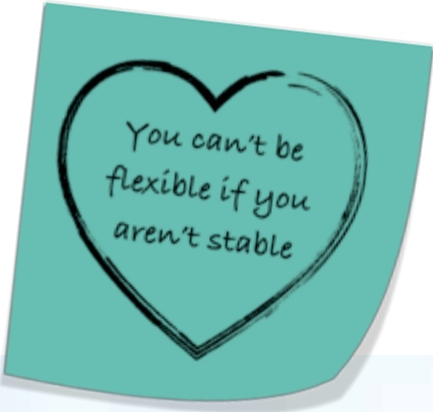
↓ STERILE ↓



## COMPLETE AND STERILE

The sterile pack for single-use components consists of the FLEXHeart<sup>®</sup> Stabilizer, the vacuum hose and the hybrid cable.





**GOOD FOR THE ENVIRONMENT**






The reusable components comprise the CO<sub>2</sub> cartridge adapter, the FLEXHeart® Adapter and the FLEXHeart® clamp for the stabilizer.

↑ **NON-STERILE** ↑




# AESCULAP® FLEXHeart® TISSUE STABILIZER

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ORDERING INFORMATION	ARTICLE NUMBER	DESCRIPTION
	FC560SU	FLEXHeart® stabilizer
	FC561	FLEXHeart® clamp
	FC562	FLEXHeart® adapter
	RT043R	Unitrac CO <sub>2</sub> cartridge adapter
	RT044SU	Unitrac CO <sub>2</sub> cartridge



ORDERING INFORMATION	ARTICLE NUMBER	DESCRIPTION
	FC561205	Sealing plug (spare part)
	FC500R	<p>AtRactor atr. retraction system, Basis Set</p> <p>Set consists of:</p> <ul style="list-style-type: none"> <li>1 x FC501R AtRactor atr. Retractor (without accessories)</li> <li>4 x FC502R AtRactor rotating sheet, straight, 30 x 28 mm</li> <li>4 x FC503R AtRactor rotating sheet, straight, 40 x 28 mm</li> <li>4 x FC504R AtRactor rotating sheet, curved, 30 x 28 mm</li> <li>4 x FC505R AtRactor rotating sheet, curved, 40 x 28 mm</li> </ul>
	FC135SU	<p>Fixing and thread holder for single use</p> <p>Length: 120 mm</p> <p>Width: 18.5 mm</p> <p>Total length: 170 mm</p> <p>1 Box FC135SU: 10 packs of 2 thread holders, sterile</p>

# AESCULAP® OPCAB PREMIUM SOLUTION PROVIDER

FOR CORONARY SURGERY

## SYSTEM SOLUTIONS AS A MATTER OF RESPONSIBILITY

As a service to user and patient, Aesculap, a premium solution provider for OPCAB coronary surgery, offers a complete and coherent range of items. All coordinated and available from a single supplier, giving a friction-free operating process and high patient satisfaction as a result of the high instrument quality.



AESCULAP® Acculan 3Ti

## PERMANENTLY IMPROVING QUALITY OF LIFE

### ■ Partnering

An understanding of users' needs

### ■ Competence

150 years of experience in medicinal products and technology

### ■ Quality

Intelligent alliance of excellent, high-precision products and process-oriented services

### ■ Economy

Combining economy and durability

### ■ Service

Permanent presence with products, services, training courses and seminars

### ■ Innovation

Continuous optimization of innovative medicinal products and state-of-the-art medicinal technology



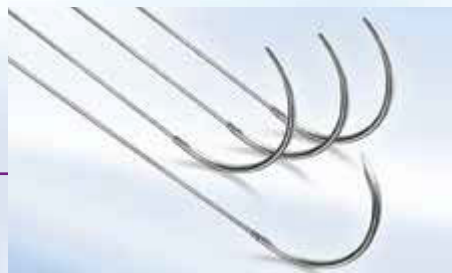
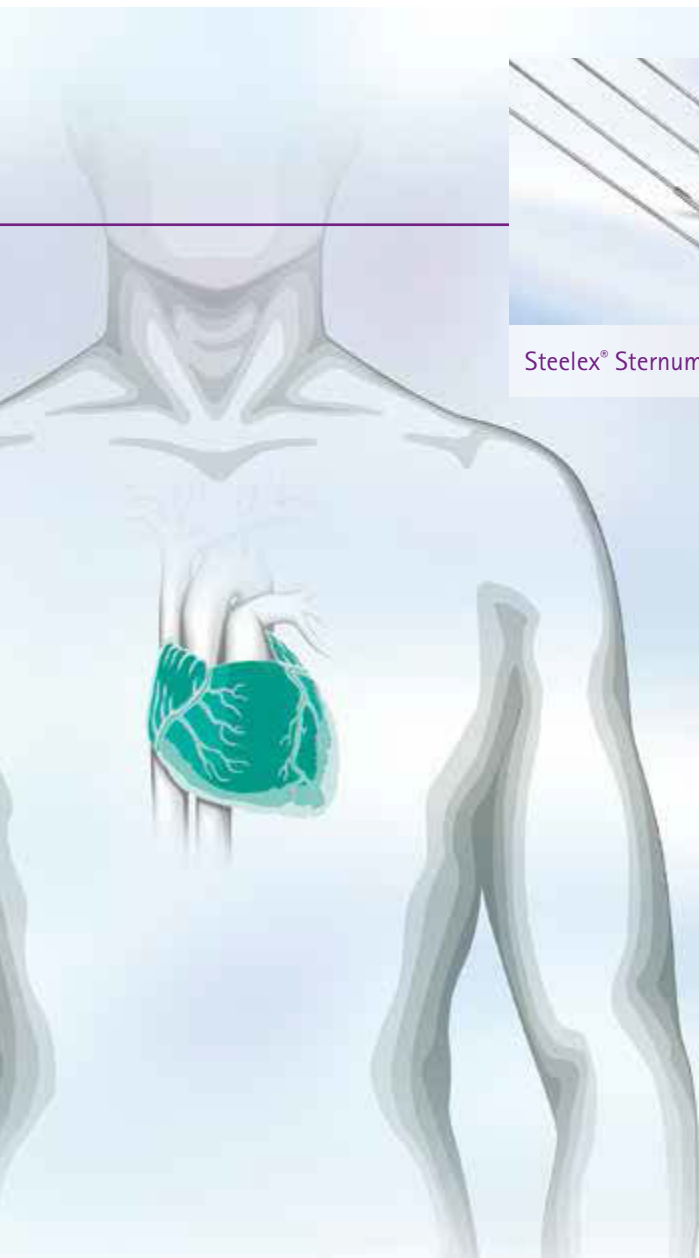
Bone Wax



AESCULAP® AtRactor



Lyostypt®



Steelex® Sternum Set



Optilene®



AESCULAP® NOIR® Suprême  
Micro Instruments



Cellistyp®



AESCULAP® FLEXHeart® Tissue Stabilizer



## DIALOG – DEDICATED TO LIFE.

The Aesculap Academy is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people's health for more than 175 years. With our courses, hands-on trainings and symposia we help to honor our parent company's promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff.

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**B | BRAUN**  
SHARING EXPERTISE

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