

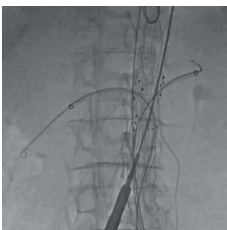


# EndoNaut®

## Vascular 3D Image Fusion

EndoNaut® is a technologically leading 3D image fusion device that allows the physician to perform navigation directly at the interventional table. Intraoperative tools such as predictive simulation of vascular deformation create an outstandingly precise visualization for accurate interventions.

- Adapts easily to the surgeon's operating room
- More confidence, accuracy and visual comfort during procedures
- Controlled by the surgeon right from the interventional table
- Stand-alone, independent system – no cloud connection via Internet required
- Dedicated image fusion workflow for:
  - Aorto-Iliac (AI)
  - Peripheral Procedures (PAD)



2D live fluoro image  
(from the C-arm)



Vascular 3D Image Fusion  
(with EndoNaut®)



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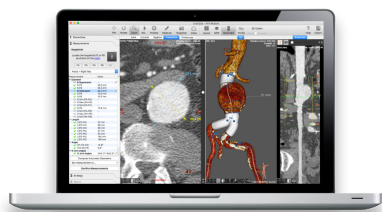
### The Complete Intraoperative Mobile Hybrid Solution

With its powerful 25 kW generator, the Ziehm Vision RFD Hybrid Edition<sup>1</sup> features CMOS technology and a comprehensive dose concept for high image quality and minimized dose, taking any OR to the next level. Requiring zero modifications to existing ORs, this mobile, feature-rich motorized solution is a valuable contribution to any clinic's competitiveness and financial performance. Combined with vascular 3D fusion imaging technology, the solution allows clinicians to achieve more accuracy in demanding procedures. Simply plug in and start your procedures - anytime, anywhere.



### Vascular 3D Image Fusion

The EndoNaut<sup>®3</sup> workstation is an intraoperative navigation system, used by the surgeon for supporting endovascular procedures. Its aim is to reduce X-ray dose and injection of contrast agents. It is compatible with any C-arm in the operating room (fixed/mobile, digital/analog). Two different modules are available: one for aorto-iliac (AI) procedures and the other dedicated to peripheral procedures (PAD).



#### EndoSize<sup>®4</sup>

#### Comprehensive Procedure Planning

Unique software allows the sizing of the arteries in the context of planning endovascular procedures

- **Several modules are available** to suit the different endovascular procedures: EVAR, FEVAR, TEVAR, TAVI, & PAD
- **Control at your fingertips** as the surgeons fully plan the treatment strategies & placement of devices
- **Access all main endografts available on the market** to choose from a uniquely comprehensive catalog containing all the detailed information & order codes
- **Only planning tool on the market** compatible with both PC & Mac



#### Ziehm Vision RFD Hybrid Edition

Powerful mobile C-arm with latest CMOS imaging technology and workflow-efficient motorization

- **Extend your cardiovascular surgical capabilities** with a powerful 25 kW mobile C-arm
- **Take your OR to the next level** with a fully motorized system in all four axes
- **Plug in and start your procedures** with minimal room setup
- **Reduce exposure significantly** without compromising on image quality enabled by the Beam Filtration<sup>5</sup> technology



#### EndoNaut<sup>®</sup>

#### Fusion Imaging System

Real-time navigation with reliable 3D overlay, user-friendly case planning and fusion imaging

- **Decide and perform quicker** with AI-powered fusion imaging technology at your fingertips
- **Make your surgery safer** with reliable 3D CT-based overlay to reduce contrast dose
- **Rely on 3D roadmaps more than ever** by using the exclusive simulation of vessel deformation
- **Connect the Fusion Imaging System to PACS** for a seamless data workflow from planning to navigation

<sup>1</sup> Ziehm Vision RFD Hybrid Edition represents a group of optional hardware and software that creates an option package on the device named Ziehm Vision RFD. <sup>2</sup> CMOSline represents a system configuration that is based on a Ziehm Imaging CMOS flat-panel detector. <sup>3</sup> EndoNaut<sup>®</sup> is a registered trademark of Therenva SAS. In the USA, the EndoNaut<sup>®</sup> software obtained a substantial equivalence determination and FDA clearance through the CDRH premarket notification process [510(k)]. In Europe, the EndoNaut<sup>®</sup> software is CE marked [class IIb], not eligible for reimbursement. The information provided in the labelling and manual is intended for Healthcare Professionals only. For the safe and successful operation and use of the device, always read the instructions. <sup>4</sup> EndoSize<sup>®</sup> is a registered trademark of Therenva SAS. In the USA, the EndoSize<sup>®</sup> software obtained a substantial equivalence determination and FDA clearance through the CDRH premarket notification process [510(k)]. In Europe, the EndoSize<sup>®</sup> software is CE marked [class IIa], not eligible for reimbursement. The information provided in the labelling and manual is intended for healthcare professionals only. For the safe and successful operation and use of the device, always read the instructions. Information provided by the EndoSize<sup>®</sup> software is not intended to support or replace any medical decisions with respect to the patient's medical care. The sole and exclusive responsibility for determining the accuracy, completeness or appropriateness of any diagnostics, clinical or medical information provided by EndoSize<sup>®</sup> resides solely with the healthcare provider. <sup>5</sup> The technology Beam Filtration reduces dose exposure for Ziehm Imaging flat-detector systems in comparison to conventional filtration techniques. Data on file. Results may vary.