The cardiovascular solution for routine and advanced workflows at hand
Comprehensive image-review and measurements

IMAGE-COM provides high performance viewing capabilities for multimodality examinations along with a comprehensive feature set that allows for efficient review of still images and image sequences.

**CLINICAL BENEFITS**
- Fast access (data available in one click), mainly focused for routine monitoring. A study can be reviewed with various functions like different screen tiles, zoom, flip, rotate etc.
- More efficient use of your ultrasound machines, by scanning on modality and measuring in IMAGE-COM.
- Better traceability and transparency of the measurements through a link between each measurement and the corresponding image.

**MAIN FEATURES**

**Imaging review**
- Multi modality viewer
- Vendor neutral 3D/4D MPR viewer
- Fast and flexible composition of relevant image data ensured by intuitive user interface
- All TOMTEC applications can be launched from IMAGE-COM
- Side-by-side comparison (US, XA, NM, IVUS, IVoCT)
- Fully review of Secondary Studies and quick access to prior finalized reports
- AVI, BMP, JPEG or DCM export
- AutoUS measurement value import
- Advanced XA viewer with biplane imaging support, display of ECG, acquisition angles
- Smart link between measurement and image
- Images and worksheet on different monitors
- Workflow support through measurement tools
- Worksheet management
  - up to five values for each parameter
  - avg, first, last, min, max selection
- XA clinical routine analysis for Coronary Stenosis Quantification and Left Ventricle Analysis (auto/manual)
- Measurement export in different formats (auto/manual)
- Cardiovascular measurement packages for 2D echo, M-Mode and Doppler studies
- Quality control for completeness of measurement data

**Improved performance and speed up workflow while increasing diagnostic confidence!**

The IMAGE-COM measurement module provides measurement capabilities for echocardiography and vascular examinations, and for X-Ray angiographic images. IMAGE-COM has been developed to speed up your workflow in the daily routine.

**VALUABLE EXTENSIONS**

**CARDIOVASCULAR ULTRASOUND**

**CARDIAC MEASUREMENTS**
- Complete echocardiographic measurement package with labeled M-mode, Doppler and 3D measurements
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**VASCULAR MEASUREMENTS**
- Comprehensive vascular measurement package with labeled measurements for all major vessels
- Fast, intuitive and reliable solution to analyze intima-media thickness of the carotid artery
- Enhanced display of peripheral vessels with automatic image summation over time and compensation of motion artifacts

**CATHLAB**

**DIGITAL SUBTRACTION ANGIOGRAPHY (DSA)**
- Clinical solution for quantitative coronary analysis based on an automated contour detection and tracking

**3D OPTION IMAGE-COM**
- 3D ultrasound image viewer allows easy navigation and access to advanced quantification tools

**CATH-LAB**

**CARDIOVASCULAR ULTRASOUND**

- AutoLA: Biplane LA volume quantification by just selecting two clips
- AutoSV: Two click: Biplane left ventricular volume quantification with automated contour proposals for EF assessment
- AutoSTRAIN: Quantification of global and regional function, including longitudinal strain, based on automatic contour detection and tracking

**VAScular MEASUREMENTS**
- AutoIMT: Fast, intuitive and reliable solution to analyze intima-media thickness of the carotid artery

**CATH-QLA**
- Cath-QLA: Quantification of left ventricular volumes and function

**CArDiAC MEASurEMENTS**
- Complete echocardiographic measurement package with labeled M-mode, Doppler and 2D measurements

**VASCular MEASurEMENTS**
- Comprehensive vascular measurement package with labeled measurements for all major vessels

**ultrasound (US) and X-Ray Angiography (XA)**
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ABOUT TOMTEC

TOMTEC Imaging Systems GmbH, with headquarter located in Munich, Germany, is a worldwide leader for medical image software solutions. Specialized in cardiology it offers state-of-the-art solutions for clinical customers and industry partners.

The products encompass a wide range of 2D and 3D/4D technology for visualization, automated analysis, quantification, reporting and image management. TOMTEC products are available for adult and pediatric cardiology, obstetrics, gynecology, radiology and vascular diagnostics. Moreover, TOMTEC offers a sustainable full-service component in sales and an education program with best-practice sharing among professionals.

The company claim “Excellence in Digital Healthcare” represents striving for excellent image and analysis quality, ease-of-use, reproducibility of automated measurements and an all-around service- and education offering.

The company maintains close working relationships with many leading universities and research institutes around the world.