SHIMADZU
Excellence in Science

SCORE 3D Workstation
Optional 3D Reconstruction Workstation for Trinias

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	Management System
TÜVRheinland CERTIFIED	ISO 9001:2008
	ISO 13485:2003
	www.tuv.com ID 0091004755

Shimadzu Corporation Medical Systems Division has been certified by TÜV Rheinland as a manufacturer of medical systems in compliance with ISO9001:2008 Quality Management Systems and ISO13485:2003 Medical Devices Quality Management Systems.

Remarks:
- Every value in this catalogue is a standard value, and it may vary a little from the actual at each site.
- The appearances and specifications are subject to change for reasons of improvement without notice.
- Certain configurations may not be available pending regulatory clearance. Contact your Shimadzu representative for information on specific configurations.
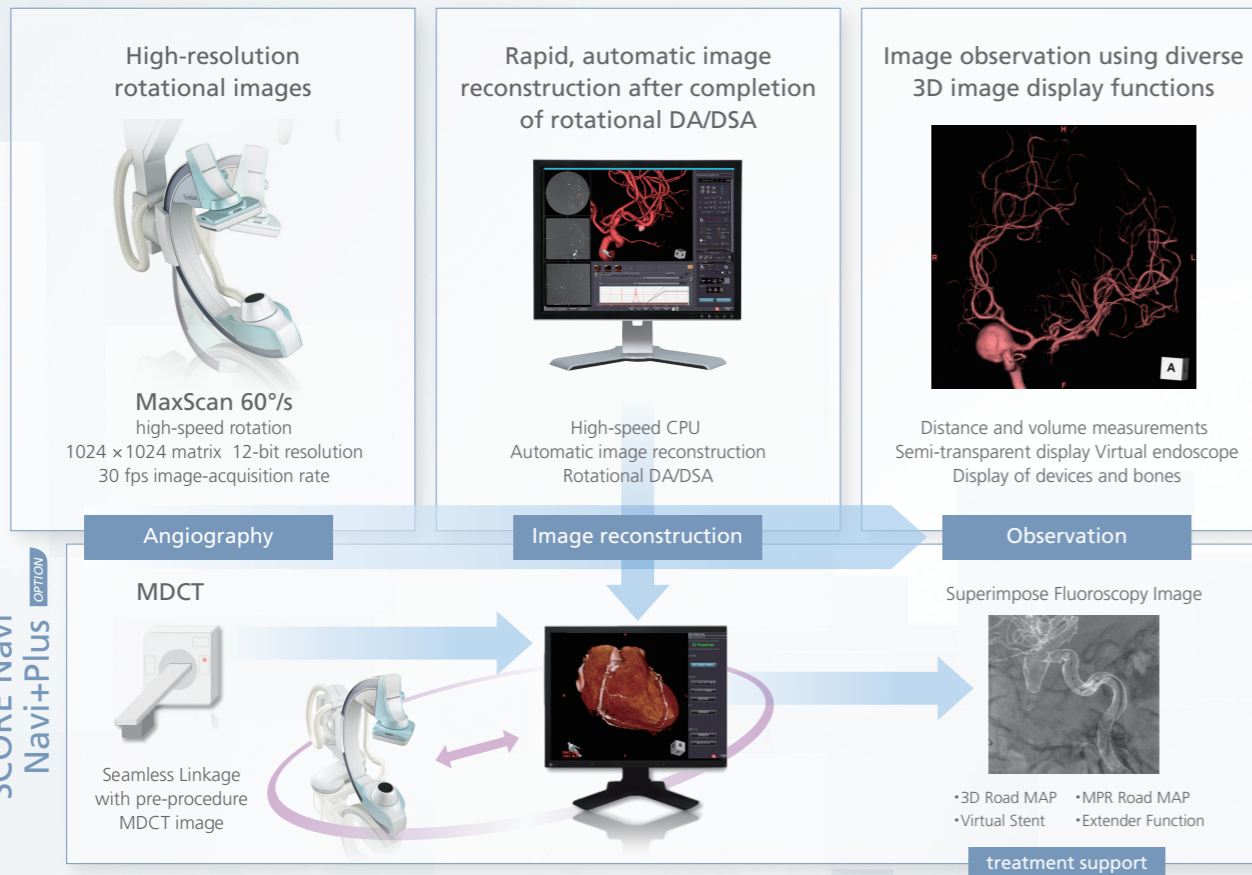- Before operating this system, you should first thoroughly review the Instruction Manual.

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SCORE 3D

High-resolution rotational images

MaxScan 60°/s
high-speed rotation
1024 × 1024 matrix 12-bit resolution
30 fps image-acquisition rate

Rapid, automatic image reconstruction after completion of rotational DA/DSA

High-speed CPU
Automatic image reconstruction
Rotational DA/DSA

Image observation using diverse 3D image display functions

Distance and volume measurements
Semi-transparent display Virtual endoscope
Display of devices and bones

Angiography	Image reconstruction	Observation

3D Road MAP — SCORE Navi Navi+Plus OPTION

MDCT

Seamless Linkage
with pre-procedure
MDCT image

Superimpose Fluoroscopy Image

• 3D Road MAP   • MPR Road MAP
• Virtual Stent   • Extender Function

treatment support

SCORE CT OPTION

Large region covered in single imaging operation using a 16-inch FPD

10/20 rotation   1024 × 1024 matrix
16-bit resolution
30 fps image-acquisition rate

Rapid, automatic image reconstruction after completion of rotational DA/DSA

High-speed CPU
Automatic image reconstruction

Visualization of low-contrast regions such as those containing soft tissues

Axial display   Coronal display
Sagittal display   MIP display

SCORE 3D

The SCORE 3D application allows the rapid display of 3D reconstructed images automatically after rotational radiography.

The 3D image cooperates with C-arm or monitor's image

Register both 3D image and C-arm angle.
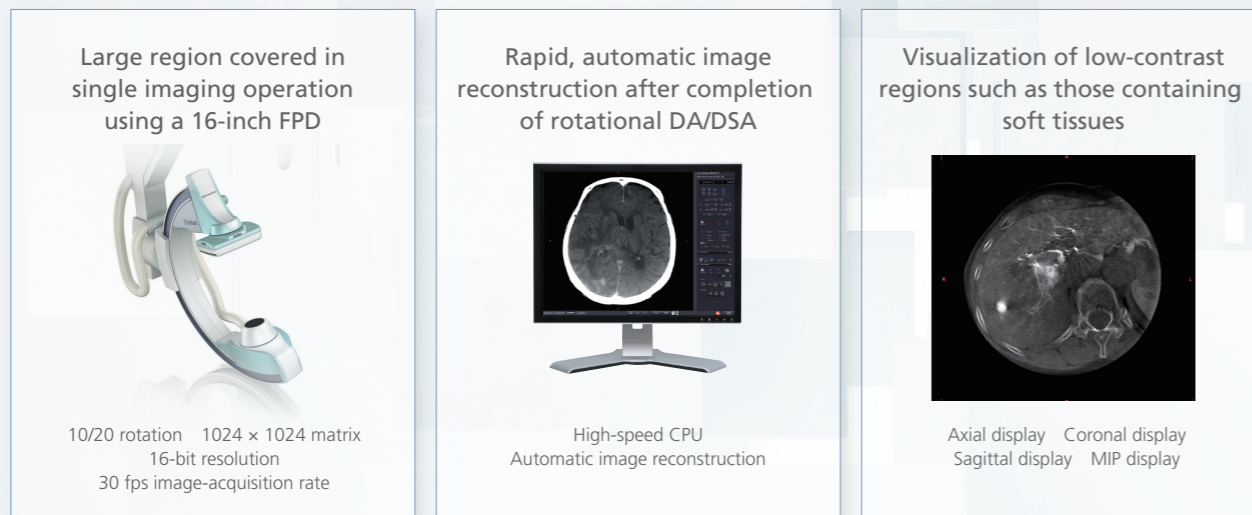Simulate best working angle and reposition C-arm during operation

Synchronize with the current c-arm angle or 2D image on the Ref. monitor
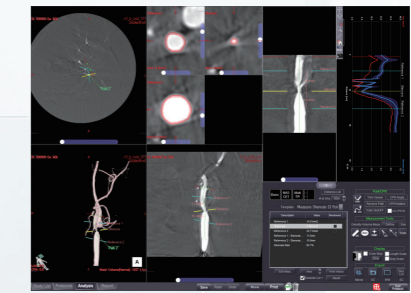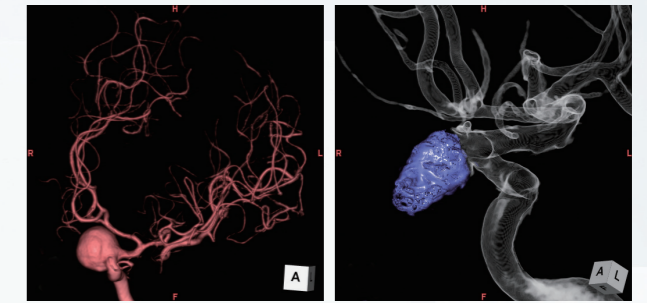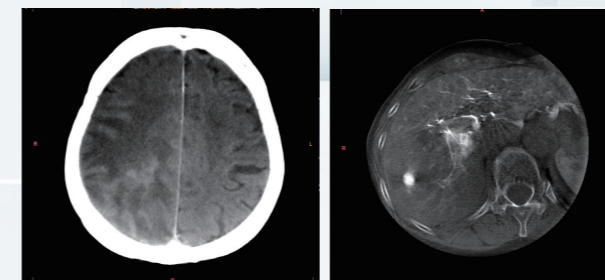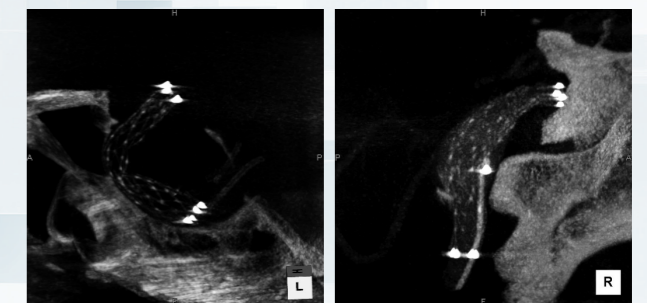
QCA Function

SCORE CT OPTION

SCORE CT is an application for observing cross-sectional images of low-contrast regions, primarily tumor stains, during procedures.

Confirm intracranial hemorrhages using post procedure C-arm CT.

Clearly renders low-contrast areas during TACE procedures.

High-Resolution C-Arm CT (CT-HR)

High-definition mode clearly renders intracranial stents.

SCORE Navi / Navi+Plus OPTION

SCORE Navi/Navi+Plus is an application that utilizes preprocedural images to support minimally invasive interventions. By synchronizing the C-arm projections to pre-procedure MDCT images, the system enables these MDCT images to be used as a reference during interventions, reducing contrast media usage and X-ray dose.
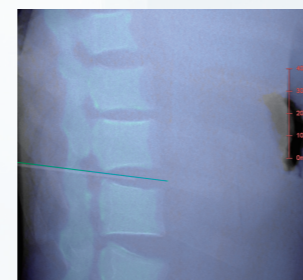
Wide-Area CT Plus Fluoroscopy Display

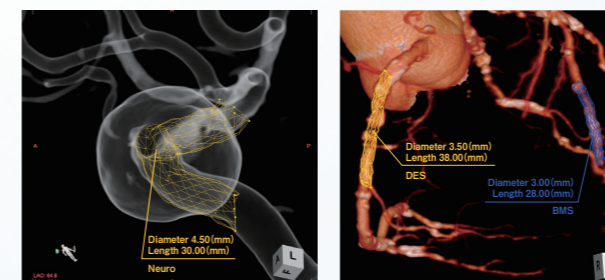Supports additional dose reduction by reducing the fluoroscopy aperture.
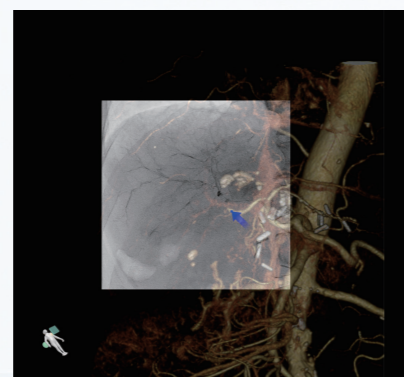
SCORE Navi

MPR Road Map

Overlay any cross section image on fluoroscopy image.

SCORE Navi+Plus

Virtual Stent

Simulates optimal stent size.

Extender Function

Automatically renders feeders to the tumor stain.