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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,

#### Remark

- 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 interpretable and specifications are subject to change for reasons of interpretable and specifications.
- 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.



C505-E080

## SCORE 3D Workstation

Optional 3D Reconstruction Workstation for Trinias



## 30

# SCORE

## MaxScan 60°/s high-speed rotation 1024 × 1024 matrix 12-bit resolution

3D Road MAP
SCORE Navi
Navi+Plus

OPTION

 $\Box$ 

SCORE













High-resolution

rotational images

30 fps image-acquisition rate

#### Angiography

#### **MDCT**



Seamless Linkage with pre-procedure MDCT image

Large region covered in

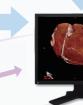
single imaging operation

using a 16-inch FPD

10/20 rotation 1024 × 1024 matrix

16-bit resolution

30 fps image-acquisition rate



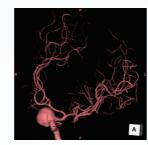
of rotational DA/DSA

High-speed CPU

Automatic image reconstruction

Rotational DA/DSA

#### Rapid, automatic image Image observation using diverse reconstruction after completion 3D image display functions



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

Superimpose Fluoroscopy Image



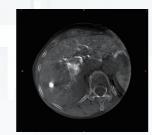
•3D Road MAP •MPR Road MAP 

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

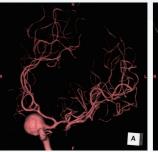
The SCORE 3D application allows the rapid display of 3D reconstructed images automatically after rotational radiography.

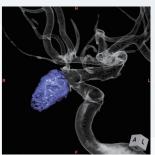
#### The 3D image cooperates with C-arm or monitor's image

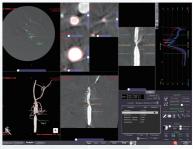
Register both 3D image and C-arm angle. Simulate best working angle and reposition C-arm during operation



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



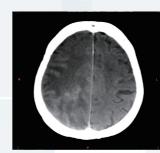




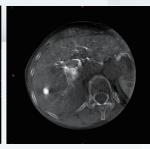
QCA Function

## SCORE CT OPTION

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

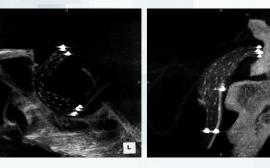


Confirm intracranial hemorrhages using post procedure C-arm CT.



Clearly renders low-contrast areas during TACE procedures.

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



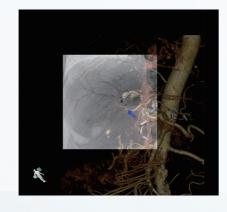
High-definition mode clearly renders intracranial stents.

### 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

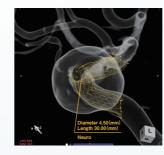
Overlay any cross section image on fluoroscopy image.



#### SCORE Navi+Plus

#### Virtual Stent

Simulates optimal stent size.





#### **Extender Function**

Automatically renders feeders to the tumor stain

