

DTT Application

APPLICATION

The DTT Application is an optional package for Canon Medical Systems magnetic resonance imaging (MRI) systems. This application provides postprocessing software for Diffusion Tensor Tractography, which expands the range of clinical applications.

APPLICABLE COMBINATIONS

This application is applicable to the following systems and second consoles.

System	Software version
Vantage Galan 3T	V4.0 or later
Vantage Titan 3T	V2.21 or later
Vantage Orian	V4.5 or later
Vantage Fortian	V8.0 or later
Vantage Titan	V2.10 or later
Vantage Elan	V3.0 or later

Second Console (Option)

MKDN-011A/S1
MKDN-012A/S1
MKDN-013A/S1, S2
MKDN-013B/S1, S2
MKDN-014A/S2

The optional mNeuro Package and DTI Application must also be installed in the MRI system.

COMPOSITION

Software (License) 1 set

This application does not include an operation manual. Refer to the operation manual supplied with the MRI system.

PERFORMANCE SPECIFICATIONS

Diffusion MAP

This application creates various types of Diffusion maps (Isotropic DWI, Isotropic ADC, FA, RA, VR, Color Map 1/2/3, Lambda 1/2/3, Trace)

- Diffusion map can be stored as MR images or SC images.
- Superimposing of diffusion map and other images is available for both 2D and 3D.

Fiber Tracking

- Fiber tracking is available
- Superimposing of fiber images and other images (images selected from Image Matrix and Diffusion map) is available for 3D.

INSTALLATION CONDITIONS

The power and environmental conditions are the same as for the MRI system.

COMPLIANCE WITH STANDARDS

This application complies with the same standards as the MRI system.

MASS

Unit	Mass (kg)
DTT Application	Approx. 0.5

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