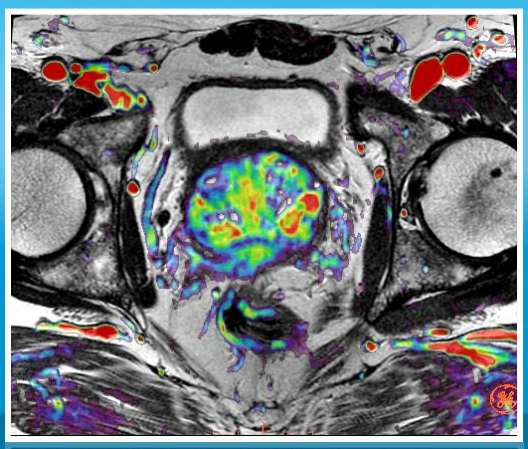
GE Healthcare



Body View

An innovative way to analyze time series data from body studies.

Magnetic Resonance Imaging (MRI) of the body yields valuable information that is useful in determining a diagnosis. But processing time series data can complicate workflow and reduce productivity. Body View streamlines the review of MR body images.

Overview

Body View provides algorithms, tools, and workflows for processing time series data acquired in the body. It also calculates parametric images from contrast enhanced images based on the temporal evolution of signal intensity.

Body View is available on VolumeShare 7, a multi-modality advanced visualization workflow solution that helps to enhance diagnostic precision and productivity.

Highlights

- Guided workflows with intelligent display based on smart layout to help analyze MR data.
- Adapt your application to fit personal and institution requirements for more standardized analysis and improved productivity
- Provides additional clinical information through relative ROI measurements, curves and color parametric images.
- Enables fusion of color parametric images with anatomical 2D or 3D images with simple “drag and drop” method.
- Provides adaptive protocols for multi-parametric data processing.
- Enables MR to MR image registration to reduce patient motion effects.
- Accessible from PC, laptop, PACS/RIS workstation for streamlined workflow.

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Features

Body View offers two advanced protocols:

- MR Standard for analyzing T1 or T2* contrast changes over time. Parametric images generated include:
  - Enhancement integral (EI)
  - Time to peak (TTP)
  - Mean time to enhance (MTE)
  - Maximum slope of increase (MSI)
  - Maximum slope of decrease (MSD)

  MR Standard automatically determines enhancement type (positive, i.e. T1 contrast, or negative, i.e. T2* contrast)

- Signal Enhancement Ratio (SER) lets you analyze T1 contrast changes over time. Images provided include:
  - Signal Enhancement Ratio (SER)
  - Maximum slope of increase (MSI)
  - Positive enhancement integral (PEI)

- Body View offers adaptive protocol to process multi-parametric breast, pelvis and liver data. Factory protocols are adjustable and can be customized to fit your personal requirements in terms of
  - Display & workflow (layouts, review steps).
  - Parameters and settings

- Easy-to-use slide bars let you segment parametric images in real time.
- Display and export ROI statistics from the Summary table
- Export graph values as csv file
- Save State let you save and restore the state of the processed images at any stage.
- Contextual help pages that give general assistance about the image processing algorithms
- Save all generated parametric images in one click.

System Requirements

- AW Server 3.1 and above and recommended monitor resolution is up to dual 2MP (1600 x 1200) or a single 3MP (1536 x 2048).
- AW VolumeShare7 Workstation and above
- Centricity™ Universal Viewer[1]

Software Requirements

- Body View requires READY View as prerequisite.

Product Description

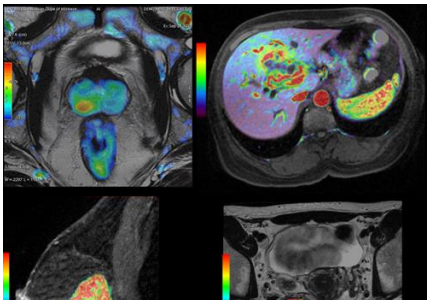
Body View is an image analysis software option of READY View that allows the user to view and process MR images of the body.

Regulatory Compliance

This product complies with the European Council Directive 93/42/EEC Medical Device Directive as amended by European Council Directive 2007/47/EC

Notes:

[1] AW Server 3.1 is not compatible with Centricity Universal Viewer



GE imagination at work

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