



Innova Vision

Live 3D guidance

Guiding and deploying devices through complex anatomies may be delicate. Under 2D fluoroscopic imaging, such procedures can require significant amount of contrast media, prolonged radiation exposure, and lot of time. A 3D view of vessels anatomy could help you perform complex interventional procedures.

Overview

Innova Vision **overlays 3D prepared datasets from CT, MR or 3D rotational images on live fluoroscopic images** in a single click. This 3D roadmapping application helps guidance of devices in complex anatomies.

Highlights

- Register in real time to C-arm and table movements, field of view, source-to-image distance
- High quality volume rendering to enhance anatomy understanding
- With Backview, visualize 3D model from the opposite side without moving the gantry.
- Directly register CT and MR 3D models with only 2 fluoroscopy views for efficiency in procedure time and dose.
- Easy to use table-side controls including patient motion correction



Visit us:
www.gehealthcare.com/aw/applications/



Features

- Overlay 3D models from CT, MR or 3D rotational images on live fluoroscopic image.
 - 3D models acquired in GE interventional suite are automatically registered when exported on live fluoroscopic images.
 - Directly register CT and MR 3D models with only 2 fluoroscopy views for efficiency in procedure time and dose
 - Registration is adjusted in real time along the procedure, following the movement of frontal gantry, source-to-image distance, field of view, image flip, and table motion.
 - Correct patient motion at table side or in control room.
- A variety of tools enhance visualization and guidance capability:
 - With Backview visualize 3D model from the opposite side without losing registration on the fluoroscopy and moving the gantry:



- Adjust 3D model opacity and brightness to fit your preferences.
- Display user-defined landmarks.
- Digital Zoom

System Requirements

- AW VolumeShare 4
- In-room AW monitor

Indications for Use

Innova Vision is intended to enable users to load 3D datasets and overlay and register in real time these 3D datasets with fluoroscopic or radiographic images of the same anatomy in order to support catheter/device guidance during interventional procedures.

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.



GE imagination at work

© 2012 General Electric Company.
All rights reserved. Data subject to change.
GE and GE Monogram are trademarks of General Electric Company.
* Trademark of General Electric Company.