Medical Imaging

System And Method For Motion-Adjusted Device Guidance Using Vascular Roadmaps

View U.S. Patent No. 11,087,464 in PDF format.

WARF: P190203US01

Inventors: Paul Laeseke, Martin Wagner

The Invention

A system and method is provided for creating motion-adjusted or motioncompensated images of a patient to guide an interventional medical procedure. The method includes displaying a static roadmap and a plurality of dynamic images to show the interventional medical device aligned on the static roadmap using a motion transformation. Alignment of the interventional medical device on the static roadmap is based on a user selection of one of motion compensation of the interventional medical device relative to the static roadmap to produce a plurality of images that do not show patient motion or motion adjustment of the static roadmap relative to the interventional medical device to produce a plurality of images that show patient motion.

Tech Fields

- Medical Imaging : X-ray

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846

We use cookies on this site to enhance your experience and improve our marketing efforts. By continuing to browse without changing your browser settings to block or delete cookies, you agree to the storing of cookies and related technologies on your device. See our privacy policy

OK