



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

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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](#)

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