



INTRODUCER NEEDLE AND STYLET FOR INTERVENTIONAL PROCEDURES

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The Invention

UW-Madison researchers have developed a device and method for improved CT-guided needle interventions. The new system greatly simplifies the use of introducer needles by providing a path for anesthetic along the stylet when the stylet is in place, eliminating the need to remove the stylet and extract the patient from the CT machine, and more generally, eliminating delay and unnecessary needle manipulation during any image-guided procedure. In one embodiment, the introducer needle also automatically seals itself when the stylet is removed. Additional improvements include providing an improved optical target for the CT laser and reducing image artifacts during imaging of the target with the introducer needle and stylet in place through the use of optimal materials.

Additional Information

For More Information About the Inventors

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Tech Fields

- [Medical Devices : Medical tools](#)

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