



## APPARATUS FOR X-RAY CT IMAGING WITH REDUCED PROBE ARTIFACTS

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### The Invention

UW-Madison researchers have developed a novel method to reduce artifacts in front of a biopsy needle during CT-guided interventional procedures. The method enables acquisition of interventional CT images with significant reduction in artifacts as compared to conventional imaging

### Additional Information

#### For More Information About the Inventors

- [Timothy Szczykutowicz](#)
- [Fred Lee](#)

#### Publications

- [Reynoso-Mejia et al. 2024. Needle Artifact Redistribution Technique \(Needle-ART\): A Method for Metal Artifact Reduction During CT Interventionism Based on Gantry Tilt. Physica Medica. 127, 104848. ISSN 1120-1797.](#)

#### Tech Fields

- [Medical Imaging : CT](#)

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