



AUTOMATED CT CONTRAST DETECTION

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Inventors: John Garrett, Perry Pickhardt, Bryan Pooler

The Invention

UW researchers have developed a technology for automatically determining whether a CT image was taken with or without contrast media. The technology uses a segmentation to isolate voxels of a vascularized structure and statistical thresholding of the attenuation values of the isolated voxels to provide transparent and robust discrimination. In some embodiments, the phase of the contrast injection can be deduced from a degree of variation in attenuation of the isolated organ voxels.

Additional Information

For More Information About the Inventors

- [Perry Pickhardt](#)

Tech Fields

- [Medical Imaging : CT](#)

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