



SYSTEM AND METHOD FOR CONTROLLING ERRORS IN COMPUTED TOMOGRAPHY NUMBER WITHOUT RAW DETECTOR COUNT DATA

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Inventors: Guang-Hong Chen, Ke Li

The Invention

UW Madison researchers have developed a new method to correct inaccurate CT numbers in low radiation dose photon counting CT imaging without knowing the raw photon counts. The methods address situations where both sinogram data without patient present and with patient present are known and situations where only the sinogram data without patient is known but there is no need to know the patient specific sinogram projection data. These methods provides accurate CT numbers throughout the entire radiation dose range, from low to normal dose scans.

Additional Information

For More Information About the Inventors

- [Guang-Hong Chen](#)
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Tech Fields

- [Medical Imaging : CT](#)

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

