



## SYSTEM AND METHOD FOR FLOW OR VELOCITY QUANTIFICATION USING CONTRAST - ENHANCED X - RAY DATA

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### The Invention

UW-Madison researchers have developed a method for angiographic blood velocity quantification from time-signal curves with oscillating change in contrast. The method can be used to quantify blood velocity in 2D quantitative DSA (qDSA) or 4D (3D + time) DSA. Unlike previously proposed approaches the invention provides a non-iterative, global solution, which does not rely on pairwise comparisons of time attenuation curves.

### Additional Information

#### For More Information About the Inventors

- [Michael Speidel](#)

#### Tech Fields

- [Medical Imaging : CT](#)
- [Medical Imaging : X-ray](#)

For current licensing status, please contact Jeanine Burmania at [jeanine@warf.org](mailto:jeanine@warf.org) or 608-960-9846