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#### **ACCEPTED MANUSCRIPT**

# Improved Workflow for Unguided Multiphase Image Segmentation

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Authorship Statement: Brendan A. West made substantial contributions to the development and testing of the presented methodology, and substantial contributions to the report. Taylor S. Hodgdon reviewed methodology development and testing, and made substantial contributions to the report. Dr. Matthew D. Parno advised methodology development, developed the local deconvolution algorithm, and contributed to algorithm sections of the report. Dr. Arnold J. Song advised methodology development and revised the final draft version of the report.

Declaration of interest: None.

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