

# Uncertainty in Apparent Diffusion Coefficients Determined from Diffusion Weighted Magnetic Resonance Imaging

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## Abstract

The uncertainty in the Apparent Diffusion Coefficient (ADC) calculated from Diffusion Weighted Magnetic Resonance Images (DWMRI) has been estimated. Systematic uncertainty due to the transcription from non-DWMRI scans to DW scans along with other systematic uncertainties are added in quadrature to statistical uncertainties to arrive at a total.

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