

Magnetic resonance image correction

MEDTECH: Diagnostics - Digital

Video link: https://youtu.be/ms4ThzpFwEU

See over for Figures.





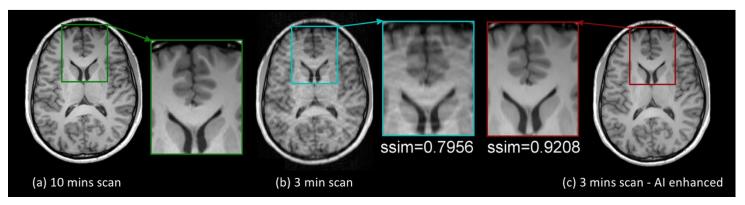


Figure 1: Scan time reduction results.

- (a) An image reconstructed with 10 mins of scan;
- (b) An image reconstructed with 3 mins of scan, resulting in poor quality with ringing artefact and blurring in the image
- (c) A 3 min scanned image in (b) enhanced by the deep learning algorithm.

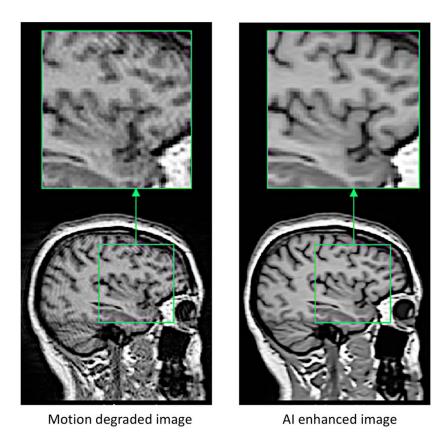


Figure 2: Left: Image degraded due to patient motion during the scan; Right: Image corrected to remove motion and restore the high-quality image.