

Image fusion

Fusion imaging is a technique that fuses two different imaging modalities.

Fusion imaging has gained considerable attention since it can help operators conduct interventional procedures with high confidence and accuracy for challenging target lesions

Fusion of [MR](#) images and real-time ultrasonography could be achieved. However, careful interpretation of the fused data is necessary, when different angles and distances of the US probe to the object are concerned ¹⁾.

¹⁾

Schlaier JR, Warnat J, Dorenbeck U, Proescholdt M, Schebesch KM, Brawanski A. Image fusion of MR images and real-time ultrasonography: evaluation of fusion accuracy combining two commercial instruments, a neuronavigation system and a ultrasound system. Acta Neurochir (Wien). 2004 Mar;146(3):271-6; discussion 276-7. Epub 2003 Dec 5. PubMed PMID: 15015050.

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