



MRM Invited

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4D Flow Imaging

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The main advantage of cardiothoracic MRI is its potential for tissue characterization by using various 4D flow MRI is an imaging technique capable of showing blood flow in three dimensions and has been increasingly used in recent years. However, due to image processing complexity and the lack of verification of related advanced parameters, extensive clinical application is still tricky. This lecture introduces the potential value of 4D flow MRI and the latest related research. Notably, Fontan operation is a field where the advantages of 4D flow MRI can be maximized, and I will focus on it.

Keyword: 4D flow MRI, Fontan operation