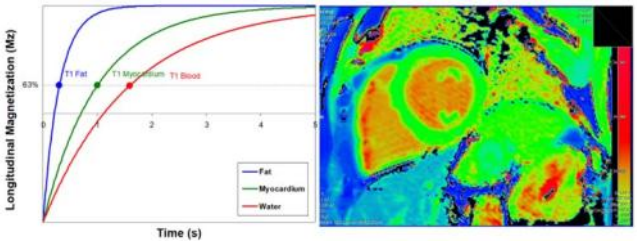
PROJECT NUMBER

7469

ShMOLLI: Shortened Modified Look-Locker Inversion Recovery, for T1 mapping in cardiovascular MRI

ShMOLLI is an efficient method that generates immediate, high-resolution T1-maps for quantitative cardiac imaging in a short breath-hold with high precision.



Features	Benefits
Produces excellent T1 cardiac images with short breath holds	Alleviates discomfort for ill patients
Shorter acquisition periods; Low sensitivity to heart rate variations; High precision; Single stop-shop solution for short and long T1, combined with inherent quality control; Shown promise in monitoring gadolinium-free stress responses	Decreases measurement time; Reduces the estimation errors for the long T1 relaxation times; Does not require manual pre-selection of T1-mapping variants for native and post-contrast conditions
Proven applicability across all major cardiovascular conditions	Applicable to a wide range of patients; Proven in multi-centre clinical trials

Awaiting patent and Available for

- Co-development
- Consulting
- Licensing

To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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