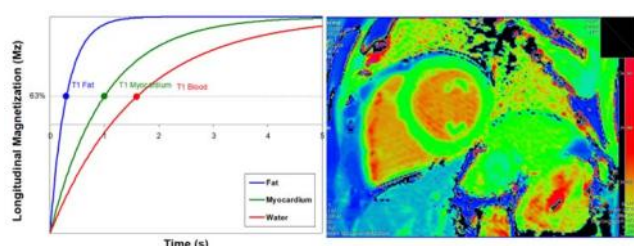


ShMOLLI: Shortened Modified Look-Locker Inversion Recovery, for T1 mapping in cardiovascular MRI

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.

The above information is provided 'as is' without conditions or warranties. Oxford University Innovation makes no representation and gives no warranty that it is the owner of the intellectual property rights in the technology described. © Oxford University Innovation Ltd 2026, Buxton Court, 3 West Way, Oxford, OX2 0JB.