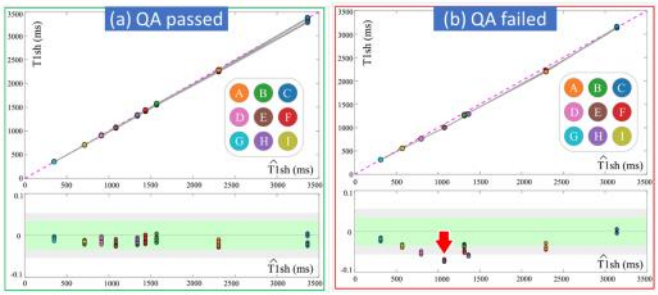
PROJECT NUMBER

16435

Practical model-based approach for robust quality assurance of quantitative MRI acquisition methods

A model-based method for validating quantitative methods of cardiovascular MRI. There is an unmet need for quality assurance in quantitative MRI in order to develop comparable biomarkers for clinical studies. This new model-based method for validating quantitative methods of cardiovascular MRI meets the demand by comparing the deployed multiparametric methods to a single predefined tolerance level.



Features	Benefits
Practical approach to quality assurance for quantitative MRI acquisition technologies	Meets the demand for quality assurance and fills a gap in the market, as a single fully prescriptive method for QA
Robust to the property changes of inanimate study objects i.e. phantom devices, such as aging, temperature and differences due to manufacturing processes	No worries about phantom temperature or aging; Lower cost and longer shelf-life of phantoms
Validating the comparability of results between and within scanners	Compliant with the modern clinical study’s design requirements

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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