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**Advanced MRI in inflammatory arthritis**

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Stellingen behorende bij het proefschrift

## Advanced MRI in inflammatory arthritis

1. DCE-MRI TIC-shape analysis can differentiate RA patients from healthy controls and has shown potential as a biomarker in subclassification of different inflammatory joint diseases (*dit proefschrift*)
2. The expression of aggressive DCE-MRI TIC-shape type 4 is increased in early RA (*dit proefschrift*)
3. DCE-MRI TIC-shape analysis can be used to analyze enhancement heterogeneity in (inflamed) knee joints (*dit proefschrift*)
4. TIC-shape analysis is a reproducible postprocessing option in DCE-MRI scans of inflamed knee joints. It is comparable to a qualitative analysis within one scanner and the most reproducible method when used in different scanners (*dit proefschrift*)
5. The hypothesis that enthesitis is the primary immunopathological lesion in SpA is not confirmed in our study (besides other studies) and therefore this hypothesis should be rejected (*dit proefschrift*)
6. DCE-MRI TIC-shape analysis and pharmacokinetic modeling outcomes are closely related. Due to the higher reproducibility of TIC-shape analysis, this method should be the preferred post-processing option in DCE-MRI of inflammatory joint diseases (*dit proefschrift*)
7. Physicians, disillusioned by the productivity orientation of administrators and absence of affirmation for the values and relationships that sustain their sense of purpose, need enlightened leaders who recognise that medicine is a human endeavour and not an assembly line (*Ronald M Epstein, Michael R Privitera*)
8. In the spirit of science, there really is no such thing as a 'failed experiment.' Any test that yields valid data is a valid test (*Adam Savage*)
9. Aim for the sky and shoot on the roof (*onbekend*)
10. It's nice to be important, but it's more important to be nice (*John Templeton/Scooter*)