

An ITEA Smart health project





Reducing complexity in clinical diagnosis and treatment pathways

Project summary

The aim of SIGNET is to realize the North Star of replacing complex medical workflows and procedures by single-episode personalized, dose-adaptive, precision Magnetic Resonance guided treatments and interventions, improving patient comfort, safety, treatment outcome, and economic viability.



Project duration

November 2021 - January 2025

SIGNET technology building blocks

Expected key results / USPs

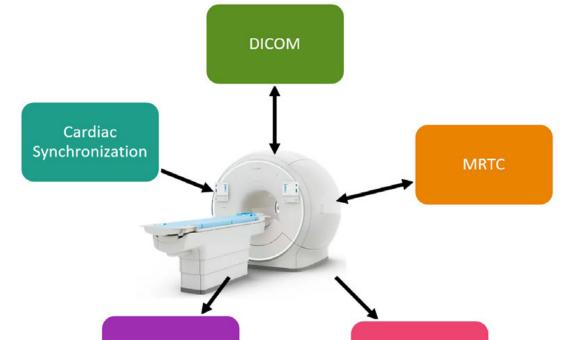
Single unified interface for the treatment device manufacturers to integrate with the MR system across neurology, cardiology & oncology domains.

Project LinkedIn **Project website**





- Better AI driven image quality with up to 60% faster speed.
- > SIGNET innovations will position European MR guided treatment industry to more effectively compete with the ventures from the rest of the world, and allow treatment device manufacturers a quicker path to clinical evaluation and market adoption. Expected direct annual societal gain of over EUR 1 billion by the end of this decade, through DICOM these innovations.



Physiology data

fMRI trigger





https://signetproject.com/

https://www.linkedin.com/ company/itea-signet/

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