

Pilot Stage 1

Implementation of EEG experiment + stimulation outside MR;
Run full feature extraction pipeline

YES

Desired EEG features
reliably present
?

NO

YES

Pilot Stage 2

EEG experiment in static field
Run pulse artifact correction
Run full feature extraction pipeline

YES

Desired EEG features
reliably present
?

NO

YES

Pilot Stage 3

EEG experiment during BOLD EPI sequence
Run Gradient correction & pulse Artifact correction
Run full feature extraction pipeline

YES

Desired EEG features
reliably present
?

NO

YES

Start study,
continuous data quality control!

