

# Decoding Motor Imagery From Non-invasive Brain Recordings as a Prerequisite for Innovative Motor Rehabilitation Therapies

NCT06469463

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Hospices Civils de Lyon
Enrollment	35 participants

## Key Eligibility Criteria

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### Inclusion (23)

- Control group:
  - Healthy subjects with age > 18, male or female.
  - Right handed (Due to the fact that unlike right-handed people, left-handed people tend to have more complicated somatotopic organization of the motor cortex, we will avoid confounding observed differences to differences attributable to anatomic factors).
  - Registered with the French healthcare system.
  - Motivated to participate in the study.
- ... and 18 more (see full listing online)

### Exclusion (27)

- Subjects with characteristics incompatible with MEG and MRI :
  - \. Claustrophobia.
  - Subjects with motor impairment (only applies to control group), severe traumatic brain injury.
  - Subjects with chronic stroke (applies to both groups).
  - Subjects history of skin disease or skin allergies (multiple or severe).
- ... and 22 more (see full listing online)

## Locations (1 total)

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Centre de Recherche en Neurosciences de Lyon - INSERM U1028, Bron, France