

# MINDLENSES PROFESSIONAL CLINICAL TRIALS AND RESEARCH PROJECTS

## Clinical Trial Cognitive rehabilitation with MindLenses in ischemic and hemorrhagic stroke

**TRIAL COMPLETED - GO TO PUBLICATION**

Partner: Fondazione G. Giglio (Cefalù, Italy)

Population: 30 stroke (left or right) patients, ischemic or hemorrhagic

What's evaluated: safety and efficacy of MindLenses in cognitive rehabilitation

---

## Clinical Trial Post-market clinical trial on neurorehabilitation with MindLenses in stroke patients

**RECRUITMENT COMPLETED**

Partner: IRCCS Fondazione Santa Lucia (Rome, Italy)

Population: 60 stroke (left or right) patients, ischemic or hemorrhagic

What's evaluated: safety and efficacy of MindLenses in cognitive and motor rehabilitation

---

## Clinical Trial MindLenses in neurological diseases: neurocognitive, motor and biological correlates

**RECRUITMENT COMPLETED**

Partner: IRCCS Ospedale San Camillo (Venice, Italy)

Population: 30 stroke patients + 30 Mild Cognitive Impairment patients

What's evaluated: cognitive and motor improvements following MindLenses therapy; structural and neuroplastic changes (with magnetic resonance imaging and BDNF levels)

---

## Clinical Trial Use of MindLenses in Mild Cognitive Impairment patients

**RECRUITMENT STARTED**

Partner: Niguarda Hospital (Milan, Italy)

Population: 40 Mild Cognitive Impairment patients

What's evaluated: efficacy of MindLenses in the patient population, with a focus on memory and attention impairments and neuroimaging (resting state functional magnetic imaging)

---

## Research Project Use of MindLenses in cognitive impairments following COVID-19

**RECRUITMENT STARTED**

Partner: AUSGI Hospital (Trieste, Italy)

Population: patients with dysexecutive syndrome following COVID-19

What's evaluated: efficacy of MindLenses in the treatment of cognitive impairments related to COVID-19 (attention, memory, language and executive functions)

---

## Research Project Use of MindLenses in severe acquired brain injury patients

**RECRUITMENT STARTED**

Partner: Centro Puzzle (Turin, Italy)

Population: patients with severe acquired brain injury (head trauma or cerebrovascular disease)

What's evaluated: use of MindLenses in the patient population, measuring both cognitive and quality of life outcomes

---

## Research Project Electrophysiological correlates of MindLenses: A Bayesian approach

**RECRUITMENT STARTS JANUARY 2024**

Partner: University of Turin

Population: healthy participants

What's evaluated: brain activity as measured through EEG (mismatch negativity protocol), analyzed with Bayesian Surprise algorithm