Module: MEG safety
General rules

Following standard operating procedures, there are no additional safety concerns doing MEG.

**Rules:**

- Always be two in lab
- Respect MEG procedures
- Be aware
Participant safety
Participant Safety

- Only operate when gantry position is ok
Participant Safety

In case alarm goes of (fire, oxygen, etc.)

• Talk to and calm participant
• Get participant out of MSR
• Evacuate
Participant Safety

In case participant gets ill (seizures, panic-attacks, etc.)

• Talk to participant
  • Calm down participant, ask what’s wrong
• Get in MSR
• Get participant out
• Call 112
Participant Safety

**Good practice**

- Be aware who your participants are (patients, healthy, ...)
- Tell about procedure and equipment before the experiment
  - MSR and doors
- Alarm ball
- Always talk to participant while he/she is in MSR
Participant Safety

Health risks

• Clean equipment after use
• Throw away used electrodes, tape, and other disposables (Do NOT throw away HPI coils – clean and return)
• Make sure used clothing and pillowcases go in laundry bin
• Used EEG syringe goes in separate bin
Equipment safety
Equipment safety

• **No metallic objects inside the MSR**
  - Phone, wristwatch, jewelry (rings, necklaces, earrings, etc.), wallets, coins, access cards, belts, etc.

• This applies to you and your participants!

• Operate equipment with skill and respect. Following standard operating procedures, there are no additional safety concerns are doing MEG.
Equipment safety

In case anything happens (equipment failure, etc.):

- Test equipment is connected and turned on.
  - Do not switch, change or unplug equipment unless you know what you are doing.
- Reset/restart
- Call for assistance (phone numbers are on the wall above phone)