

Un-Masking Procedure During MEG Scan

Due to the MEG's sensitivity to the metal wire commonly seen in masks as well as interference with MEG coils and EEG electrodes placement, we are asking patients to remove/unhook their masks during particular portions of the MEG scan as described below:

- 1) For the purposes of properly placing the MEG coils and EEG electrodes, we are asking patients to "unhook" or remove the strings of the mask from their ears. Two of the MEG coils are placed on the left and right preauriculars of the ears, and placing the coils before removing the strings of the mask would lead to interference in removing the mask for the scan.
- 2) For purposes of preventing significant artifact in the MEG data, we are asking patients to remove their masks completely for the duration of the MEG scan. The MEG Tech will ask the patient to place their mask in a plastic bin handed to them. The MEG Tech will then leave the room and close the door, leaving the patient alone in the scanning room. Once the MEG scan is over, the MEG Tech will bring the plastic bin back to the patient, who will be asked to pick up and place the mask back on their face.
- 3) Under no circumstances will the MEG tech remove his own mask/face shield.