

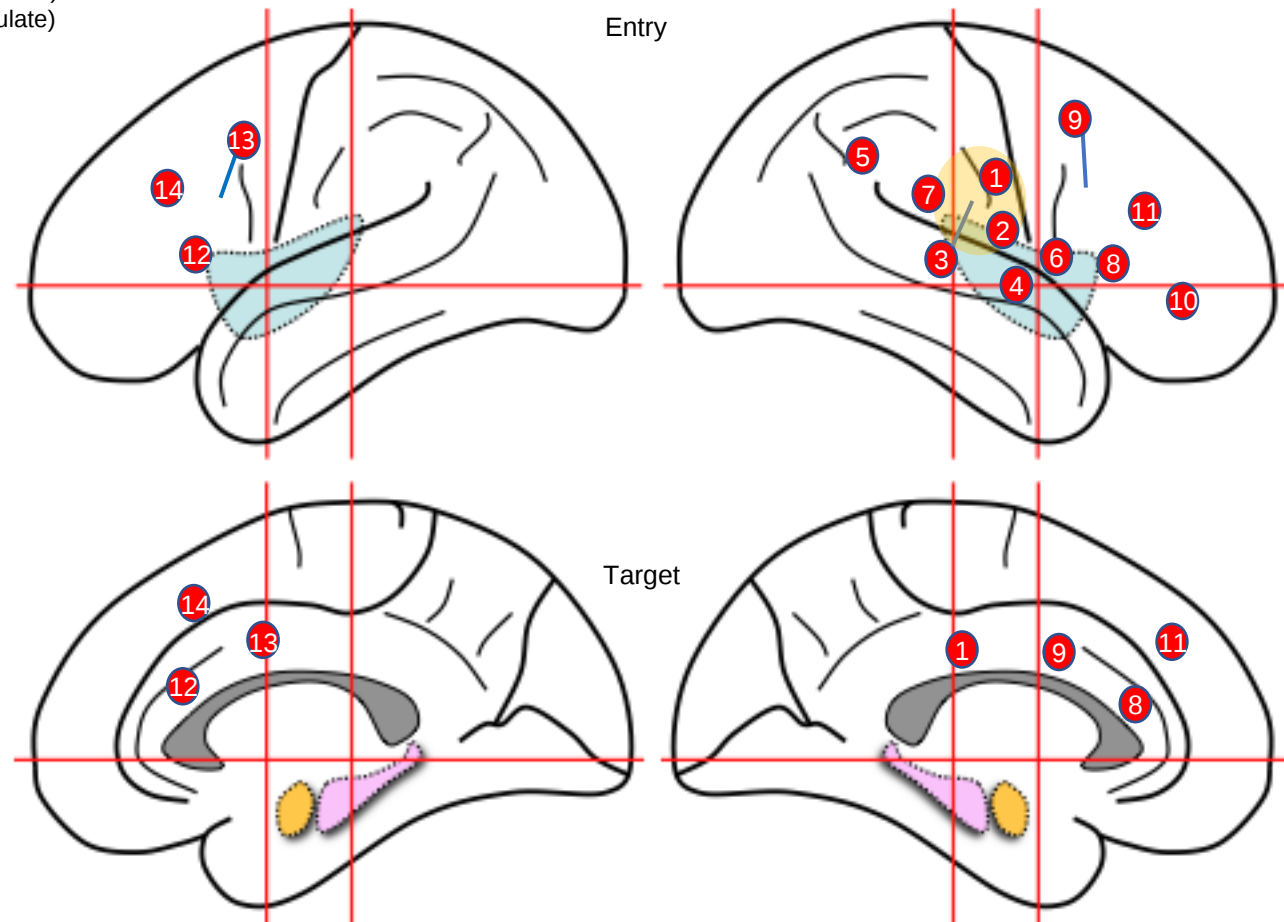
SEEG Implantation Plan: Patient #1

Hypothesis: Right Anterior Supramarginal Gyrus/Post-Central Gyrus DVA

Electrodes

1. PCG-Sup DVA (Post Central Gyrus to superior of DVA to posterior Cingulate)
2. PCG-Ant DVA (Post Central Gyrus to Anterior of DVA)
3. PT1-Inf DVA (Posterior T1 to Inferior of DVA)
4. MT1-Inf Ins (Middle T1 to Inferior Insula)
5. AG-MS (Angular Gyrus to Marginal Sulcus)
6. CO-Sup Ins (Central Operculum to Superior Insula)
7. SMG-Post DVA (Supramarginal Gyrus to Posterior of DVA)
8. FO-MEG-AC (Frontal Operculum through MEG to Anterior Cingulate)
9. FEF-MC (Frontal Eye Fields (F1) to Middle Cingulate)
10. F2-OF-fMRI (Anterior F2 through Orbital Frontal to 1st EEG-fMRI)
11. F2-fMRI-SMA (Middle F2 through 2nd EEG-fMRI to SMA)
12. L-FO-AC (Left Frontal Operculum to Anterior Cingulate)
13. L-FEF-MC (Left Frontal Eye Fields to Middle Cingulate)
14. L-F2-SMA (Left F2 to anterior SMA)

Supplementary figure 1.
SEEG implantation plan
in Patient 1 and 2.



SEEG Implantation Plan: Patient #2

Hypothesis: Right Frontal – possible SMA lesion

Electrodes

1. PreC-mLesion (Right Precentral Gyrus to middle of "Lesion")
2. sPostC-pLesion (Right superior Postcentral Gyrus to posterior aspect of "lesion")
3. pF2-FEF-aLesion (Right posterior Middle Frontal Gyrus –Frontal Eye Fields to anterior aspect of "lesion")
4. pF1-iLesion-mCing (Right posterior Superior Frontal Gyrus through inferior aspect of "lesion" to middle Cingulate)
5. mF1-aCing (Right middle Superior Frontal Gyrus to anterior Cingulate)
6. aF2-adF1 (Right anterior Middle Frontal Gyrus to anterior deep Superior Frontal gyrus)
7. aF1-FP-aGR (Right anterior Superior Frontal Gyrus through Fronto-Polar area to anterior Gyrus Rectus)
8. aF2-agCing (Right anterior Middle Frontal Gyrus to anterior "genu" of Cingulate Gyrus)
9. aF3POr-OF-mGR (Right anterior Inferior Frontal Gyrus pars orbitalis through orbital frontal gyri to middle gyrus rectus)
10. pF3Pop-alns (Right posterior Inferior Frontal Gyrus pars opercularis to anterior Insula)
11. iPostC-mIns (Right inferior Postcentral gyrus to middle Insula)
12. L-pF2-FEF-SMA (Left posterior Middle Frontal Gyrus Frontal Eye Fields to Supplementary Motor Area)
13. L-mF2-amCing (Left middle of Middle Frontal Gyrus to anterior-middle Cingulate)
14. L-mF2-alns-OF (Left middle of Middle Frontal Gyrus through anterior Insula to Orbital Frontal Gyri)
15. L-aF1-aCing (Left anterior Superior Frontal Gyrus to anterior Cingulate)
16. REF-L-aF2-agCing (Left anterior Middle Frontal Gyrus through white matter to anterior genu of Cingulate Gyrus)

