INTRACRANIAL ELECTRODES (IEEG)

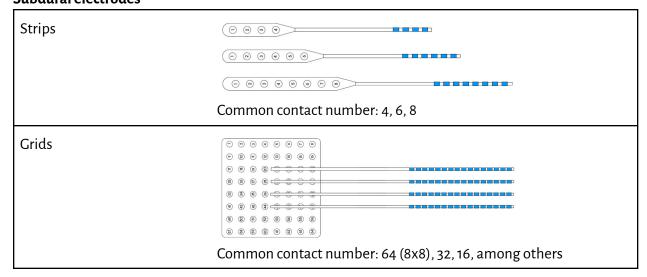
Intracranial EEG may be recorded using:

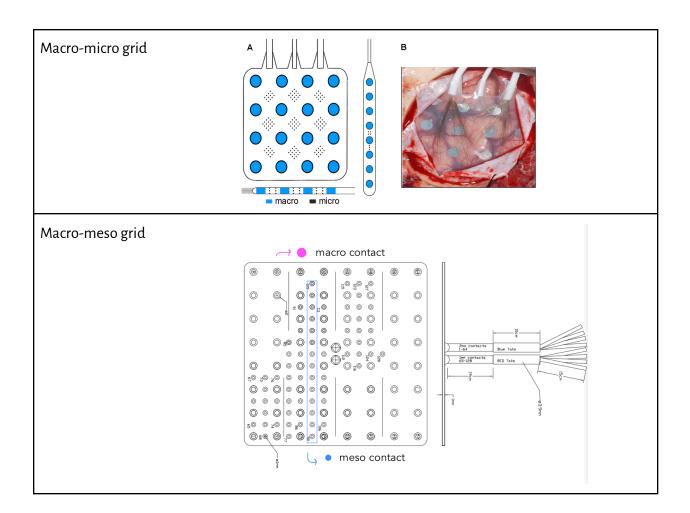
- Subdural electrodes- placed on the cortical surface directly.
 - Subdural strip electrodes
 - Subdural grid electrodes
 - Macro
 - Meso
 - Micro
- Depth electrodes (sEEG) probes placed stereotactically into brain substance
 - o Depth probes
 - o Microwire depth electrodes
 - Macro-micro depth electrodes
- Neuroport (Utah) array
- Laminar electrodes

Characteristics:

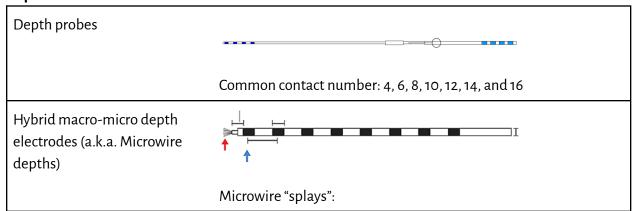
- Number of electrodes or contacts
- Distance between contact centers (contact spacing)
- Contact diameter

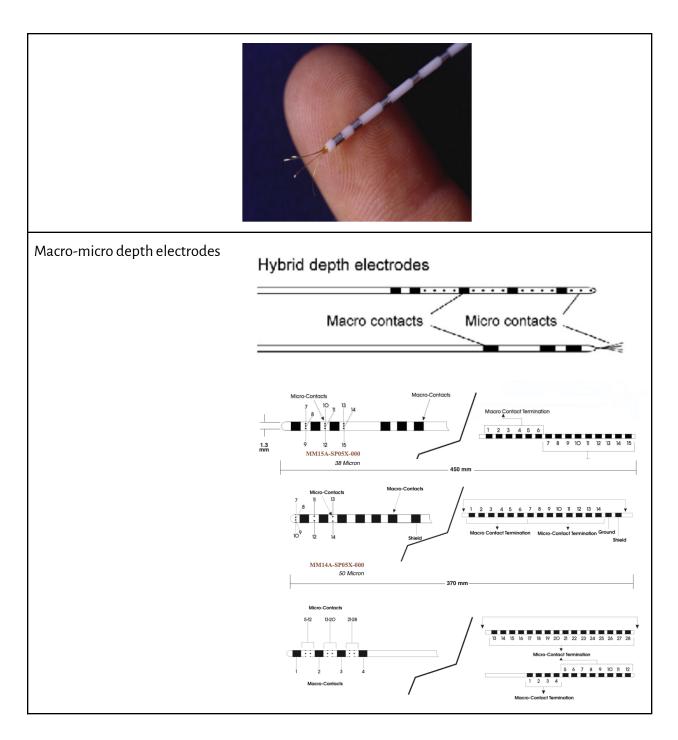
Subdural electrodes



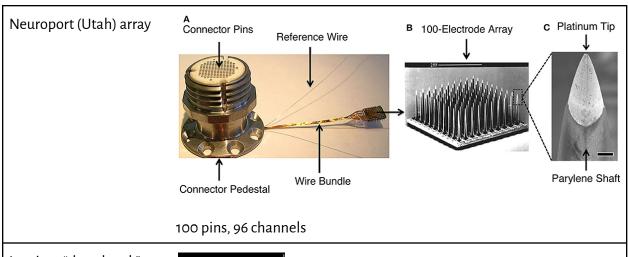


Depth electrodes





Other



Laminar "thumbtack" electrode



Foramen ovale electrodes

