



1 EEG electrodes records non-invasively from the scalp, with a lower spatial resolution and signal-to-noise ratio.

2 Depth electrodes can record from deeper areas, but need to be implanted.

3 ECoG is considered less invasive, since it does not penetrate the cortex.

4 Penetrating micro-electrodes have the highest spatial resolution

scalp

skull

dura mater

arachnoid mater

pia mater

cortex