

WIRE LIST FOR RODENT SURGICAL IMPLANTATION (SOP-69)

EMG Recording Wire

Tungsten 0.002" bare 0.004" coated

Stripped 1 mm at tip

Insert using 25 g needle; remove needle from casing using heat gun

EMG Reference Wire

Tungsten 0.002" bare 0.004" coated

Stripped 3-4 mm at tip

Insert using 25 gauge needle; remove needle from casing using heart gun

Cortical Extracellular (ECoG) Recording Electrodes

Tungsten 0.002" bare 0.004" coated

Snip end at angle

Use heat, i.e., soldering iron or electrode heater, to shrink coating back from tip slightly ($\ll 1$ mm).

Ground Wire for Chronically Implanted Animals

Silver wire, 0.005" bare

- Wrap around skull screws
Never implant a silver wire