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 (<< 1 mm).

Ground Wire for Chronically Implanted Animals
Silver wire, 0.005” bare
• Wrap around skull screws
Never implant a silver wire