Infrared Neural Stimulation (INS): Recruitment of Primary Afferents

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METHODS

Why use INS? No Stimulus Artifact!

RESULTS

CAPs evoked by electrical stimulation:

CAPs evoked by infrared stimulation:

Conduction Velocity

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<th>Aα</th>
<th>Aβ</th>
<th>INS</th>
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1. Large-Diameter Aα axons can be activated by extracellular INS.

2. These large fibers may be recruited relatively selectively (or possibly the smaller Aβ, Aδ, and/or C fiber CAPs were below noise threshold).

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