

Types of spinal needles



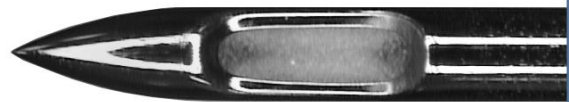
Whitacre (Pencil Point)

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Have a **blunt, pencil-point tip** and are **designed to spread tissues without cutting them**, theoretically reducing the incidence and severity of post-dural puncture headache (PDPH).

Sprotte (Pencil Point)

Have a **closed tip** shaped like a pencil, with **the hole on the side** of the needle near the tip. Are designed to minimize leak of cerebrospinal fluid after puncture and reduce the chance of postdural puncture headache.



Sprotte (Pencil Point)



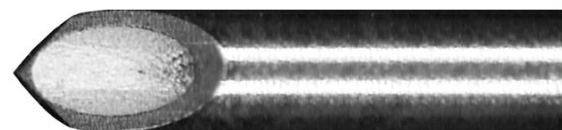
Quincke

Quincke point

Cutting-tip, or Quincke, needles have **sharp, cutting tips**, with **the hole at the end** of the needle.

Chiba point

The Chiba needle is one of the most commonly used biopsy/percutaneous access needles. It is a two-part hollow needle with a **beveled tip angled at 30 degrees**. The inner stylet (which is also beveled) is removable. The beveling of the Chiba needle results in superior steering compared to conventional trocar needles.



Chiba