Abstract

CANNULA LOCATOR DEVICE

A cannula locator device is described herein. The cannula locator device may include a cannula. The cannula may include a distal tip, an elongated tubular shaft, and an inner lumen formed by the elongated tubular shaft. The cannula locator device may also include a first optical fiber configured to emit light and a second optical fiber configured to receive reflected light. The first and second optical fibers may be disposed within the inner lumen of the cannula. The first optical fiber may include a first distal end and a first proximal end. The second optical fiber may include a first proximal end and first distal end.

Figure 5A