

APPARATUS FOR SUBRETINAL ADMINISTRATION OF THERAPEUTIC AGENT VIA A CURVED NEEDLE

Abstract

An apparatus includes a body, a cannula (50), and a needle (100). The cannula is flexible and extends distally from the body. The needle is slidably disposed in the cannula. The needle includes a sharp distal tip (102) and a curved portion. The needle is configured to translate relative to the cannula between a proximal position and a distal position. The distal tip is configured to be positioned inside the cannula when the needle is in the proximal position. The distal tip is configured to be positioned outside the cannula when the needle is in the distal position. The needle is resiliently biased to extend along a curve through the curved portion.

FIG. 8