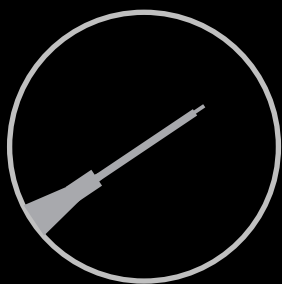
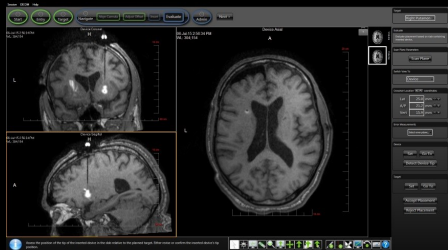
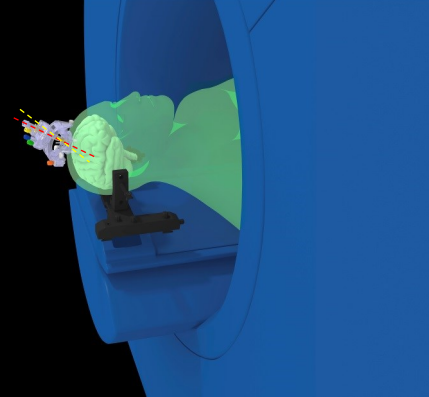
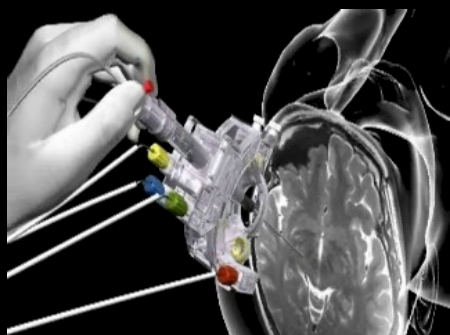




CLEARPOINT[®] Neuro Navigation System



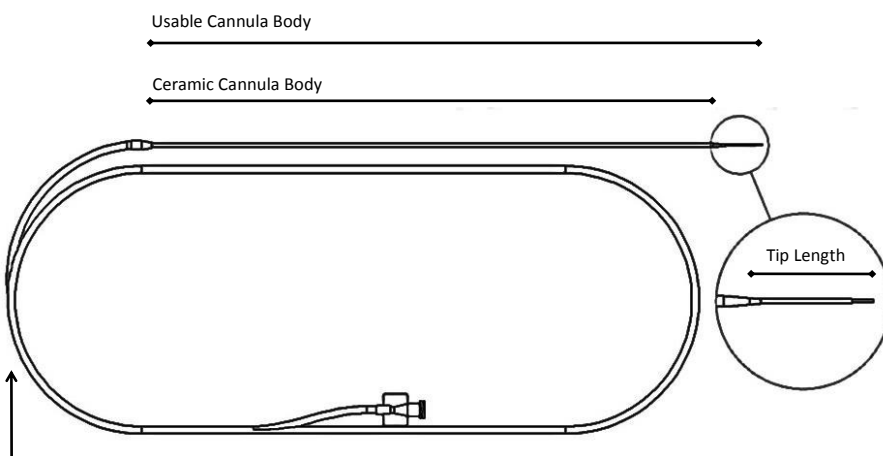
Multi-Step Tip Design



Drug Delivery with SmartFlow[®]

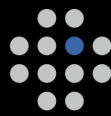
The **SmartFlow neuro ventricular cannula** is an MRI compatible injection and aspiration cannula¹. The inner lumen is designed to allow low priming volumes minimizing therapeutic agent waste.

- Low Priming Volume
- Multi-Step tip design
- Ceramic cannula body encased within a protective outer polymer sleeve
- Eight configurations - 2 gauge sizes each with a short or long extension tube



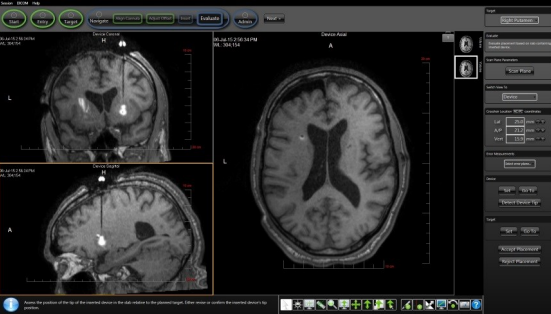
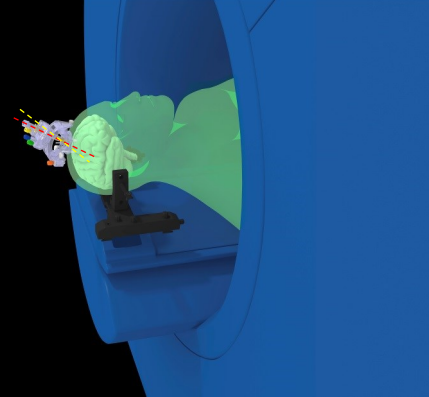
For Low Priming Volumes the Silica Inner Lumen Extends Throughout Length with a 3mm Protruding Tip and Soft Polymer Extension Tubing for Protection

Precise - Accurate - Frameless



CLEARPOINT[®]

Neuro Navigation System



The SmartFlow neuro ventricular cannula is designed for optimal performance.

- Low Priming Volume
- Multi-Step tip design
- Ceramic cannula body encased within a protective outer polymer sleeve
- Eight configurations - 2 gauge sizes each with a short or long extension tube

Technical Specifications

Catalog Number	Outside Dia.			I.D.	I.D.	Length Overall	Priming Volume	Tip Length	Usable Cannula Body Length	Bore Length
	(ga)	(in.)	(mm)	(in.)	(µm)					
NGS-NC-01	16	.065	1.65	.008"	200	4 ft	0.04	18	26.9	30.0
NGS-NC-02	16									
NGS-NC-03	14	.083	2.11	.021"	536	4 ft	0.24	18	26.9	30.0
NGS-NC-04	14									
NGS-NC-05	16	.065	1.65	.008"	200	10 ft	0.10	15	26.6	29.7
NGS-NC-06	16						0.10	13	26.4	29.5
NGS-NC-07	14	.083	2.11	.021"	536	10 ft	0.61	13	26.4	29.5
NGS-NC-08	14						0.61	13	18.0	21.1

Precise - Accurate - Frameless