



# MRI-GUIDANCE FOR STEREOTACTIC NEUROSURGICAL APPLICATIONS

## ClearPoint Neuro Training & Innovation Center, Solana Beach, CA

Friday, May 5<sup>th</sup> - Sunday, May 7<sup>th</sup>, 2023

### APPLICANTS

Open to Neurosurgical Fellows or Residents (PGY-3 and above) interested in gaining hands-on and practical knowledge of iMRI-guided surgical techniques using the ClearPoint Neuro Navigation System.

*Limit of 5 Attendees: Physicians from countries where ClearPoint has regulatory approval only. Economy travel to be arranged by ClearPoint Neuro.*

### OBJECTIVES

01

Understand the principles of iMRI-guided stereotaxy and their application for neuromodulation, biopsy, and catheter placement

02

Learn to identify standard targets in functional neurosurgery using direct anatomical targeting

03

Develop proficiency with the ClearPoint system, including surgical planning software and associated hardware

04

Review potential benefits of SmartFlow cannula for clinical trials

05

Appreciate best practices for workflow optimization and case efficiency

### FACULTY

**Paul S. Larson, MD, FAANS**

*Professor of Neurosurgery,  
University of Arizona  
Chief of Neurosurgery,  
Southern Arizona VA*

### AGENDA

#### Friday, May 5<sup>th</sup>, 2023

**6:00PM** Dinner and Vision Presentation with Joe Burnett, President and CEO

#### Saturday, May 6<sup>th</sup>, 2023

**7:00AM** Introduction and Breakfast

**8:00AM** Principles of iMRI Stereotactic Surgery

**9:15AM** Deep Brain Stimulation for Movement Disorders

**10:00AM** SmartFlow Catheter: Drug Delivery and Clinical Study Discussion

**11:00AM** Direct Anatomical Targeting: Principles and Hands-On Practice

**12:00PM** Lunch

**1:00PM** Practical Workflow Hands-On Practice (MRI Simulator)

**6:00PM** Dinner

#### Sunday, May 7<sup>th</sup>, 2023

**7:00AM** Breakfast Discussion of Drug Delivery & Biologics Pipeline

**8:30AM** R&D Pipeline Hands-On Demos\*

**[Click Here to Submit Your Application Today](#)**

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<https://www.clearpointneuro.com/healthcare-professionals/cleareducation-fellowapplication/>



\*Participation requires signature of a non-disclosure agreement