



2026 Artificial Intelligence in Neurosurgery: A Technical Application

Course Description:

This course will provide neurosurgeons, junior academic faculty, and residents with real world examples and guidance on how artificial intelligence (AI) can be used to make neurosurgical practice better for neurosurgeons and their patients. The course aims to help clinicians understand how to incorporate AI tools into their clinical practice and to critically evaluate models for their transparency, reliability, and efficacy.

Learning Objectives:

Upon completion of this course, participants will be able to:

1. Recognize and potentially utilize Artificial Intelligence models that may help address common neurosurgical clinical questions.
2. Determine how one may create and deploy Artificial Intelligence models in neurosurgical practice.
3. Evaluate what makes a given Artificial Intelligence model reliable and efficacious.
4. Assess various datasets and tools that can lower the barrier to entry for developing and using artificial intelligence.

ACCME Accreditation Statement

The Congress of Neurological Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement

The Congress of Neurological Surgeons designates this [activity format] for a maximum of 5.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Reviewers: Tiffany Hodges

Planners: Rui Feng, Ramesh Grandhi, Eric Oermann

Faculty: David Coletta, Rui Feng, Nico Goff, Xu Han, Todd Hollon, Eric Oermann, Olivier Tak, Eunice Yang

AGENDA

All times are listed in Central Time

Saturday, May 30, 2026

Time	Topic	Speaker
9:00-9:15 am	Welcome & Introduction	Rui Feng & Eric Oermann
9:15-10:00 am	How to Evaluate AI Tools and AI Literature	Nico Goff
10:00-10:45 am	How to Work with LLMs in Neurosurgery	Eunice Yang
10:45-11:00 am	BREAK	
11:00-11:45 am	Optimizing Neurosurgical Practice using AI	David Coletta
11:45 am-12:30 pm	Developing AI Skillset as a Junior Faculty Member	Todd Hollon
12:30-12:45 pm	BREAK	
12:45-1:30 pm	Neurodatahub and Getting Data Resources	Xu Han
1:30-2:15 pm	Medical AI and Neurosurgery, the Investor Perspective	Olivier Tak
2:15-2:30 pm	Wrap-up	Rui Feng & Eric Oermann

Agenda and faculty subject to change

RELEVANT CONFLICT OF INTEREST DISCLOSURES

CNS Disclosure Policy

The Congress of Neurological Surgeons controls the content and production of this CME activity and attempts to assure the presentation of balanced, objective information. In accordance with the Standards for Integrity and Independence in Accredited Continuing Education established by the Accreditation Council for Continuing Medical Education (ACCME), speakers are asked to disclose all relationships they have with ineligible companies* over the previous 24 months which may be related to the content of their lecture. Speakers who have disclosed a relationship with an ineligible company whose products may have relevance to their presentation are listed below.

Any planner, reviewer, or faculty member not on the disclosure list has reported they have nothing to disclose.

All relevant financial relationships listed for these individuals have been mitigated.

**Ineligible companies are those whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. An ineligible company is not eligible for ACCME accreditation or participation in Joint Providership.*

Agenda and faculty subject to change

Planner(s)

Individual's Name	Name(s) of Ineligible Company	Nature of Relationship(s)
Ramesh Grandhi	Balt Neurovascular, Cerenovus, Medtronic Neurovascular, Rapid Medical	Consulting Fee

Faculty

Individual's Name	Name(s) of Ineligible Company	Nature of Relationship(s)
Todd Hollon	Invenio Imaging, Inc	Future Stock Options

EDUCATION GRANTS & IN-KIND EQUIPMENT

Commercial Support:

Congress of Neurological Surgeons wishes to recognize and thank the following for providing an educational grant and/or use of equipment (in-kind):

Name of Commercial Supporter	In-Kind Support	Financial Support
None received for this course	N/A	N/A