NEUROLOGICAL SURGERY EDUCATION SERIES

(Picture depicting 3 doctors performing surgery)

May 6, 2026

7 – 8 AM **NEUROLOGICAL SURGERY GRAND ROUNDS**

Frederick G. Barker, M.D.
Professor of Neurosurgery, Massachusetts General Hospital
Professor of Neurosurgery, Harvard Medical School
William and Elizabeth Sweet Professor of Neurosurgery, Harvard Medical School

Talk Title: Defining the craniocerebral gunshot injury population: sociodemographic characteristics and trends

Learning Objectives:

- Discuss Describe the fundamental principles of large language models (LLMs), including their mechanisms of text generation, training dependencies, and key limitations such as bias and hallucination.
- Assess the appropriate and inappropriate applications of generative AI in neurosurgical research and academic writing, including use in manuscripts, grants, peer review, and reference management in the context of current policies.
- Discuss ethical risks and limitations of LLM use, including issues of accuracy, authorship, confidentiality, and the need for verification of AI-generated content in research and clinical practice.

8 – 9 AM **RESIDENT EDUCATION CONFERENCE**

Topic: TBD
Speaker: Frederick G. Barker, M.D.
Location: HMC Research & Training Building
No CME Credit

ACCREDITATION:

In support of improving patient care, The University of Washington School of Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The University of Washington School of Medicine designates this live activity for a maximum of *48 AMA PRA Category 1 Credits.* Physicians should claim only the credit commensurate with the extent of their participation in the activity. (Each 1 hour session is 1 credit)

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To request disability accommodations, contact ADA Office at least 10 days in advance.
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