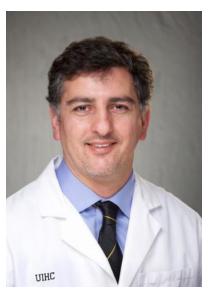




Clinical Neuroscience Grand Rounds Presented by the Department of Neurosurgery

Cerebral Aneurysms and Aspirin: Panacea or Illusion?



David Hasan, MD
Professor of Neurosurgery
University of Iowa Health Care

Friday, February 28th, 2020, 7:50 am, Cohen Auditorium, NIHB E 02 - 230 South Frontage Road

Course Director/Host: Jason Gerrard, MD, PhD/Murat Gunel, MD

This course will fulfill the licensure requirement set forth by the State of Connecticut

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

NEEDS ASSESSMENT

Unruptured intracranial aneurysms (UIAs) are estimated to be present in 3% of the western population. These subjects are at risk of subarachnoid hemorrhage (SAH), especially if the UIAs enlarge. Approximately 30,000 SAHs occur in the United States (US) every year. Approximately 12% of patients with SAH die before receiving medical attention, and 30% of those hospitalized die within one month after the event. Many survivors suffer from persistent cognitive deficits, with more than one-third harboring major neurologic disabilities. Recently human and animal studies suggest that inflammation play a critical role in aneurysm formation, progression to rupture-prone and ultimately rupture. The ability to modulate inflammation within the aneurysm wall could be a new innovative frontier in the management of unruptured intracranial aneurysms.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will learn:

- Inflammation plays critical role in cerebral aneurysm.
- 2. Aspirin modulate inflammation in wall of cerebral aneurysm.
- 3. Molecular imaging of inflammation in aneurysm is feasible.

<u>DESIGNATION STATEMENT</u>

The Yale School of Medicine designates this educational activity for 1 AMA PRA Category 1 Credit(s)TM. Physicians should claim credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURES

David Hasan, MD - none

Jason Gerrard, MD, PhD - Yes

Murat Gunel, MD - none

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