Integrated Neuroscience Session: New Antithrombotic Agents in Stroke Prevention

DIRECTOR
Natalia Sana Rost, MD, FAAN Boston, MA

PROGRAM DESCRIPTION
Despite advances in management of acute stroke, prevention of ischemic and hemorrhagic cerebrovascular disease remains a challenge. Novel oral anticoagulants (NOACs), a new class of drugs recently approved for prevention of strokes in atrial fibrillation, hold promise of an effective and safe therapy. This didactic interactive program will dissect the biological rationale and clinical evidence for use of NOACs in stroke prevention. Practical use of NOACs in real-life case scenarios and managing associated challenges will be discussed by the experts. Clinical science for future use and research ideas will be presented, and the participants will engage actively in testing their knowledge of NOAC’s use.

LEARNING OBJECTIVES
Upon completion, participants should:

– Understand the biological, pharmacological, and clinical rationale for the NOAC’s use in stroke prevention
– Review the opportunities and challenges of NOAC’s use for stroke prevention
– Understand the principles of management of thrombotic and hemorrhagic complications in patients using NOACs
– Review the potential future use of NOACs in stroke treatment and prevention

RECOMMENDED AUDIENCE
General Neurologists, Vascular Neurologists, Trainees, Acute Stroke Program Directors, Stroke Nurses

SCHEDULE

1:00 Introduction & Challenging Cases
Natalia Sana Rost, MD, FAAN Boston, MA

1:15 NOACs: Biology, Pharmacology, and Evidence for Clinical Use
Natalia Sana Rost, MD, FAAN Boston, MA

1:45 Challenges and Opportunities in Clinical Use of NOACs
David M. Greer, MD New Haven, CT

2:15 Management of Thrombotic and Bleeding Complications
Jose Biller, MD, FAAN, FACP, FAHA Chicago, IL

2:45 Future of NOACs: Potential Clinical and Research Use
Mitchell S. V. Elkind, MD, MS, FAAN New York, NY

3:15 Challenging Cases
Natalia Sana Rost, MD, FAAN Boston, MA

3:25 Moderated Expert Panel Questions and Answers
Faculty

RECOMMENDED COMPANION COURSE – Page 12
Prevention of Cardioembolic Stroke in Patients with Nonvalvular Atrial Fibrillation: Balancing the Evidence and Patient Preferences