



Abdominal Aortic Aneurysms: Clinical Update on Diagnosis and Treatment

Thursday, September 30, 2010

8:00—9:30 pm EDT

7:00—8:30 pm CDT

6:00—7:30 pm MDT

5:00—6:30 pm PDT

Course Description

This Webinar will review the current strategies for treating patients with Abdominal Aortic Aneurysms (AAA) from the office to the interventional suite. Topics will include current screening and diagnostic recommendations, medical management for small AAAs, procedural planning and techniques for Endovascular Aneurysm Repair (EVAR) including percutaneous access, and surveillance strategies and management of complications including endoleak. Attendees can interact live with faculty through Q&A discussions, and after the event will receive free online access to the recorded program.

Target Audience

Interventional radiologists and other physicians, allied health professionals, IR fellows, radiology residents and medical students who wish to remain current on the latest advances in the clinical management of abdominal aortic aneurysm (AAA) will benefit from this program.

Learning Objectives

After participating in this activity, learners should be able to:

- List the annual risk of rupture for abdominal aortic aneurysm (AAA) of varying sizes and what size to treat.
- Explain the role of screening and follow up of small aneurysms including the SAAAVE act.
- Cite the randomized control trials for abdominal aortic aneurysm disease: a) open vs. surveillance, b) open repair vs. endovascular.
- Relate the importance of lifestyle and risk factor modification to reduce all cause mortality.
- Select appropriate anesthesia and vascular access for endograft repair.
- Identify proper graft type and size for endograft repair.
- Describe how to intra-operatively image and place an endograft.
- Describe how to manage intra-operative complications.
- Implement a surveillance protocol for the post endovascular aneurysm repair (EVAR) patient.
- Distinguish between the different types of endoleaks.
- Implement treatment strategies for different types of endoleaks.

Educational Needs Statement

Abdominal aortic aneurysm (AAA) is a relatively common, potentially life-threatening condition. Most cases are asymptomatic and are often detected as an incidental finding using diagnostic imaging obtained for other reasons.

AAA is the 13th-leading cause of death in the United States, causing an estimated 15,000 deaths per year. The incidence of AAA is 2-4% in the adult population, and 11% of cases in that subset occur in males older than 65 years. Despite increased survival following diagnosis, incidence and mortality seem to be increasing. Approximately 60,000 people each year have surgery for AAA and two thirds undergo Endovascular Aneurysm Repair (EVAR). Currently EVAR is being offered to a broader population of patients than ever before and modern techniques are improving outcomes.

Faculty

Coordinator

Corey L. Teigen, MD, managing physician partner, Sanford Health, Fargo, N.D.

Moderator

Laura K. Findeiss, MD, chief of vascular and interventional radiology, Department of Radiological Sciences, University of California at Irvine School of Medicine, Orange, Calif.

Faculty

Corey L. Teigen, MD

Robert A. Lookstein MD, FSIR, FAHA, associate professor of radiology and surgery, associate director, Division of Interventional Radiology, director of cardiovascular imaging, Department of Radiology, Mount Sinai Medical Center, Mount Sinai School of Medicine, New York, N.Y.

George Vatakencherry, MD, Kaiser Permanente Los Angeles, Los Angeles, Calif.

Agenda (all times EDT) *Schedule subject to change*

8:00 pm *Welcome* (Laura K. Findeiss, MD)

8:05 pm *Evaluation and management of AAA: From screening to treatment* (George Vatakencherry, MD)

8:30 pm *Endograft procedure—from anesthesia to discharge* (Corey L. Teigen, MD)

8:55 pm *Diagnosis and management of endoleaks* (Robert A. Lookstein MD, FSIR, FAHA)

9:20 pm *Questions and answers*

Credit

The Society of Interventional Radiology is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Society of Interventional Radiology designates this educational activity for a maximum of *1.50 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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- Logo placement on Learning Center web site and recognition on SIRweb.org.
- Live and archived program company recognition for the life of the program (minimum three years).

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