

Hospital Grand Rounds

Stay up-to-date, learn about new developments, meet leaders in health innovation, and get to know your colleagues.

8:00 am-9:00 am, Children's National Auditorium, 2nd Floor Main

Wednesday, May 25, 2016

Michael Lecture

Surgical Robots: What Might Happen in the Next 25 Years



Presented by

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Medical robotics is a rapidly developing field with recognized commercial growth in recent years. Surgical robots are used in an increasing range of operations including cardiothoracic, abdominal, urological and colorectal interventions. Current surgical robots, including many still in laboratory development phases, are able to demonstrate minimal invasiveness, high accuracy and dexterity but are characterized by high cost, large bulk, complex set up requirements and poor human-robot interfaces. The purpose of this talk is to present some of the latest developments in surgical robotics including integrated imaging and guidance, and look into the next 25 years of some major breakthroughs that may happen.

Learning Objectives

Attendees of this session will be able to:

1. Describe the latest advances in robotic surgery
2. Discuss the translational challenges faced by robotics research
3. Illustrate the future trends of robotic surgery

Accreditation Information:

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of INOVA and Children's National Medical Center. The INOVA Office of Continuing Medical Education is accredited by the MSV to provide continuing medical education for physicians.

The Inova Office of Continuing Medical Education designates this live activity for a maximum of 1 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity. Physicians may claim up to 1 credit in Type 1 CME on the Virginia Board of Medicine Continued Competency and Assessment Form required for renewal of an active medical license in Virginia.

