Notice To CME Participants
The following information is being made available to you as required by the Accreditation Council for Continuing Medical Education (ACCME). Please review this information prior to moving onto the Virtual Hernia Clinic (VHC) case.

Course Instructions To Receive CME Credits
1. Participate in the case by assessing and treating the virtual patient
2. Earn a passing score of 100% on the end of activity post test/quiz (multiple attempts allowed)
3. Complete the online learner evaluation and CME credit form
4. Receive CME Credit Certificate

ACCME Accreditation Statement
The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Self-Assessment CME Credit, Part 2 of the American Board of Surgery (ABS) Maintenance of Certification Program: This activity has also been designated as Self-Assessment CME credit, which can be used toward fulfilling Part 2 of the ABS MOC program. In order to claim Self-Assessment credit, participants must complete all steps in this course.

Number of Designated Credit Hours
The Society of American Gastrointestinal Endoscopic Surgeons (SAGES) designates this enduring materials for a maximum of 4.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Learning Objectives
Given a clinical scenario of a female patient with a recurrent inguinal hernia, the learner will be able to:

- Pre-operatively:
  - Establish the diagnosis
- Intra-operatively:
  - Describe appropriate operative techniques and strategies
- Post-operatively:
  - Develop a management plan for post operative care
  - Identify opportunities for continuous quality improvement in the management of patients with recurrent hernias

Online Content
Knowledge domains covered in the VHC include, but are not limited to:

- General Principles (covers medical history, physical exam, anatomy and physiology, wound healing, medical history, restoring function, imaging, informed consent)
- Judgment and Clinical Decision-making (covers patient selection and preparation, risk factor adjustment, risk management, patient education,
applying evidence-based medicine, surgical and non-surgical options, and indications and contraindications

- Operative Technique (covers how to perform open (Lichtenstein) and laparoscopic (TAPP/TEP) repairs, incision planning, positioning, repair and error prevention management)
- Biomaterials (covers types of prosthetic materials/mesh, selection, complications related to mesh, evidence for use and matching patient to function)
- Complications (covers how to manage operative challenges, intraoperative and postoperative diagnosis and management)
- Patient-centered Outcomes and Values (covers quality of life issue, where/how value is experienced, and tracking appropriate data and adapting practice accordingly)
- Systems Based Practice/Quality Improvement (covers hospital and regulatory considerations, continuous improvement, appropriate use of resource and expertise, cycle of care issues)

Disclosures – Authors and Committee (Committee indicated in bold) Next Page
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<td>Carla M. Pugh</td>
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Grant Acknowledgement
SAGES gratefully acknowledges Bard-Davol, Ethicon and the SAGES Education & Research Foundation for their generous educational grants in support of the Virtual Hernia Clinic.

Principal Faculty and Their Credentials

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<tr>
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| Gina L. Adrales    | Gina L. Adrales, MD, MPH, FACS  
Director, Division of Minimally Invasive Surgery  
Associate Professor of Surgery  
John Hopkins Medicine |
| Diya Alaedeen      | Diya Alaedeen, MD, FACS  
Assistant Professor of Surgery  
Lerner College School of Medicine, Cleveland Clinic |
| Sharon L. Bachman  | Sharon L. Bachman, MD  
Director of Minimally Invasive Surgery  
Surgical Clerkship Director  
Inova Fairfax Hospital |
| Limaris Barrios    | Limaris Barrios, MD, FACS  
General Surgeon  
Middlesex Surgical Associates |
| Shani Belgrave     | Shani Belgrave, MD  
General Surgeon  
University of Maryland Medical Center. |
| Igor Belyansky     | Igor Belyansky, MD, FACS  
Director, Abdominal Wall Reconstruction Program  
Associate Chief of General Surgery  
Anne Arundel Medical Centre |
| Parag Bhanot       | Parag Bhanot, MD, FACS  
Associate Professor and Vice-Chairman  
Department of Surgery  
Medstar Georgetown University Hospital |
| Jeffrey Blatnik    | Jeffrey Blatnik, MD  
Assistant Professor of Surgery  
Department of Surgery  
Section of Minimally Invasive Surgery |
| Curtis Bower       | Curtis Bower, MD, FACS  
Assistant Professor of Surgery  
Director of Surgery Simulation  
Carilion Clinic |
| I. Bulent Cetindag | I. Bulent Cetindag, MD, FACS  
Associate Professor  
Division of General Surgery  
University of Iowa College of Medicine  
Mercy Medical Center |
<table>
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| David Chia-Chang Chen              | David Chia-Chang Chen, MD  
Associate Professor of Clinical Surgery  
David Geffen School of Medicine at UCLA |
| Andrew J. Duffy                    | Andrew J. Duffy, MD, FACS  
Associate Professor of Surgery  
Yale University School of Medicine |
| David B. Earle                     | David B. Earle, MD, FACS  
General Surgeon  
Lowell Surgical Associates         |
| LTC Byron James Faler              | LTC Byron James Faler, MD, FACS  
Residency Program Director  
Chief of General Surgery  
Dwight D. Eisenhower Army Medical Center |
| Edward Felix                       | Edward Felix, MD, FACS  
Senior Surgical Consultant and Surgeon  
Marian Regional Medical Center       |
| Robert J. Fitzgibbons, Jr.         | Robert J. Fitzgibbons, Jr., MD, FACS  
Harry E. Stuckenhoff Professor of Surgery  
Creighton University School of Medicine, Department of Surgery |
| David Fleiszer                     | David M. Fleiszer, MD, CM, FRCS(C)  
Associate Professor, McGill University  
Director, McGill Molson Medical Informatics Project |
| Gerald M. Fried                    | Gerald M. Fried, MD, FRCS(C), FACS  
Professor of Surgery and Gastroenterology  
Chairman of the Department of Surgery  
McGill University                   |
| William Fuller                     | William Fuller, MD, FACS  
General Surgeon  
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**Medium or Combination Of Media Used**  
Virtual Patient Simulation – Internet

**Estimated Time To Complete The Educational Activity**  
Virtual Patient Simulation – 4.5 hours

**Dates of Original Release**  
The virtual hernia patient on recurrence of inguinal hernia was originally published on  
**June 11, 2018.**

**Credit Expiration/Termination Date**  
June 11, 2021.

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This program was developed by the Hernia Task Force under the auspices of the Society of American Gastrointestinal Endoscopic Surgeons (SAGES) and approved by the Board of Governors. Any recommendations are considered valid at the time of their production, based on the data available.