

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](#)

Disclosures – Authors and Committee (Committee indicated in bold)

Name	Start Term	End Term	Disclosures	Company	Received	Role
Gina L. Adrales	2011	2018	Yes	Acelity Bard Davol	Research Research	Clinical Investigator Clinical Investigator
Diya Alaedeen	2015	2018	No			
Sharon L. Bachman (HTF Chair)	2015	2018	Yes	Premier	Honoraria	Consultant
Limaris Barrios	2016	2017	No			
Shani Belgrave	2016	2018	No			
Igor Belyansky	2014	2018	Yes	Covidien Life Cell	Consulting Fee Honoraria	Consultant Speaking/Teaching
Parag Bhanot	2013	2015	Yes	Life Cell	Honoraria	Speaking/Teaching
Jeffrey Blatnik	2015	2016	Yes	Bard Davol Medtronic Synapse Biomedical	Consulting Fee Consulting Fee Honoraria	Consultant Consultant Speaking/Teaching
Curtis Bower	2015	2018	No			
Brenda Castañeda (SAGES Staff)	2012	2018	No			
I. Bulent Cetindag	2014	2018	No			
David Chia-Chang Chen	2017	2018	Yes	Medtronic	Honoraria	Speaking/Teaching
Peter Denk (CITF Co-Chair)	2017	2018	No			
Andrew J. Duffy	2011	2018	Yes	Lexington Medical	Consulting Fee	Consultant
David B. Earle	2011	2018	Yes	New View Surgical Via Surgical Food and Drug	Ownership Interest Ownership Salary	Advisory Committee Advisory Committee Employment
LTC Byron James Faler	2016	2017	No			
Edward Felix	2015	2016	No			
Robert J. Fitzgibbons, Jr.	2011	2018	No			
David Fleiszer	2014	2016	No			

Name	Start Term	End Term	Disclosures	Company	Received	Role
Gerald M. Fried	2011	2013	Yes	CAE Healthcare No	No Compensation	Son works for CAE Healthcare in surgical training and simulation
William Fuller	2015	2018	No			
Vinay Goyal	2015	2018	No			
Jacob A. Greenberg	2012	2018	Yes	Bard-Davol Gore Medtronic Medtronic	Research Honoraria Research Honoraria	Site PI Speaking/Teaching Site PI Speaking/Teaching
Stephen Haggerty	2015	2018	No			
Kristi L. Harold	2011	2013	No			
B. Todd Heniford	2011	2015	Yes	Davol Ethicon Life Cell W. L. Gore	Honoraria Honoraria Honoraria Honoraria	Speaking/Teaching Speaking/Teaching Speaking/Teaching Speaking/Teaching
Brian P. Jacob	2011	2015	Yes	AngelMD	Ownership Interest	Employment
David Johnson	2015	2018	No			
Dennis R. Klassen	2011	2015	Yes	Cook CR Bard	Honoraria Honoraria	Speaking/Teaching Speaking/Teaching
Karl A. Leblanc	2011	2018	Yes	CR Bard/Davol Intuitive Surgical Via Surgical WL Gore	Honoraria Honoraria Ownership Interest Consulting Fee	Speaking/Teaching Speaking/Teaching Investor Consultant
Mike Kuo Liang	2015	2018	No			
Brent D. Matthews	2011	2017	Yes	WL Gore WL Gore	Honoraria Research Grant	Speaking/Teaching Co-investigator for multi-site prospective, longitudinal clinical trial

Name	Start Term	End Term	Disclosures	Company	Received	Role
Elizabeth McLemore (Continuing Education Co-Chair)	2017	2018	No			
John D. Mellinger	2014	2016	No			
Philip A. Omotosho	2013	2018	Yes	Covidien	Honoraria	Consultant
John Paige (Continuing Education Chair)	2017	2018	Yes	Acell	Research Grant	Investigator
Adrian Park	2011	2017	Yes	Stryker Endoscopy	Research	Advisory Committee
Richard A. Pierce	2013	2018	Yes	Intuitive Surgical Solutions Inc.	Research	Multi-Center Study Investigator
Nancy Posel	2014	2016	No			
Benjamin Poulouse (HTF Co-Chair)	2017	2018	Yes	Americas Hernia Society Quality Collaborative Ariste Medical Bard-Davol Pfizer	Salary Consulting Fee Research Consulting Fee	Management Position Consultant Other Principal Consultant
Carla M. Pugh	2011	2017	Yes	CAE Healthcare CAE Healthcare Covidien Intuitive Surgical	Royalty Royalty Research Equipment	Patent Holder Consultant Principal Investigator Research
Archana Ramaswamy	2015	2018	Yes	Intuitive Surgical Medtronic	Honoraria Consulting Fee	Attend a round table Consultant

Name	Start Term	End Term	Disclosures	Company	Received	Role
Bruce J. Ramshaw (HTF Co-Chair)	2011	2018	Yes	Acelity/Lifecell BG Medical Covidien Ethicon Pacira Surgical Momentum Surgiquest WL Gore	Honoraria Honoraria Consulting Fee Consulting Fee Consulting Fee Ownership Interest Consulting Fee Honoraria	Speaking/Teaching Speaking/Teaching Advisory Committee Advisory Committee Advisory Committee Board Member Advisory Committee Speaking/Teaching
LTC E. Matthew Ritter	2015	2017	No			
Sergio Roll	2011	2013	Yes	BBraun-Aesculap Covidian Ethicon Insightra Medical	Consulting Fee Honoraria Consulting Fee Consulting Fee	Advisory Committee Speaking/Teaching Advisory Committee Advisory Committee
Michael J. Rosen	2011	2013	Yes	Davol Lifecell	Honoraria Honoraria	Speaking/Teaching Speaking/Teaching
J. Scott Roth	2011	2017	Yes	Acelity Bard Bard Miromatrix Miromatrix MTF WL Gore	Research Honoraria Research Ownership Research Honoraria Honoraria	Investigator Speaking/Teaching Investigator Consultant Investigator Speaking/Teaching Speaking/Teaching
James Saxton	2015	2016	No			
Erin Schwarz (SAGES staff)	2017	2018	No			
Phil Shaddock (CITF Chair)	2017	2018	Yes	Teleflex Surgical	Consulting Fees	Consultant,
Sharon Shiraga	2015	2016	No			
Douglas S. Smink	2011	2018	Yes	Bard/Davol Medtronic	Consulting Fee Consulting Fee	Consultant Consultant

Name	Start Term	End Term	Disclosures	Company	Received	Role
Jonathan Solnik	2015	2016	Yes	Abbvie Medtronic	Consulting Fee Consulting Fee	Advisory Board Consultant
Jake Theis	2015	2016	No			
Monica Torres-Jimenez	2014	2016	No			
Shirin Towfigh	2011	2018	No			
Melina C. Vassiliou	2011	2017	No			
Ashley Vernon	2011	2013	No			
Guy R. Voeller	2011	2017	Yes	Davol WL Gore	Consulting Fee Honoraria	Consultant Speaking/Teaching
Jeremy A. Warren	2016	2018	Yes	Intuitive Maquet	Honoraria Honoraria	Speaking/Teaching Speaking/Teaching

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.

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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.

CONTACT INFORMATION

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PRIVACY AND CONFIDENTIALITY POLICY

SAGES is committed to respecting your privacy and the confidentiality of your personal data, testing data and testing results. Therefore, SAGES shall not sell, rent, trade or otherwise transfer any personal and/or activity data to any third party without your explicit permission, unless it is obliged to do so under applicable laws or by order of the competent authorities.

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SAGES reserves the right to modify the provisions of this Privacy Statement if deemed necessary. We will inform you of these changes by publishing the revised Privacy Statement. The revised Privacy Statement shall become effective within thirty (30) days of such publishing, unless you expressly accept the revised statement earlier by clicking on the accept button. You agree that the express acceptance by you, or your continued use of SAGES software after the notice period of thirty (30) days, shall constitute your acceptance of this Privacy Statement and the policies set forth herein.

DISCLAIMER

The Virtual Hernia Clinic (VHC) was established by experts in the field, and intended to assist practicing surgeons in the care of hernia patients. Any recommendations have been made based on existing data or a consensus of expert opinion when little or no data are available. This information is applicable to all physicians, without regard to specialty training or interests, who address these clinical problems and are intended to indicate the preferable, but not necessarily the only, acceptable approaches. This information is intended to be flexible. Given the wide range of specifics in any health care case, the surgeon must always choose the course best suited to the individual patient and the variables in existence at the moment of decision.

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