



3rd Annual Updates in Minimally Invasive Surgery



Portland, Oregon • September 26-30, 2005

- Advanced Laparoscopic Skills
- Solid Organ & Urologic Surgery
- Gastroesophageal Surgery
- Colorectal Surgery

Course Directors

Lee L. Swanstrom, MD
Paul D. Hansen, MD
David W. Bliss, MD
Mark H. Whiteford, MD

Guest Faculty

Jeffrey H. Peters, MD
Anthony J. Senagore, MD
John G. Hunter, MD
Elspeth McDougall, MD
Brett C. Sheppard, MD
Blair A. Jobe, MD
Bruce A. Lowe, MD
Steven K. Matous, MD

Minimally Invasive Surgery Program, Legacy Health System, Portland, Oregon
www.advancedlaparoscopy.com

Course Overview

Laparoscopic approaches have assumed an increasingly important role in the treatment of various surgical diseases in the last decade. The success and proven benefits of laparoscopic cholecystectomy and antireflux surgery have led many surgeons to adopt this approach for performing several technically challenging oncologic and non-oncologic procedures. Performance of various advanced laparoscopic procedures requires surgeons to have an updated knowledge and to be proficient in essential advanced skills and efficient use of modern state of the art equipment. There is a definite need for high-quality education regarding all of these for any surgeon having some experience in laparoscopic surgery and is interested in exploring advanced laparoscopic procedures.

This CME activity is specifically designed for surgeons who already have experience in laparoscopic surgery and wish to be updated on the latest advancements in the field. Experts in the field using didactic methods will give participants an in-depth exposure to current trends and developments in field of advanced laparoscopic. Live surgeries will be televised and narrated by the surgical faculty to provide practical operative tips. An extensive (optional) hands-on component will allow participants to practice the techniques they have learned under the guidance of recognized faculty. The course format allows an informal exchange of questions and answers between all participants and faculty members and provides an opportunity to the participants to present and discuss their difficult cases with the panel of experts.

Who Should Attend

This CME activity is designed for **General Surgeons, Gastroesophageal Surgeons, Colorectal Surgeons, GYN Surgeons and Urologists** interested in obtaining a comprehensive update on advanced techniques and latest developments in a variety of core topics in the field of minimally invasive surgery.

Accreditation

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 sponsorship of the American College of Surgeons and MIS Program, Legacy Health System. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

CME Credit



The American College of Surgeons designates this educational activity for up to a maximum of 35 category 1 credits towards the AMA Physician's Recognition Award. Each physician should claim only those credits that he or/ she actually spent in the educational activity.

SAGES Endorsement



This course meets the guidelines as established in the "Framework for Post-Residency Surgical Education and Training" and is endorsed by the Society of American Gastrointestinal Endoscopic Surgeons (SAGES).

Faculty Disclosure

In accordance with Accreditation Council for Continuing Medical Education requirements on disclosure, information about relationships of presenters with commercial interests (if any) will be included in materials distributed at the time of the conference.

Course Faculty

Course Directors



Lee L. Swanström, MD
Medical Director
Minimally Invasive Surgery Program
Legacy Health System
Portland, Oregon



Paul D. Hansen, MD
Medical Director Hepatobiliary Surgery
Minimally Invasive Surgery Program
Legacy Health System
Portland, Oregon

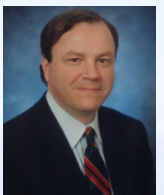


David W. Bliss, MD
Medical Director Pediatric Surgery
Minimally Invasive Surgery Program
Legacy Health System
Portland, Oregon



Mark H. Whiteford, MD
Colorectal Surgeon
Minimally Invasive Surgery Program
Legacy Health System
Portland, Oregon

Guest Faculty



Jeffrey H. Peters, MD
Chair and Professor of Surgery
Department of Surgery
University of Rochester Medical Center
Rochester, New York



Anthony J. Senagore, MD
Professor and Chair
Department of Surgery
Medical University of Ohio
Toledo, Ohio



Elsbeth McDougall, MD
Professor of Urology
Director of Yamanouchi Center for Urological
Education
University of California Irvine
Irvine, California



John G. Hunter, MD
Chair and Professor of Surgery
Department of Surgery
Oregon Health and Science University
Portland, Oregon



Brett C. Sheppard, MD
Professor of Surgery
Department of Surgery
Oregon Health and Science University
Portland, Oregon



Blair A. Jobe, MD
Assistant Professor of Surgery
Department of Surgery
Oregon Health and Science University
Portland, Oregon



Bruce A. Lowe, MD
Urologist
Legacy Health System
Portland, Oregon



Steven K. Matous, MD
Medical Director
Donor Nephrectomy Program
Legacy Health System
Portland, Oregon

Advanced Laparoscopic Skills

Monday, September 26

Course Director: David Bliss, MD

Faculty: Lee L. Swanström, MD

Paul D. Hansen, MD

Michelle Taylor, MD

Objectives:

Following completion of this program, participants should be able to:

- Discuss key technical issues essential for performing advanced laparoscopic procedures
- Explain general laparoscopic complications and their management
- Discuss laparoscopic management of complicated patients such as obese patients, patients with previous abdominal surgery and pregnant patients
- Describe role of laparoscopic ultrasound
- Apply advanced laparoscopic techniques practiced in a faculty supervised hands-on laboratory session

Didactics

7:30 am – 4:00 pm

- 7:30 am Registration and Breakfast
- 8:00 am Key Technical Issues in Advanced Laparoscopic Surgery
David W. Bliss, MD
- 8:20 am Laparoscopic Surgery in Complicated Patients (Previous Abdominal Surgery, Obese Patients, Pregnant Patients, Etc.)
Lee L. Swanström, MD
- 8:40 am General Laparoscopic Complications: Identification and Management
David W. Bliss, MD
- 9:00 am Intraoperative Ultrasound: A Valuable Adjunct to Laparoscopic Surgery
Paul D. Hansen, MD
- 9:20 am Break/Exhibits
- 9:35 am Panel Discussion
- 10:05 am Essential Skills for Advanced Laparoscopic Surgeons: Suturing, Knot Tying, Stapling, and Wound Closure
Michelle Taylor, MD
- 10:30 am Hands-On Laparoscopic Suturing and Knot Tying, and Instruments Review

11:30 am Lunch

12:00 noon Exhibits / Learning Center

12:30 pm Travel to Lab

Hands-On Lab

1:00 pm – 4:00 pm

Tasks:

- Laparoscopic Bowel Resection and Anastomosis
- Laparoscopic Ultrasound Guided Biopsy
- Laparoscopic Suturing and Knot Tying
- Controlling Major Hemorrhage
- Advanced Laparoscopic Dissection Techniques and Adhesiolysis
- Advanced Laparoscopic Procedures Such as:
 - Laparoscopic Hysterectomy
 - Laparoscopic Nephrectomy
 - Laparoscopic Fundoplication/ Pyloroplasty
 - Laparoscopic Adrenalectomy / Splenectomy
 - Laparoscopic Bladder Neck Suspension

Social Event

Monday, September 26

6:30 pm – 9:30 pm

Willamette River Dinner Cruise

www.portlandspirit.com



Solid Organ and Urologic Surgery

Tuesday, September 27 - Wednesday, September 28*

Course Director: Paul D Hansen, MD

Faculty: Elspeth McDougall, MD

Brett C. Sheppard, MD

Lee L. Swanström, MD

Bruce A. Lowe, MD

Steven K. Matous, MD

Objectives:

Following completion of this program, participants should be able to:

- Discuss the laparoscopic technique for performing adrenalectomy, and donor nephrectomy
- Explain the role of radiofrequency ablation in management of hepatic and renal tumors
- Describe role of handport in laparoscopic solid organ/ urologic surgery
- Discuss the nephron sparing laparoscopic surgery for renal tumors / or discuss the technical aspects laparoscopic hepatic resection and HAIPP
- Describe advanced laparoscopic urologic procedures such as RALP, pyeloplasty, and sacrocolpopexy / or describe the indications for and technique of laparoscopic pancreatic surgery and splenectomy
- Apply advanced laparoscopic techniques practiced in a faculty supervised hands-on laboratory session

Didactics

Tuesday, September 27

7:30 am – 4:00 pm

All Participants:

- 7:30 am Registration and Breakfast
- 8:00 am Technique of Laparoscopic Adrenal Surgery
Brett C. Sheppard, MD
- 8:30 am Radiofrequency Ablation: Overview
Paul D. Hansen, MD
- 9:00 am Laparoscopic Donor Nephrectomy
Steven K. Matous, MD
- 9:30 am Role of Handport in Laparoscopic Solid Organ/ Urologic Surgery
Paul D. Hansen, MD
- 10:00 am Break / Exhibits

Urologists:

- 10:15 am Laparoscopic Nephron Sparing Surgery for Renal Tumors
Elspeth McDougall, MD
- 10:40 am Minimally Invasive Radical Nephrectomy
Bruce A. Lowe, MD
- 11:05 am Laparoscopic Pyeloplasty/ Sacrocolpopexy
Elspeth McDougall, MD
- 11:20 am Retroperitoneal and Pelvic Lymph Node Dissection: Laparoscopic Approach
Bruce A. Lowe, MD
- 11:35 am Robotics in Urologic Surgery: Robot Assisted Laparoscopic Prostatectomy
Elspeth McDougall, MD
- 12:00 noon Discussion / Case Presentations
- 12:30 pm Lunch
- 1:00 pm Exhibits
- 2:00 pm Live Telesurgery / Video Presentations
- 4:00 pm Evaluation and Adjourn

General Surgeons:

- 10:15 am Laparoscopic Hepatic Resections and Hepatic Artery Pump Placement
Paul D. Hansen, MD
- 10:45 am Laparoscopic Splenectomy: Current Indications, Technique, and Complications
Lee L. Swanström, MD
- 11:15 am Minimally Invasive Pancreatic Surgery: From Pseudocysts to Resections
Paul D. Hansen, MD
- 11:45 am Discussion / Case Presentations
- 12:30 pm Lunch
- 1:00 pm Exhibits
- 2:00 pm Live Telesurgery / Video Presentations
- 4:00 pm Evaluation and Adjourn

Hands-On Lab

Wednesday, September 28*

8:30 am – 11:30 am

(*This lab is also available from 1-4 pm on Thursday, Sept. 29 and Friday, Sept. 30)

Tasks:

- Lap Adrenalectomy, Splenectomy and Nephrectomy
- Lap Hepatic Resection, HAIPP, Ultrasound and RFA

Gastroesophageal Surgery

Tuesday, September 27 - Thursday, September 29*

Course Director: Lee L. Swanström, MD

Faculty: Jeffrey H. Peters, MD

John G. Hunter, MD

Blair A. Jobe, MD

Objectives:

Following completion of the gastroesophageal session the participants should be able to:

- Describe preoperative evaluation and selection of ideal patient for antireflux surgery and endoscopic treatment of GERD
- Explain the current trends in endoscopic treatment of GERD
- Describe techniques, and long-term results of various anti-reflux procedures
- Discuss laparoscopic management of giant paraesophageal hernias, achalasia and other motility disorders
- Describe current trends in the management of Barrett's esophagus
- Explain crucial elements of laparoscopic redo surgery for failed fundoplication and Heller's myotomy
- Discuss role of laparoscopic esophagectomy in the management of various benign and malignant diseases of the esophagus
- Apply advanced laparoscopic techniques practiced in a faculty supervised hands-on laboratory session

Didactics

Tuesday, September 27

5:30 pm – 8:00 pm

Endoscopic Management of Gastroesophageal Disorders

- 5:30 pm Registration
- 6:00 pm Dinner
- 6:30 pm Evaluating and Selecting the Ideal Patient for Antireflux Surgery or Endoluminal Treatment
John G. Hunter, MD
- 7:00 pm Endoscopic Treatment of GERD: How Good are Current Treatments
Lee L. Swanström, MD
- 7:30 pm Ablation, Endoscopic Stenting, and Other Palliative Options
Jeffrey H. Peters, MD
- 8:00 pm Evaluation and Adjourn

Wednesday, September 28

7:30 am – 4:00 pm

Advanced Issues in Laparoscopic Management of Gastroesophageal Disorders

- 7:30 am Registration and Breakfast
- 8:00 am Laparoscopic Antireflux Surgery: History of Techniques and Outcomes
Lee L. Swanström, MD
- 8:30 am Atypical Presentation of GERD: Assessment and Treatment
Blair A. Jobe, MD
- 9:00 am Giant Paraesophageal Hernias: Critical Elements of Laparoscopic Repair
Jeffrey H. Peters, MD
- 9:30 am Minimally Invasive Surgical Management of Achalasia and Other Motility Disorders
Blair A. Jobe, MD
- 10:00 am Break / Exhibits
- 10:15 am Laparoscopic Redo Surgery for Failed Fundoplication and Heller's Myotomy
John, G. Hunter, MD
- 10:45 am Current Trends in Management of Barrett's Disease
Jeffrey H. Peters, MD
- 11:15 am Laparoscopic Esophagectomy for Benign and Malignant Conditions
Lee L. Swanström, MD
- 11:45 am Discussion / Case Presentations
- 12:30 pm Lunch
- 1:00 pm Exhibits
- 2:00 pm Live Telesurgery / Video Presentations
- 4:00 pm Evaluation and Adjourn

Hands-On Lab

Thursday, September 29*

8:30 am – 11:30 am

(* This lab is also available from 1-4 pm on Friday, Sept. 30)

Tasks:

- Endoscopic Antireflux Procedures
- Laparoscopic Funduplications / Pyloroplasty
- Heller's / Long Thoracic Myotomy/ Esophagectomy

Colorectal Surgery

Thursday, September 29 - Friday, September 30

Course Director: Mark H Whiteford, MD

Faculty: Anthony J. Senagore, MD

Michelle Taylor, MD

Objectives:

Following completion of the gastroesophageal session the participants should be able to:

- Describe preoperative evaluation and OR set-up for laparoscopic colorectal resection
- Discuss current status of laparoscopic management of colorectal cancer
- Describe the technique of laparoscopic and hand assisted colon resection
- Explain the role of minimally invasive approach in the management diverticulitis
- Define various advanced minimally invasive rectal procedures such as TME, laparoscopic management of rectal prolapse and transanal endoscopic microsurgery (TEM)
- Apply advanced laparoscopic techniques practiced in a faculty supervised hands-on laboratory session

Didactics

Thursday, September 29

7:30 am – 4:00 pm

- 7:30 am Registration and Breakfast
- 8:00 am Laparoscopic Colorectal Surgery: Preoperative Evaluation and OR Set-Up
Mark H. Whiteford, MD
- 8:15 am Laparoscopic Management of Colorectal Cancer: The Current Status
Anthony J. Senagore, MD
- 8:45 am Technique for Laparoscopic Colon Resection: Medial to Lateral Approach
Mark H. Whiteford, MD
- 9:15 am Minimally Invasive Approach for Diverticulitis
Anthony J. Senagore, MD
- 9:45 am Break / Exhibits
- 10:00 am Hand Assisted Laparoscopic Colorectal Surgery
Mark H. Whiteford, MD
- 10:30 am Advanced Minimally Invasive Rectal Surgery: TME, Rectal Prolapse
Anthony J. Senagore, MD

- 11:00 am Transanal Endoscopic Microsurgery (TEM)
Mark H. Whiteford, MD
- 11:15 am Laparoscopic Management of Small Bowel Disease
Michelle Taylor, MD
- 11:45 am Training Guidelines and Credentialing
Anthony J. Senagore, MD
- 12:00 noon Discussion / Case Presentations
- 12:30 pm Lunch
- 1:00pm Exhibits
- 2:00 pm Live Telesurgery / Video Presentations
- 4:00 pm Evaluation and Adjourn

Hands-On Lab

Friday, September 30

8:30 am – 11:30 am

Tasks:

- Right Hemicolectomy
- Left Hemicolectomy
- Transverse Colectomy
- Total Colectomy
- Small Bowel Resection and Anastomosis
- Low Anterior Resection

Social Event

Thursday, September 29

6:30 pm – 9:30 pm

Upper Pearl Wine Tasting & Buffet

www.urbanwineworks.com



Registration Information

Course Location

Didactic and Exhibits:

• **Legacy Emanuel Hospital – Lorenzen Center**
301 N. Graham, Portland, OR

• **Tuesday, Sept. 27 Evening GERD Lectures**

Holiday Inn Downtown Convention Center

1441 NE 2nd Ave, Portland, OR

Hands-On Lab:

Legacy Clinical Research and Technology Center

1225 NE 2nd Ave, Portland, OR

(For driving directions logon to:
www.advancedlaparoscopy.com)

Hotel Information

Hotel Vintage Plaza

422 SW Broadway, Portland, OR 97205

(503) 228 1212

Rate: \$149

The Hotel Vintage Plaza is located in the heart of downtown Portland, just 3 short blocks to the Max light rail. The hotel is decorated in Mediterranean tones and offers daily afternoon wine tasting.

Marriot Hotel (Courtyard)

435 NE Wasco, Portland, OR 97201

(503) 234 3200

Rate: \$ 89

The Marriott Hotel is located about two blocks from the Legacy Clinical Research and Technology Center . The hotel is also located near shopping in Lloyd Center area and Max light rail.

Holiday Inn (Downtown Convention Center)

1441 NE 2nd Ave., Portland, OR 97232

(503) 233 2401

Rate \$ 82

The Holiday Inn is located one block from the Legacy Clinical Research and Technology Center and two blocks from Max light rail line which connects with Lloyd Center Mall to east and downtown Portland to the west.

Registration Information

Registration Deadline: September 9, 2005

How to Register:

Mail or Fax completed registration form to:

Bev Oylear

Legacy Emanuel Hospital and Health Center,
MIS Program

2801 N. Gantenbein

Portland, OR 97227

Fax: (503) 413 4364

Registration form can be downloaded from
www.advancedlaparoscopy.com

For more information email:

boylear@lhs.org

For Further Information and Registration After Deadline:

Please call: 1(800) 896-6275 or

Email: boylear@lhs.org

Cancellation Policy:

If you are unable to attend the course and must cancel your registration, a refund less a \$50 administration fee will be returned if we are notified by September 9, 2005.

Cancellations after this date will not be eligible for refund. The organizers reserve the right to cancel this course of specific sessions of the course / or hands-on lab due to low registration. Registrants will be notified of cancellation 10 days in advance and will be given a full refund of the registration fee. The organizers will not be responsible for airfare or hotel cancellation fees under any circumstances. Guest speakers and course directors may be changed without prior notice.

Special Needs:



Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of any such needs at least two weeks in advance.

Registration Form and Course Calendar

Course Calendar

Day 1 Monday, September 26	7:30 am – 4:00 pm	<input type="checkbox"/> Advanced Skills Course Didactic + Hands-On Lab	Lorenzen Center / Legacy Clinical Research & Technology Center
	6:30 pm – 9:30 pm	<input type="checkbox"/> Social Event Willamette River Dinner Cruise	www.portlandspirit.com
Day 2 Tuesday, September 27	7:30 am – 4:00 pm	<input type="checkbox"/> Solid Organ and Urologic Surgery Didactics	Lorenzen Center
	5:30pm – 8:00 pm	<input type="checkbox"/> Gastroesophageal Surgery Didactics (Part-1) Includes Dinner	Holiday Inn Downtown Convention Center
Day 3 Wednesday, September 28	7:30 am – 4:00 pm	<input type="checkbox"/> Gastroesophageal Surgery Didactics (Part-2)	Lorenzen Center
	8:30 am – 11:30 am	<input type="checkbox"/> Solid Organ and Urologic Surgery Hands-On Lab	Clinical Research & Technology Center
Day 4 Thursday, September 29	7:30 am – 4:00 pm	<input type="checkbox"/> Colorectal Surgery Didactic	Lorenzen Center
	8:30 am – 11:30 am	<input type="checkbox"/> Gastroesophageal Surgery Hands-On Lab	Legacy Clinical Research & Technology Center
	1:00 pm – 4:00 pm	<input type="checkbox"/> Solid Organ and Urologic Surgery* Hands-On Lab	Legacy Clinical Research & Technology Center
	6:30 pm – 9:30 pm	<input type="checkbox"/> Social Event Upper Pearl Wine Tasting	www.urbanwineworks.com
Day 5 Friday, September 30	8:30 am – 11:30 am	<input type="checkbox"/> Colorectal Surgery Hands-On Lab	Legacy Clinical Research & Technology Center
	1:00 pm – 4:00 pm	<input type="checkbox"/> Solid Organ and Urologic Surgery* Hands-On Lab <input type="checkbox"/> Gastroesophageal Surgery* Hands-On Lab	Legacy Clinical Research & Technology Center

* The Solid Organ and Gastroesophageal Surgery Hands-On Labs are available on these additional days for participants registering for multiple sessions. These labs may be cancelled in case of low attendance.

Sponsors: Following industries have provided generous support for this CME activity

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Legacy Emanuel Hospital And Health Center
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