



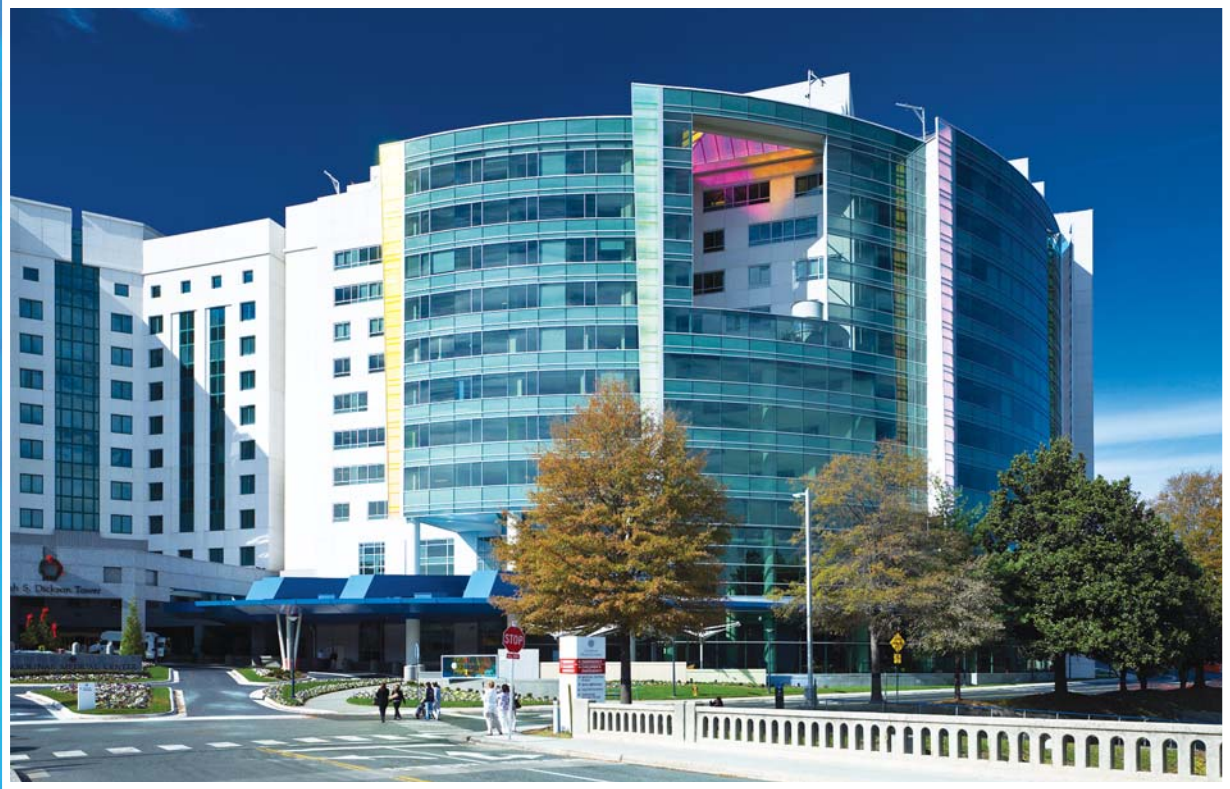
COURSE CATALOGUE 2009

Carolinas Laparoscopic & Advanced Surgery Program



Carolinas Medical Center

Uncompromising Excellence. Commitment to Care.



THE 234-BED LEVINE CHILDREN'S HOSPITAL
ON THE CAMPUS OF CAROLINAS MEDICAL CENTER.



CAROLINAS LAPAROSCOPIC
& ADVANCED SURGERY PROGRAM

2009 COURSE OFFERINGS

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May 17 - 18 • November 1 - 2

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*Course offerings with asterisk are Category 1

Dear Colleague:

The Carolinas Laparoscopic & Advanced Surgery Program (CLASP), founded at Carolinas Medical Center in 1998, has focused on three main pillars of activity: patient care, research and education. Our busy 808-bed tertiary/quaternary referral hospital has been an excellent backdrop for these clinical and academic pursuits. By combining medicine and technology, our aim has been to enhance patient care and comfort. The charge in Minimally Invasive Surgery(MIS) has been led by the Department of Surgery through CLASP, but it is truly a multi-disciplinary center that also involves Trauma, Surgical Oncology, Urology, Gastroenterology, HepatoPancreaticoBiliary, Gynecology, Neurosurgery, Thoracic and Orthopedic Surgery. In addition, the talents of these physicians, nurses, administrators and technicians have combined to fulfill the mandate of the program. As the region's first center to exclusively specialize in MIS, CLASP has pioneered new surgical techniques and extensively studied various methods of surgical education, for residents and attending physicians. In addition, rigorous attention to the diagnoses, treatments and outcomes of our patients through databases and extended follow-up have allowed us to document the successes of our program. This also allows a system of checks and balances to ensure that true long-term results are not sacrificed for a short-term, minimally invasive gain.

Education is truly a cornerstone of CLASP. Laparoscopic and other minimally invasive and technology-based surgeries are rapidly changing how we take care of our patients. Mastering these techniques has become a priority for residents and attending surgeons throughout the region and the country. To enhance the learning environment and fulfill the education mandate, CLASP has built a state-of-the-art didactic center and dry laboratory and has access to a modern, on-campus vivarium and simulation center. These facilities along with our outstanding faculty, visiting professors, and the ability to teleconference directly to the CLASP classroom from our operating room, as well as others from around the world, have led to an overwhelmingly positive response from our previous course and symposium attendees. Over the last ten years, we offered numerous MIS workshops in Advanced Laparoscopy, Trauma and Critical Care, Surgical Oncology, Gynecology and Urology. In doing so, more than 2,500 physicians from 30 states, nine countries and 41 academic institutions attended our courses.

This experience has facilitated our comprehension of the teaching environment necessary to fulfill a surgeon's educational requirements. Plenary abstracts and peer-reviewed articles focusing on surgical education have been presented and published with the aid of our previous course participants (1-3). These are some of the first papers to actually demonstrate the outcomes of teaching fully-trained surgeons and residents new and advanced MIS surgical techniques. The educational milieu has actually shifted over the last 18 months from day-long courses with lectures and a vivarium experience to two-and-one-half day "mini-fellowships," which have resulted in a remarkable outpouring of interest.

We are very pleased and proud of the partnerships we have developed within the administration, the vivarium, and our academic leaders, all of whom have facilitated these academic endeavors. We want to especially thank Judy Quesenberry, who coordinates CLASP's education programs, Sue Rucho, ANP, MBA, the administrator of CLASP and Michelle Amabile, who aids in coordination of all our activities. We look forward to seeing you in Charlotte.

Carolinas Laparoscopic & Advanced Surgery Program Course Directors:

B.Todd Heniford, MD, FACS	Ronald F. Sing, DO, FACS
Kent W. Kercher, MD, FACS	Richard L. White, Jr., MD, FACS
Timothy Kuwada, MD, FACS	Frederick L. Greene, MD, FACS
Keith S. Gersin, MD, FACS	Chris M. Teigland, MD, FACS
David A. Iannitti, MD, FACS	Pierce B. Irby III, MD, FACS
Dimitrios Stefanidis, MD, PhD, FACS	

1- Heniford BT, Backus CL, Matthews BD, Teel W, Greene FL, Sing RF: Optimal teaching environment for laparoscopic splenectomy: Practical course versus a precepted experience. *Amer J of Surg* 181:226-230.

2 - Heniford BT, Matthews BD, EA Box, Kercher K, Greene FL, Sing RF: Optimal teaching environment for laparoscopic ventral herniorrhaphy. *Hernia*: 6(1):17-20.

3 - Harold KL, Matthews BD, Backus CL, Pratt B, Heniford BT: Prospective randomized evaluation of surgical resident proficiency with laparoscopic suturing following course instruction. *Surg Endosc* 16:1729-1731.



Front Row: Michelle Amabile, Christina Acker, Carla Kirby, RN, Delois DeShazo, RN, Ajita Prabhu, MD, Phuong Nguyen, MD, Amanda Balasco, Sue Rucho, NP, Ronald Sing, DO

Second Row: John Martinie, MD, Cathy Drake, NP, Timothy Kuwada, MD, Reggie McFadden, RN, Amy Lincourt, PhD, Kent Kercher, MD, Dimitrios Stefanidis, MD, Judy Quesenberry, Yuliya Yurko, MD, Mike Raymond, Blake Watterworth, Charles Dolce, MD, Patrick Steele, Nancy Mailman, Greg Mittl, Debbie Spells, Suman Medda, Gale Groseclose, RN, Catherine Tweddale, Lane Baldwin

Third Row: Evon Zoog, Kristian Dacey, Stephen Smeaton, Keith Gersin, MD, Jessica Heath, B. Todd Heniford, MD, David Iannitti, MD, Jennifer Keller, MD, Paul Rucho

Dear Colleague:

The application of minimal access techniques in the diagnosis and management of surgical disease is an exciting and challenging area for those involved in continuing education for the general surgeon. In addition, the staging of cancer and the application of new technology for managing common surgical dilemmas creates an opportunity for all of us to join in stimulating opportunities for interactive learning.

As Chair of the Department of Surgery at Carolinas Medical Center, I am pleased to join with our outstanding faculty in offering this unique array of continuing medical education courses, which will be presented in 2009. As you consider your needs for continuing education, especially in the area of new technology for your practice, I hope that you will choose to partake of the course selection offered by our CLASP group. We look forward to seeing you in Charlotte.

Frederick L. Greene, MD, FACS

Chair, Carolinas Medical Center
Department of Surgery

B. Todd Heniford, MD, FACS

CHIEF, DIVISION OF GASTROINTESTINAL & MINIMALLY INVASIVE SURGERY; CO-DIRECTOR, CAROLINAS LAPAROSCOPIC & ADVANCED SURGERY PROGRAM; CO-DIRECTOR, CAROLINAS HERNIA CENTER



Dr. Heniford is originally from the Carolinas, an ex-Clemson football player, and a graduate of the Medical University of South Carolina. He completed his surgical residency at the University of Louisville, as well as a research fellowship in surgical oncology. He remained on the faculty there in the Department of Surgery until moving to The Cleveland Clinic Foundation in Ohio.

There, he completed a minimally invasive surgery fellowship and joined the faculty in the Division of Minimally Invasive Surgery. He moved to Carolinas Medical Center where he has worked to establish CLASP since 1998. His interests include esophageal solid organ and colonic surgery, hernias and biomaterials and cancer. Dr. Heniford has written numerous papers in these areas and has authored two textbooks, *Minimally Invasive Cancer Management* and *Abdominal Wall Complications*.

Kent W Kercher, MD, FACS

CHIEF, MINIMAL ACCESS SURGERY; CO-DIRECTOR, CAROLINAS LAPAROSCOPIC & ADVANCED SURGERY PROGRAM; CO-DIRECTOR, CAROLINAS HERNIA CENTER



Dr. Kercher is a North Carolina native and a cum laude graduate of Davidson College. He obtained his medical degree with distinction from the University of North Carolina prior to completing his general surgery training at Carolinas Medical Center in 1999. Dr. Kercher joined the Department of Surgery faculty at Carolinas Medical Center in August 2000 after completing fellowship training in minimally invasive surgery at the University of Massachusetts. He is currently the Chief of Minimal Access Surgery for Carolinas Laparoscopic & Advanced Surgery Program. His primary clinical focus includes minimally invasive solid organ and gastrointestinal surgery as well as hand-assisted laparoscopic surgery. In addition to directing the laparoscopic live donor nephrectomy program in the Department of Transplantation, he has a particular interest in laparoscopic and hand-assisted nephrectomy for benign and malignant renal diseases. Other areas of emphasis include laparoscopic hernia repair, laparoscopic splenectomy and laparoscopic adrenalectomy.

Timothy S. Kuwada, MD, FACS

DIRECTOR, BARIATRIC FELLOWSHIP



Dr. Kuwada grew up in Connecticut and obtained his undergraduate and medical degrees from the University of Connecticut. He received his general surgery training at the Medical College of Wisconsin. After completing an advanced laparoscopic fellowship at Northwestern University, he joined the faculty at Carolinas Medical Center in 2004. Dr. Kuwada specializes in minimally invasive approaches to foregut, colon and

hernia surgery. He has a strong interest in bariatric surgery and has extensive experience with laparoscopic Roux-en-Y gastric bypass.

Keith S. Gersin, MD, FACS (CONTINUED)

flexible endoscopic fellowship at The Cleveland Clinic Foundation in Ohio. He joined the faculty at Carolinas Medical Center in 2005 from the University of Cincinnati, where he served as the Director of Surgical Endoscopy, Laparoscopy and the Bariatric Surgical program. Dr. Gersin's current interests include bariatric surgery, minimally invasive surgery and flexible endoscopy.

David A. Iannitti, MD, FACS

CHIEF, HEPATOPANCREATICOBILIARY SURGERY, DIVISION OF GASTROINTESTINAL & MINIMALLY INVASIVE SURGERY



Dr. Iannitti completed his residency at Brown University and a fellowship in the area of HPB surgery at The Cleveland Clinic Foundation. Dr. Iannitti's interests include hepatobiliary, pancreatic and upper gastrointestinal surgery. He specializes in advanced laparoscopic procedures and hepatic tumor ablation. He is a member of the American Hepato-Pancreato-Biliary Association, the International Hepato-

Pancreato-Biliary Association, the Society of Surgical Oncology, SAGES and SSAT.

Keith S. Gersin, MD, FACS

CHIEF, BARIATRIC SURGERY



Dr. Gersin grew up in Boston. He obtained his undergraduate degree with honors in biology from Boston University and graduated from Georgetown University School of Medicine in Washington, DC. After completing his general surgery residency at Berkshire Medical Center in Pittsfield, MA, he successfully completed a minimally invasive,

Ronald F. Sing, DO, FACS

FACULTY, DEPARTMENT OF SURGERY



Dr. Sing completed his general surgery residency at the Graduate Hospital in Philadelphia, and completed his fellowship training at the University of Pennsylvania in traumatology and surgical critical care. His clinical interests include trauma, critical care and bariatric surgery.

Pierce B. Irby III, MD, FACS

DIRECTOR, CAROLINAS KIDNEY STONE CENTER AT MCKAY UROLOGY



Dr. Irby earned his bachelor's degree from Davidson College and studied civil engineering at North Carolina State University. He then received his medical training at the Uniformed Services University of the Health Sciences in Bethesda, MD. He completed his residency in urology at Letterman Army Medical Center in San Francisco. Dr. Irby subsequently received

training as a fellow in endourology at the University of California, San Francisco. Prior to joining McKay Urology, Dr. Irby served for more than 26 years on active duty with the US Army. Dr. Irby has special interest and training in minimally invasive treatments for renal stone disease and laparoscopic management of benign renal and ureteral disorders. He is currently Assistant Clinical Professor of Surgery at the University of North Carolina and the Uniformed Services University.

Dimitrios Stefanidis MD, PhD, FACS

DIRECTOR, SURGICAL SIMULATION



Dr. Stefanidis is originally from Greece and obtained his medical school degree from the Aristotle University of Thessaloniki. He received his PhD from the University of Bonn, Germany, and trained in general surgery at the University of Texas Health Sciences Center in San Antonio. He completed a research fellowship in minimally invasive surgery with focus on surgical simulation at Tulane University. After he

completed a clinical fellowship in advanced laparoscopy and bariatric surgery at Carolinas Medical Center, he joined our faculty. Dr. Stefanidis specializes in advanced laparoscopic surgery of the abdomen including anti-reflux, stomach, intestinal, hernia, gallbladder, spleen, adrenal and weight loss surgery, and has a special interest in teaching advanced laparoscopic techniques and robotic surgery. He has contributed with cutting-edge research to the field of surgical education.

Richard L. White, Jr., MD, FACS

CHIEF, DIVISION OF SURGICAL ONCOLOGY, IMMUNOLOGY

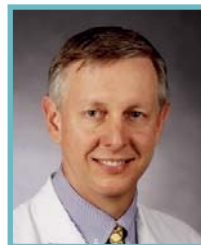


Dr. White serves as the Chief of the Division of Surgical Oncology and Director of Immunotherapy. Dr. White hails from the Northeast where he attended Cornell University and Columbia University's College of Physician and Surgeons. He received his surgical training at Georgetown University and subsequently served as a fellow in surgical oncology and immunotherapy in

the Surgery Branch of the National Cancer Institute in Bethesda, MD. His primary clinical interests include the care of patients with melanoma, breast cancer and sarcoma, as well as the immunotherapy of solid tumors.

Chris Teigland, MD, FACS

CHAIR, MCKAY DEPARTMENT OF UROLOGY

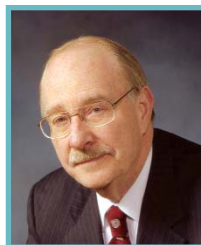


Dr. Teigland earned undergraduate and medical degrees from Duke University. He completed his urologic residency at the University of Texas Southwestern Medical Center (Parkland Hospital). Dr. Teigland is involved in numerous urologic oncology clinical trials, serves as Clinical Professor of Surgery at the University of North Carolina and is Chairman of the McKay Department of

Urology at Carolinas Medical Center. He is a member of the Society of Urologic Oncology, and his clinical practice is limited to the management of prostate and renal malignancies with a special interest in laparoscopic and robotic approaches to these cancers.

Frederick L. Greene, MD, FACS

CHAIR, DEPARTMENT OF SURGERY



Dr. Greene received his medical training at the University of Virginia and completed a residency in surgery at Yale University, where he was an American Cancer Society clinic research fellow. He is currently Chairman of the Department of General Surgery at Carolinas Medical Center, Director of the Surgical Residency Program at CMC and Clinical Professor of Surgery at the University

of North Carolina. Dr. Greene is an active clinician in the area of surgical oncology and has been involved in organizational work pertaining to cancer. He has served on the Commission on Cancer of the American College of Surgeons for the last 12 years and serves as Chairman on the Executive Committee through 2009. He has represented the American College of Surgeons on the American Joint Committee on Cancer (AJCC) and in June 2000 was elected Chairman of the AJCC.



CAROLINAS LAPAROSCOPIC
& ADVANCED SURGERY PROGRAM

2009 COURSE OFFERINGS



Mini Fellowship for Advanced Laparoscopic Surgery

To Include: Laparoscopic Nissen, Laparoscopic Colectomy, and Laparoscopic and Open Ventral and Inguinal Herniorrhaphy

February 15 – 17 • July 19 – 21 • September 13 – 15

COURSE DESCRIPTION

The purpose of the mini fellowship in advanced laparoscopic surgery is to build on basic laparoscopic skills and expose surgeons to a variety of advanced cases. This course will include didactic lectures and direct observation in the operating room. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Have an in-depth understanding of the indications and techniques for laparoscopic nissen surgery, colectomy, and/or laparoscopic and open ventral and inguinal hernia repair
- Understand potential complications of these procedures and how to avoid them
- Discuss the indications, principles and strategies for hand-assisted laparoscopic surgery.

COURSE DIRECTOR

Kent W. Kercher, MD, FACS
Chief, Minimal Access Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

CMC FACULTY

B. Todd Heniford, MD, FACS
Chief, Division of Gastrointestinal & Minimally Invasive Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

Timothy S. Kuwada, MD, FACS
Director, Bariatric Fellowship

Keith S. Gersin, MD, FACS
Chief, Bariatric Surgery

Dimitrios Stefanidis, MD, PhD, FACS
Director, Surgical Simulation



PROGRAM

Day 1 – Location TBA
5:30 – 9:30 p.m. Dinner and Lectures

Day 2 – Main Operating Room (CMC)
7 a.m. – 4:30 p.m. Live Case Observations

Day 3 – Main Operating Room (CMC)
7 a.m. – 4:30 p.m. Live Case Observations
12:30 – 3:30 p.m. Optional Hands-on Laboratory
Cannon Research Center

FEE: \$250

Mini Fellowship for Laparoscopic and Hand-assisted Colorectal Surgery with Hands-on Laboratory

March 8 - 9 • June 11 - 12 • October 1 - 2 • December 3 - 4

COURSE DESCRIPTION

The purpose of the course is to teach the techniques and indications for laparoscopic and hand-assisted colon resection. Lectures will include a discussion concerning laparoscopy and cancer. This course will also include case observation/teaching from two or three operating rooms with hands-on laboratory. The course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Discuss pathology that is appropriate for laparoscopic and/or hand-assisted colorectal resection
- Discuss the indications, principles and strategies for hand-assisted laparoscopic surgery
- Describe the indications and techniques for laparoscopic colorectal resection.

COURSE DIRECTOR

Kent W. Kercher, MD, FACS
Chief, Minimal Access Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

CMC FACULTY

B. Todd Heniford, MD, FACS
Chief, Division of Gastrointestinal & Minimally Invasive Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

Keith S. Gersin, MD, FACS
Chief, Bariatric Surgery

Timothy S. Kuwada, MD, FACS
Director, Bariatric Fellowship

Dimitrios Stefanidis, MD, PhD, FACS
Director, Surgical Simulation

PROGRAM

Day 1 – Location TBA
6 – 9 p.m. Dinner and Lectures

Day 2 – Main Operating Room (CMC)
7 a.m. – Noon Live Case Observations

12:30 – 4 p.m. Hands-on Laboratory
– Cannon Research Center

FEE: \$250



Mini Fellowship for Open and Laparoscopic Ventral, Incisional and Inguinal Hernia Repair

May 7 - 8 • September 3 - 4

COURSE DESCRIPTION

The purpose of this course is to teach the techniques and indications for open and laparoscopic ventral and inguinal hernia repair and to discuss the techniques used for minimally invasive access in the multiply-operated abdomen. The course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Identify the techniques of laparoscopic surgery for ventral and inguinal hernia repair
- Know the different prosthetic materials, their application and the associated healing process
- Identify the techniques for minimally invasive access in the multiply-operated abdomen
- Understand the anatomy and indications of laparoscopic inguinal hernia repair
- Describe the management of post-operative neuralgia
- Identify techniques of standard and preperitoneal open inguinal herniorrhaphy
- Know the current literature of open and laparoscopic hernia repair.

COURSE DIRECTOR

B. Todd Heniford, MD, FACS

Chief, Division of Gastrointestinal & Minimally Invasive Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

CMC FACULTY

Kent W. Kercher, MD, FACS

Chief, Minimal Access Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

Keith S. Gersin, MD, FACS

Chief, Bariatric Surgery



Timothy S. Kuwada, MD, FACS
Director, Bariatric Fellowship

Dimitrios Stefanidis, MD, PhD, FACS
Director, Surgical Simulation

PROGRAM

Day 1 – Location TBA

6 – 9 p.m. Dinner and Lectures

Day 2 – Main Operating Room (CMC)

7 a.m. – Noon Live Case Observations

12:30 – 4 p.m. Hands-on Laboratory
Cannon Research Center

FEE: \$250

Sponsored by W.L. Gore

Laparoscopic Urological Surgery Workshop: Laparoscopic Nephrectomy and Robotic Prostatectomy

September 10 - 11

COURSE DESCRIPTION

This course focuses on laparoscopic approaches for the treatment of benign and malignant urologic diseases and serves as an introduction to robotic radical prostatectomy. The content is designed to address the clinical needs of urologists as well as general surgeons/transplant surgeons. Course participants will learn techniques for laparoscopic and hand-assisted laparoscopic radical nephrectomy and partial nephrectomy, as well as robotic prostatectomy. Both transperitoneal and retroperitoneal laparoscopic approaches to the kidney will be described. Techniques for laparoscopic donor nephrectomy will be included for interested surgeons. Participants will have the opportunity to perform laparoscopic and hand-assisted laparoscopic nephrectomy during the laboratory portion of the course. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Discuss the indications and techniques for laparoscopic radical, partial and donor nephrectomy
- Describe the minimally invasive techniques for transperitoneal and retroperitoneal access to the kidney
- Satisfy Level 2 AMA PRA requirements for new skills and procedures training.

- Describe specimen removal and vascular control techniques for laparoscopic renal surgery
- Understand the indications and techniques for laparoscopic/robotic prostatectomy.

COURSE DIRECTORS

Kent W. Kercher, MD, FACS

Chief, Minimal Access Surgery

Co-director, CLASP

Co-director, Carolinas Hernia Center

Pierce B. Irby, MD, FACS

McKay Department of Urology

CMC FACULTY

Chris Teigland, MD, FACS

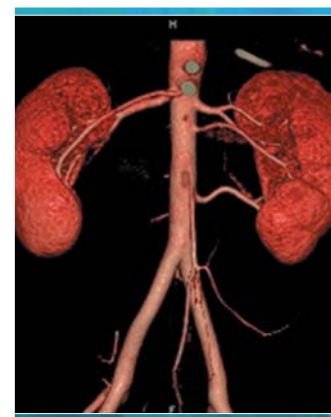
Chair, McKay Department of Urology

GUEST FACULTY

Thomas W. Jarrett, MD

Professor and Chairman of Urology

George Washington University



PROGRAM

Day 1 – Main Operating Room (CMC)

7 a.m. – 4:30 p.m. Live Case Observations
(Laparoscopic Nephrectomy and Robotic Prostatectomy)

Day 2 – Morning Session – CLASP Conference Center

8:15 a.m. Breakfast, Registration and Introductions

8:30 a.m. Didactic Session

Noon Lunch

Day 2 – Afternoon Session – Cannon Research Center

12:30 p.m. Hands-on Laboratory
In addition to the lab, we will have a robot setup in the OR for practice only – no cases.

3:35 p.m. Discussion

4:30 p.m. Evaluations/Certificates

FEE: \$250

CREDIT: Carolinas HealthCare System designates this educational activity for a maximum 16 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Mini Fellowship for Lymphatic Mapping and Sentinel Node Biopsy with Introduction to Ultrasound

January 29 - 30 • June 4 - 5 • October 29 - 30

COURSE DESCRIPTION

This course is designed for surgeons or medical teams specializing in nuclear medicine or pathology. Course topics include: preoperative and intraoperative lymphoscintigraphy and mapping, sentinel node identification, touch preparation cytology and radioguided surgery. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Understand the risks and indications for performing a lymph node dissection for a patient with melanoma or breast cancer
- Determine the indications for sentinel node biopsy for melanoma
- Determine the indications for sentinel node biopsy for breast and other types of cancer
- Understand preoperative lymphoscintigraphy
- Understand techniques of intraoperative lymphatic mapping
- Demonstrate intraoperative lymphatic mapping in the laboratory (inject isosulfan blue, use gamma probes and dissect sentinel node)
- Understand the pathologic analysis of the sentinel lymph node.
- Satisfy Level 2 AMA PRA requirements for new skills and procedures training.

COURSE DIRECTOR

Richard L. White, Jr., MD, FACS
Chief, Division of Surgical Oncology
and Director of Immunotherapy
Carolinas Medical Center

CMC FACULTY

Teresa Flippo-Morton, MD, FACS
Faculty, Department of Surgery

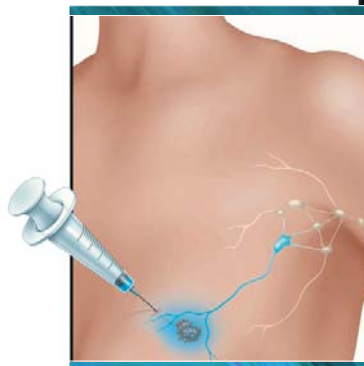
Jonathan C. Salo, MD, FACS
Faculty, Department of Surgery

Terry Sarantou, MD, FACS
Faculty, Department of Surgery

GUEST FACULTY

Kevin S. Smith, MD
Pathologist

Nirav Shah, MD
Radiologist



PROGRAM

Day 1 – Location TBA

4 – 9 p.m. Dinner and Lectures

Day 2 – One Day Surgery

8 a.m. Live Case Observations: One Day Surgery

10 a.m. Case Observation in Nuclear Medicine

Noon Lunch

12:30 p.m. Hands-on Laboratory
Cannon Research Center

3 p.m. Introduction to Ultrasound Lab
Cannon Research Center

4:30 p.m. Evaluations and Certificates

FEE: \$650

CREDIT: Carolinas HealthCare System designates this educational activity for a maximum 10 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Educational grant provided by Ethicon Endo-Surgery, Inc.

Obesity Conference 2009

Defining Best Practices for Obesity and Comorbidity Management

March 6 - 7

COURSE DESCRIPTION

This one and a half day conference is for individuals desiring additional information on the treatment of morbid obesity in adults and pediatrics. Morbid obesity as a major public health concern will be discussed along with surgical and non-surgical interventions for management of this disease and the various comorbidities.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Discuss obesity as a major health concern.
- Identify the genetic and early indicators of obesity.
- Describe the current surgical options for weight loss and appropriate aftercare.
- Discuss new concepts in surgical technology.
- Identify the non-surgical options for weight loss current and future.
- Identify the common comorbidities associated with obesity in adult and pediatric patients and their treatment.
- Identify metabolic issues and the appropriate treatment.
- Discuss appropriate obesity prevention measures such as physical fitness and dietary modification.
- Identify appropriate psychopharmacology and treatment of emotional eating and food addiction.

CREDIT

Carolinas HealthCare System designates this educational activity for a maximum 12 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

COURSE DIRECTORS

Keith S. Gersin, MD, FACS

Chief, Bariatric Surgery
Carolinas Medical Center
Carolinas Weight Management & Wellness Center

John B. Cleek, MD

Medical Director
Carolinas Weight Management & Wellness Center

PROGRAM

Location: Marriot Center City
Charlotte, NC

Day 1

7:30 a.m.Breakfast and Welcome
8 a.m.Lectures
10:30 a.m.Panel Questions and Answers
11 a.m.Lectures
1 p.m.Panel Questions and Answers
1:15 p.m.Lunch
2 p.m.Break Out Sessions
4:45 p.m.Evaluations/Questions and Answers
5 p.m.Reception
6:30 p.m.Dinner and Keynote Speaker

Day 2

7:30 a.m.Breakfast and Welcome
8 a.m.Lectures
11 a.m.Closing Remarks/Evaluations

FEE

\$195 - Physicians
\$150 - Allied Health Professionals, Residents and Fellows

KEYNOTE SPEAKER

Brian Wansink, PhD

John Dyson, Professor of Consumer Behaviors
Cornell Food & Brand Lab Director
Cornell University

GUEST FACULTY

Lee Kaplan, MD, PhD

Director of Weight Center,
Massachusetts General Hospital

Steven H. Zeisel, MD, PhD

School of Public Health and School of Medicine,
University of North Carolina at Chapel Hill
Director, Nutrition Research Institute

David Maggs, MD

Amylin Pharmaceuticals

Vena Cava Filter Workshop

November 13

COURSE DESCRIPTION

The purpose of this course is to teach physicians the techniques of inserting vena cava filters. The morning session will include a series of didactic lectures and the afternoon workshop will provide the opportunity to perform contrast cavography and insert various vena cava filters. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Describe the indications of VCF
- Describe the data supporting prophylactic VCFs in trauma patients
- State the anatomic variations in the vena cava
- Identify the equipment necessary to perform cavography
- Cite the pitfalls of performing cavography
- List and explain the major filter types including the titanium and stainless steel Greenfield filters, the Bird's Nest filter[®], the VenaTech LP filter[®], the OptEase filter[®], the G2 filter[™] and the Günter Tulip[®]
- Describe the insertion techniques for each VCF
- Discuss the advantages and disadvantages of each VCF
- Evaluate the risks and potential complications of VCF insertion and the pre-insertion cavagram
- Discuss the advantages of bedside VCF insertion
- Cite the equipment needed for bedside insertion of VCF
- Discuss radiation exposure issues with bedside VCF
- Demonstrate VCF insertion.

COURSE DIRECTOR

Ronald F. Sing, DO, FACS
Faculty, Department of Surgery

CMC FACULTY

A. Britt Christmas, MD
Faculty, Department of Surgery

David G. Jacobs, MD, FACS
Associate Director of Trauma, General Surgery



B. Todd Heniford, MD, FACS

Chief, Division of Gastrointestinal & Minimally Invasive Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

PROGRAM

Morning Session – CLASP Conference Center

8:15 a.m. Breakfast/Introductions
8:30 a.m. Didactic Session
11 a.m. Lunch

Afternoon Session – Cannon Research Center

Noon Hands-on Laboratory
3:30 p.m. Discussion/Evaluations/Certificates

FEE: \$325

Educational grants provided by Bard, Boston Scientific, Cook[®] Incorporated, and Cordis Endovascular.

Percutaneous Tracheostomy

March 27

COURSE DESCRIPTION

The purpose of this course is to teach physicians the technique of percutaneous tracheostomy. The course incorporates a morning didactic session with an afternoon hands-on workshop where physicians will have the opportunity to perform the procedure in an inanimate model. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Understand the indications for tracheostomy. Describe the contraindications to tracheostomy, both open and percutaneous techniques, and explain the controversies regarding early versus late tracheostomy
- Identify the materials and equipment necessary for performing the percutaneous tracheostomy technique and become familiar with the step-by-step percutaneous dilatation tracheostomy technique
- Explain the advantages and disadvantages of both open and percutaneous techniques for tracheostomy, distinguish the medical literature regarding safety and cost benefits of bedside tracheostomy and understand the advantages and disadvantages of tracheostomy performed at the bedside versus in the operating room
- Explain the hazardous portions of the percutaneous tracheostomy as well as the potential acute and long-term complications that can result, and list the steps to prevent complications as well as to treat them if they occur
- Distinguish the costs of performing the percutaneous tracheostomy versus the open technique, especially in regard to the procedure being performed at the bedside versus in the operating room, understand credentialing aspects of this operation at each individual institution and become familiar with the procedural coding for billing
- Discuss questions regarding the techniques or any of the topics covered in the lectures
- Observe and perform the percutaneous tracheostomy technique in an inanimate model with bronchoscopic visualization and have direct guidance and opportunity to interact with course faculty.

COURSE DIRECTOR

Ronald F. Sing, DO, FACS
Faculty, Department of Surgery

CMC FACULTY

B. Todd Heniford, MD, FACS
Chief, Division of Gastrointestinal & Minimally Invasive Surgery
Co-director, CLASP
Co-director, Carolinas Hernia Center

David G. Jacobs, MD, FACS
Associate Director of Trauma, Department of Surgery

A. Britt Christmas, MD
Faculty, Department of Surgery

PROGRAM

Morning Session – CLASP Conference Center

8:15 a.m.Breakfast
8:30 a.m.Introduction and Opening Remarks
8:45 a.m.Indications of Timing of Tracheostomy
9:30 a.m.Percutaneous Technique
10:30 a.m.Open Versus Percutaneous/Bedside or OR
10:45 a.m.Pitfalls and Complications
11:15 a.m.Costs, Credentialing and Coding of Percutaneous Tracheostomies
11:45 a.m.Open Panel Discussion
12:15 p.m.Lunch

Afternoon Session – Cannon Research Center

12:45 p.m.Laboratory Workshops
3:30 p.m.Discussion/Evaluations/Certificates

FEE: \$400

Educational grant provided by Cook® Critical Care

Mini Fellowship for Flexible Endoscopy

November 11

COURSE DESCRIPTION

This mini fellowship on gastrointestinal flexible endoscopy will include a morning didactic session on the indications, preparation, techniques, contraindications and complications of upper gastrointestinal and colonic flexible endoscopy for the practicing surgeon. Videotape demonstrations showing technique and interpretive findings will be used. Participants will observe techniques of esophagogastroduodenoscopy (EGD) and colonoscopy in selected patients. Application of conscious sedation techniques is stressed. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Present indications, interpretive findings and complications of EGD and colonoscopy
- Present information on conscious sedation and the pharmacology of commonly-used sedatives used to perform flexible endoscopy
- Present the role of flexible endoscopy used by the surgeon in the preoperative and intraoperative setting
- Present the participant with observational experience on selected patients requiring EGD and colonoscopy
- Satisfy Level 2 AMA PRA requirements for new skills and procedures training.

COURSE DIRECTOR

Frederick L. Greene, MD, FACS
Chairman, Department of Surgery
Carolinas Medical Center

GUEST FACULTY

Robert Yavorski, MD
Gastroenterologist
Charlotte Medical Clinic

James Doyle, MD
Anesthesiologist
Southeast Anesthesiology Consultants, PA

PROGRAM

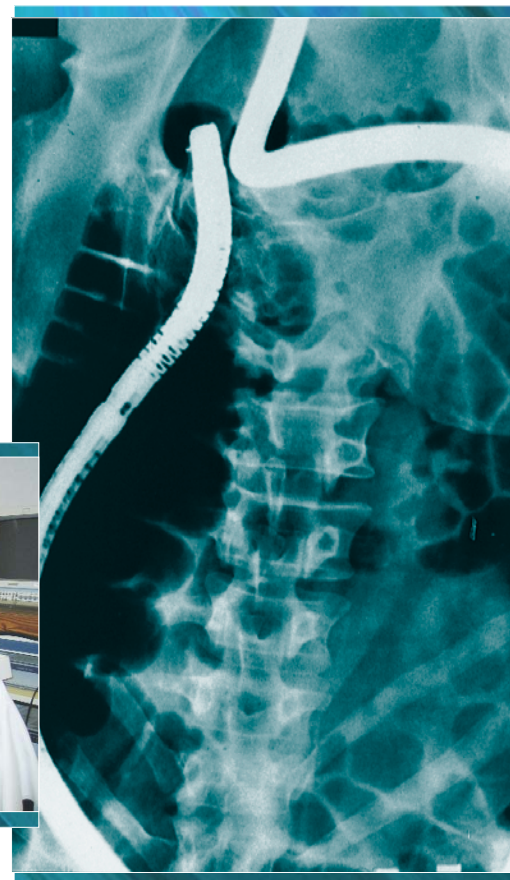
Morning Session – CLASP Conference Center
7:30 – 8 a.m.Breakfast/Introductions
8 – 10 a.m.Didactic Session
10 a.m. – NoonEndoscopic Observation
NoonLunch

Afternoon Session – Cannon Research Center
1 p.m.Hands-on Laboratory
3:30 p.m.Discussion/Evaluations/Certificates

FEE: \$750

CREDIT

Carolinas HealthCare System designates this educational activity for a maximum 6.5 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.



Carolinas Medical Center's 3rd Annual Liver Course

December 5

COURSE DESCRIPTION

This course is designed for surgeons, gastroenterologists, hepatologists, oncologists, interventional radiologists and related medical personnel. Course topics include: liver disease, viral hepatitis, fatty liver disease, hepatocellular cancer, acute and chronic pancreatitis, pancreatic neoplasms, liver transplantation and related issues and HPB malignancies.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Review and discuss the latest diagnostic approaches and treatments in Viral Hepatitis B and C; and explore the relationship between Viral Hepatitis and development of HCC.
- Examine the relationship between obesity and cancer.
- Discuss the epidemiology of HPB malignancies, and the use of oncologic, infusional, and ablation therapies in the treatment of these malignancies as well as the pros and cons of resection.

- Identify the latest diagnostic approaches & treatment in pancreatic cancer including evaluation of masses through EUS, staging of these masses, and examining the pros & cons of radiation in these malignancies.
- Identify the latest diagnostic approaches and treatments in cholangiocarcinoma including imaging, ERCP evaluation and management, novel chemotherapy, and pathology.
- Reiterate an overview of HPB anatomy and discuss: (1) assessment of patients with jaundice; (2) postoperative care of the liver transplant patient; and (3) HCV therapy in the co-infected patient.

PROGRAM

Location: Ballantyne Resort
Charlotte, NC

7 a.m.Registration/Breakfast
8 a.m.Lectures, Debate and Audience Q&A
12:30 p.m.Lunch
1:30 p.m.Lectures
4:30 p.m.Reception

CREDIT

Carolinas HealthCare System designates this educational activity for a maximum of 7.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

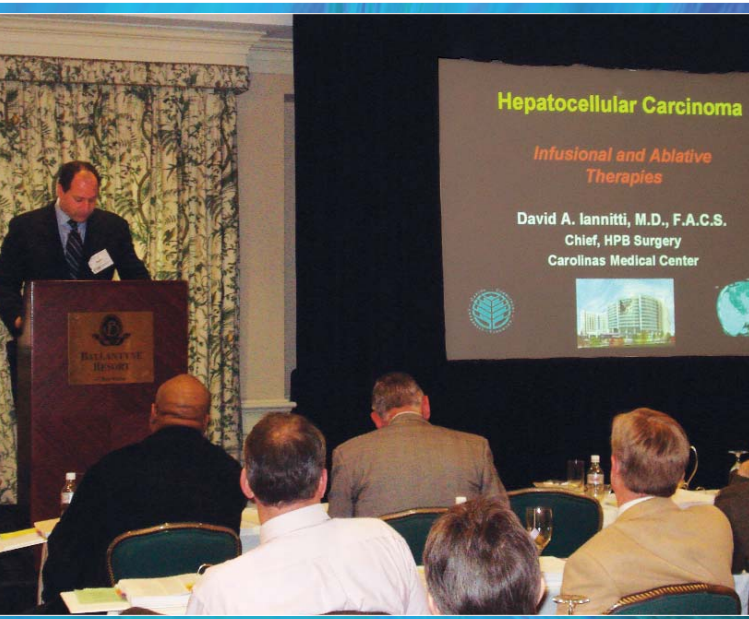
FEE

\$150 – Physicians
\$100 – Allied Health Professionals, Residents and Fellows

COURSE DIRECTORS

David A. Iannitti, MD, FACS
Chief, HepatoPancreaticoBiliary Surgery

Mark Russo, MD, MPH
Medical Director of Liver Transplantation



Mini Fellowship for Hepatic Microwave Ablation

January 15 - 16 (Please check www.CMC-CLASP.org for additional course dates.)

COURSE DESCRIPTION

The purpose of this course is to demonstrate the current techniques and indications for hepatic tumor ablation. Discussions will include contemporary management of primary and secondary hepatic malignancies. Lectures will focus on various ablation technologies including radio frequency and microwave ablation. Additions will include physics application and outcomes for hepatic microwave ablation. Advance techniques include pre-coagulation and pre-ablation for ultrasound and microwave. This course meets the guidelines as established in the *Framework for Post-residency Surgical Education and Training*.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Review physics for hepatic tumor ablation.
- Understand use and outcomes for microwave technology.
- Observe surgical techniques for thermal ablation of liver tumors.
- Review basics of ultrasound technology.
- Hands-on training for laparoscopic and open liver ablations.

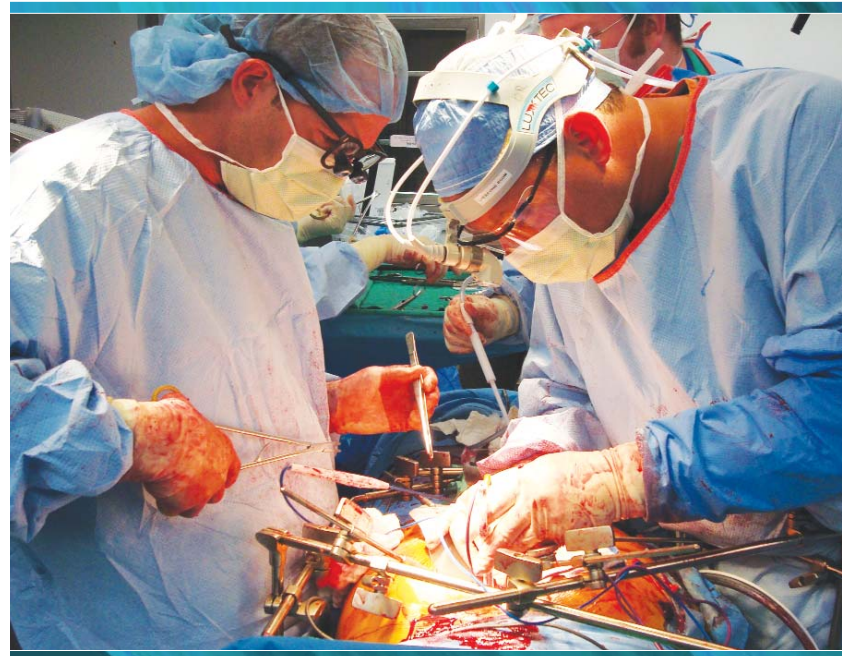
COURSE DIRECTOR

David A. Iannitti, MD, FACS
Chief, HepatoPancreaticobiliary Surgery

CMC FACULTY

John B. Martinie, MD, FACS
HepatoPancreaticobiliary Surgery

Mark Russo MD, MPH
Medical Director, Liver Transplantation



PROGRAM

Day 1 – Location TBA
5:30 - 9 p.m. Dinner and Lectures

Day 2
7:30 a.m. Breakfast
Broadcast of Live Cases
Noon Lunch
1 p.m. Hands-on Laboratory
Cannon Research Center
4 p.m. Discussion/Evaluations/Certificates

Note: Several of the courses in 2009 will include:

- One additional full day of training in the use of intra-operative ultrasound.
- Review of ultrasound physics.
- Technology & modes with didactic & hands-on training.

Introduction of Basic Science Research

July 12 - 15

COURSE DESCRIPTION

The purpose of the *Introduction to Basic Science Research* course is to provide clinical residents and fellows about to enter a biomedical research phase of their careers with a hands-on introduction to some of the common techniques currently used in cell and molecular biology laboratories. This course will include a series of lectures that address the objectives, strengths and limitations and basic scientific principles behind common experimental techniques followed by an extensive series of hands-on practical experiments that apply experimental theory to medically relevant research projects.

EDUCATIONAL OBJECTIVES

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

- Have a solid understanding of the underlying principles behind common techniques used in biomedical research. These techniques will include: techniques of cell isolation and in vitro culture, mRNA isolation, preparation and analysis using real time (RT)-PCR, protein sample preparation and analysis of expression, activity and cellular/tissue localization by Western blot, ELISA and immunohistochemistry.
- Observe and perform these techniques in the Department of Surgery Research Laboratories.
- Understand the principles and approaches of data collection, recording and analysis including basic statistical analysis of experimental outcomes.

COURSE DIRECTOR

Iain McKillop, PhD
Group Director of Research
Department of General Surgery
Carolinas Medical Center

CMC FACULTY

Eugene Sokolov, PhD
Senior Post-Doctoral Fellow
Department of General Surgery

David Foureau, PhD
Post-Doctoral Fellow
Department of General Surgery

PROGRAM

DAY 1

5:30 – 9:30 p.m. Dinner with Course Overview

DAY 2

7:30 a.m. Principles of Cell Isolation and Culture
8:15 a.m. Sample Preparation; mRNA and Protein
9:30 a.m. Practical/Cell Culture
1 p.m. Lunch
2 p.m. Practical/Protein and RNA preparation
4 p.m. Questions and Answers

DAY 3

7:30 a.m. Analyzing Proteins
Western Blot and Histochemistry
8:15 a.m. Analyzing RNA-PCR
9:30 a.m. Practical/Performing Protein and RNA Analysis
Western Blot, Histochemistry and PCR
4 p.m. Questions and Answers

DAY 4

7:30 a.m. FACS (Fluorescent Activated Cell Sorting) Analysis
9 a.m. Practical/FACS Analysis of Cells
Noon Lunch
1 p.m. Completion of Western Blot and PCR Experiments
3:30 p.m. Closing Lecture-
Applying Techniques in Modern Biomedical Research
4:30 p.m. Evaluations/Certificates

FEE: \$695

Total Laparoscopic Hysterectomy Course and Advanced Minimally Invasive Surgery

April 3 - 4 (Please check www.CMC-CLASP.org for additional course dates.)

COURSE DESCRIPTION

This CME course will focus on total laparoscopic hysterectomy (TLH) and other minimally invasive gynecologic procedures. Lectures will include didactics on the preoperative and perioperative management of patients having a TLH. The course will also cover the appropriate laparoscopic treatment of pelvic masses, use of energy based devices, removal of pelvic masses using hand-assisted technology, and the use of hemostatic products during laparoscopy. Instruction will include video covering TLH and other minimally invasive procedures. The optional lab will allow participants to practice laparoscopic suturing techniques and other laparoscopic skills in the dry lab as well as in a porcine model. Emphasis in the porcine model will be on the use of energy based devices (monopolar and bipolar) in basic retroperitoneal dissection and the technique of placing hand-assisted ports. In addition we will simulate and repair laparoscopic complications including bowel injury, cystotomy and bleeding.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Review indications and contraindications for TLH.
- Discuss optimal patient preparation and setup for TLH.
- Describe the technique of TLH.
- Discuss principles and practical application of monopolar and bipolar energy devices.
- Describe the use of advanced hemostatic products.
- Satisfy Level 2 AMA PRA requirements for new skills and procedures training.

COURSE DIRECTOR

R. Wendel Naumann, MD

Director, Minimally Invasive Surgery in Gynecologic Oncology

CMC FACULTY

Bernard Taylor, MD

Director, Minimally Invasive Gynecologic Surgery

Dimitrios Stefanidis, MD, PhD, FACS

Director, Surgical Simulation

GUEST FACULTY

Fidel Valea, MD

Duke University Hospital



PROGRAM

Day 1 – Medical Education Building

11:30 a.m.Lunch and Introductions
NoonPeri-Operative Considerations
12:45 p.m.TLH
1:45 p.m.Break/Suture Practice
2:15 p.m.Laparoscopic Management of Pelvic Mass
3:15 p.m.Electrosurgery
4:15 p.m.Managing Bleeding and other Complications
5 p.m.Adjourn

Day 2 – Simulation Center/Cannon Research Center

7 a.m.Breakfast
8 a.m.Advanced Reconstructive Procedures
10 a.m.Dry Lab
12:30 p.m.Lunch-Video Series
1:30 p.m.Wet lab
4 p.m.Adjourn

FEE

With out lab \$250 (Friday only)

With lab \$375 (Friday and Saturday)

CREDIT

Carolinas HealthCare System designates this educational activity for a maximum of 14 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Mini Fellowship for Laparoscopic and Hand-Assisted Solid Organ

To include: Adrenalectomy, Nephrectomy, Splenectomy, Pancreatectomy and Hepatic Resections

May 17 - 18 • November 1 - 2

COURSE DESCRIPTION

The purpose of this course is to review the principles of and demonstrate techniques for laparoscopic and hand-assisted adrenalectomy, nephrectomy, splenectomy, pancreatectomy and hepatectomy.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Discuss the indications, operative techniques and expected outcomes for laparoscopic and hand-assisted adrenalectomy, nephrectomy, splenectomy, pancreatectomy and hepatectomy.
- Identify indications for an open versus laparoscopic or hand-assisted operative approach.
- Describe surgeon, patient and assistant positioning as well as equipment required for laparoscopic solid organ removal.
- Discuss advantages and disadvantages to the laparoscopic and hand-assisted approach.

COURSE DIRECTOR

Kent W. Kercher, MD, FACS

Chief, Minimal Access Surgery

Co-director, CLASP

Co-director, Carolinas Hernia Center

CMC FACULTY

B. Todd Heniford, MD, FACS

Chief, Division of Gastrointestinal & Minimally Invasive Surgery

Co-director, CLASP

Co-director, Carolinas Hernia Center

David A. Iannitti, MD, FACS

Chief, HepatoPancreaticoBiliary Surgery

Timothy Kuwada, MD, FACS

Director, Bariatric Fellowship

John B. Martinie, MD, FACS

HepatoPancreaticoBiliary Surgery

PROGRAM

Day 1 - Location TBA

5:30 - 9 p.m. Dinner and Lectures

Day 2 - Main Operating Room (CMC)

7 a.m. Live Case Observations

12:30 p.m. Lunch

1 p.m. Hands-on Lab
Cannon Research Center

3:30 p.m. Discussion/Evaluations/Certificates

FEE: \$250





CAROLINAS LAPAROSCOPIC
& ADVANCED SURGERY PROGRAM

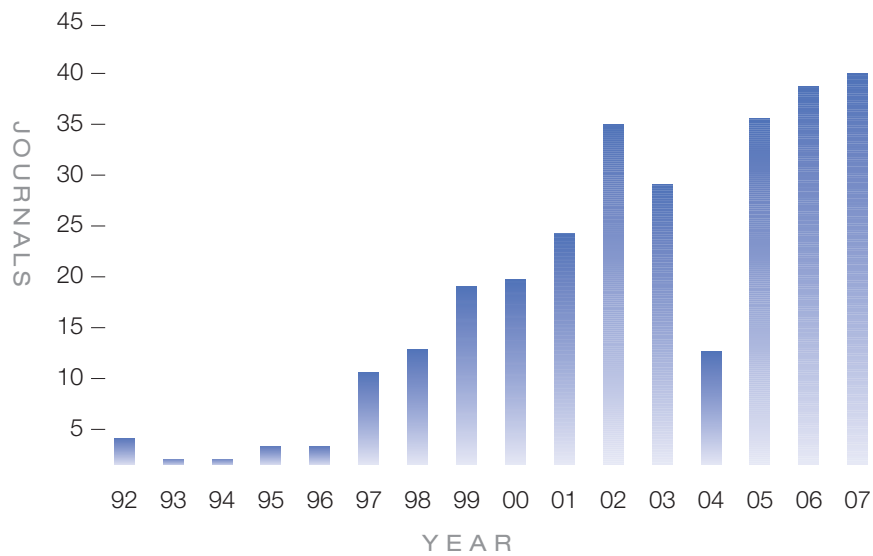
2009

- RESEARCH ACCOMPLISHMENTS
- REGISTRATION INFORMATION
- LODGING & GENERAL INFORMATION

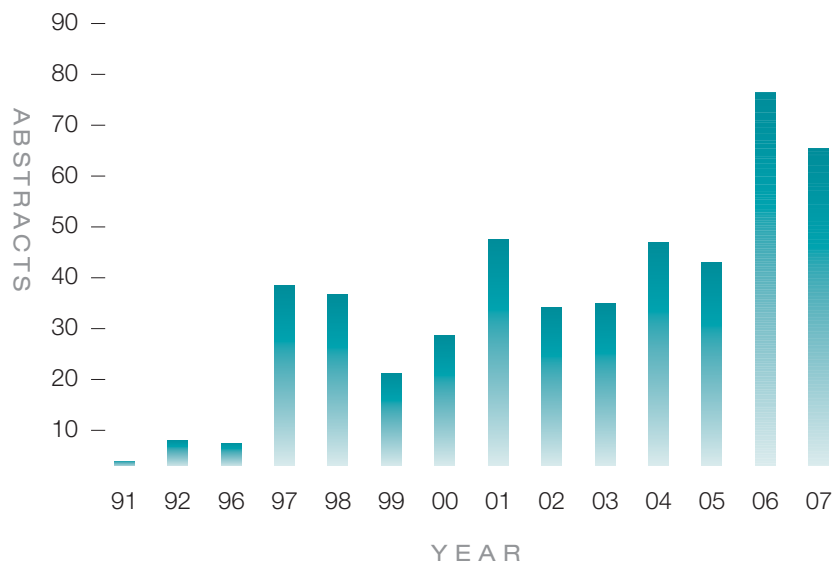


Research Accomplishments

PUBLICATIONS BY YEAR



CONFERENCE PRESENTATIONS



RESEARCH INTERESTS

MINIMALLY INVASIVE SURGERY
CANCER
SEPSIS
SURGICAL INSTRUMENTATION
BIOMATERIALS
CELL BIOLOGY
SURGICAL EDUCATION

RESEARCH AWARDS

NC CHAPTER – AMERICAN COLLEGE OF SURGEONS – 1998, 2000, 2001, 2002, 2003, 2004, 2005
NATIONAL MEDICAL ASSOCIATION – 2000
SOUTHERN MEDICAL ASSOCIATION – 2000, 2002
SOUTHEASTERN SURGICAL CONGRESS GOLD MEDAL – 2000, 2002, 2004, 2005, 2008
INTERNATIONAL SOCIETY OF SURGEONS – 2001
SAGES – AWARDS AND GRANTS – 2000 (1), 2001 (2), 2002 (3), 2003, 2004
AMERICAN HERNIA SOCIETY – 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008
SAGES RESEARCHER OF THE YEAR AWARD – 2000, 2002
SAGES RESEARCH PROJECT OF THE YEAR – 2006, 2008
SAGES BEST PRESENTATION AWARD – 2008
“40 UNDER 40” AWARD – CHARLOTTE BUSINESS JOURNAL – 2000, 2003
RESIDENT TEACHING AWARD – 2001, 2002, 2005, 2006

2009 Registration Information

Registration Deadline: Two weeks prior to the workshop

Mini Fellowship for Advanced Laparoscopic Surgery • Fee \$250

- February 15-17
- July 19-21
- September 13-15
- Check if you need lodging

Mini Fellowship for Laparoscopic and Hand-assisted Colorectal Surgery • Fee \$250

- March 8-9
- June 11-12
- October 1-2
- December 3-4
- Check if you need lodging

Mini Fellowship for Open and Laparoscopic Ventral, Incisional and Inguinal Hernia Repair • Fee \$250

- May 7-8
- September 3-4
- Check if you need lodging

Laparoscopic Urological Surgery Workshop: Laparoscopic Nephrectomy & Robotic Prostatectomy* • Fee \$250

- September 10-11
- Check if you need lodging

Mini Fellowship for Lymphatic Mapping and Sentinel Node Biopsy* • Fee \$650

- January 29-30
- June 4-5
- October 29-30
- Check if you need lodging

Obesity Conference 2009* • March 6-7

- Fee \$195 (Physicians)
- Fee \$150 (Allied Health Professionals, Residents & Fellows)
- Check if you need lodging

Vena Cava Filter Workshop • Fee \$325 • November 13

- Check if you need lodging

Percutaneous Tracheostomy • Fee \$400 • March 27

- Check if you need lodging

Mini Fellowship for Flexible Endoscopy* • Fee \$750 November 11

- Check if you need lodging

Carolinas Medical Center's 3rd Annual Liver Course* December 5

- Fee \$150 (Physicians)
- Fee \$100 (Allied Health Professionals, Residents & Fellows)
- Check if you need lodging

Mini Fellowship for Hepatic Microwave Ablation • Jan. 15 – 16 (Please check www.CMC-CLASP.org for additional course dates.)

- Check if you need lodging

Introduction to Basic Science Research • Fee \$695 July 12-15

- Check if you need lodging

Total Laparoscopic Hysterectomy Course* • April 3 - 4 (Please check www.CMC-CLASP.org for additional course dates.)

- Fee \$250 (without lab - Fri. only)
- Fee \$375 (with lab - Fri. & Sat.)
- Check if you need lodging

Mini Fellowship for Laparoscopic & Hand-Assisted Solid Organ • Fee \$250

- May 17-18
- November 1-2
- Check if you need lodging

***Course offerings with asterisks are Category 1**

Last Name	First Name	MI	E-mail Address
() _____	() _____	() _____	_____
Work Telephone	Home Telephone	Fax Number	
Hospital Affiliation		Practice Name	
Mailing Address (<input type="checkbox"/> Home or <input type="checkbox"/> Work Please check one) City			State ZIP Code
Special Needs: _____			

Make check payable to: CMC-CLASP (Carolinas Laparoscopic & Advanced Surgery Program)

Mail registration with check to:

Carolinas Medical Center, Attn: Judy Quesenberry, MEB 103, PO Box 32861, Charlotte, NC 28232-2861
 Telephone: 704-355-4823 Fax: 704-355-8147 E-mail: jquesenberry@carolinas.org

Cancellations received in writing at least two weeks prior to the course will be refunded, less a \$100 administrative fee. No refund will be made on cancellations received less than two weeks prior to the course.

Lodging and General Information

LODGING

Carolinas Medical Center is located five minutes from downtown Charlotte. Reservations will be made at the Hampton Inn & Suites at Phillips Place, located in the heart of Charlotte's prestigious SouthPark area. The Hampton Inn is nestled in a village of upscale shops and gourmet restaurants such as Dean and Deluca, The Palm, Upstream and PF Chang's, and is within walking distance of a 10-screen movie theater. Further details related to registration, parking and hotel reservations will follow as participants are enrolled.

EDUCATIONAL METHODS

Methods include:

- Illustrated lectures and panel discussions with question and answer sessions
- Laboratory with hands-on experience performing procedures
- A syllabus containing reviews and selected articles from the surgical literature.

AREA ATTRACTIONS

Bank of America Stadium (Home of the Carolina Panthers)
Time Warner Arena (Home of the Charlotte Bobcats)
Blumenthal Performing Arts Center – Downtown
Discovery Place – Downtown
SouthPark Mall (upscale shopping experience)
Concord Mills shopping outlet
US National Whitewater Center
Billy Graham Library
World-class golf courses
Historic Charlotte Trolley
Mint Museum of Craft and Design
A wide variety of upscale dining, shopping, and other amenities

**For more information about the Charlotte area
visit: www.visitcharlotte.com**

ACCREDITATION

Carolinas HealthCare System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.



POLICY ON FACULTY AND SPONSOR DISCLOSURE

Carolinas HealthCare System adheres to the ACCME standards regarding industry support of continuing medical education. Disclosure of faculty and commercial support relationships, if any, will be made known at each activity.

ADA ASSISTANCE

If you need any of the auxiliary aids or services identified in the Americans with Disabilities Act in order to participate in this course, call Judy Quesenberry, CMC-CLASP (Carolinas Laparoscopic & Advanced Surgery Program) at 704-355-4823 or write to CMC, Attn: Judy Quesenberry, MEB 103, PO Box 32861, Charlotte, NC 28232-2861.





Carolinan Medical Center

Uncompromising Excellence. Commitment to Care.

www.cmc-clasp.org

*MEB Suite 103, PO Box 32861 | Charlotte, NC 28232-2861
clasp@carolinas.org | 704-355-4823*

Carolinan Laparoscopic
& Advanced Surgery Program
Carolinan Medical Center
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