



LARRY R. GLAZERMAN, M.D.
Program Director, Minimally Invasive GYN Surgery

Site Visit: Scheduled in the Fall of 2011
Accredited: New Program

Faculty:

Gerard DiLeo, MD – Pelvic Pain rotation
Anna Parsons, MD – Image Based Gynecology rotation Urogyn
Lennox Hoyte, MD – Director, Division of Urogynecology
Stuart Hart, MD – Faculty, Division of Urogynecology
Jorge Lockhart, MD – Chair, Department of Urology
Sharona Ross, MD – Faculty, Division of General Surgery
Michael Albrink, MD – Faculty, Division of General Surgery
Don Hilbelink, Ph.D. – Anatomy

2-Year Program

Description: This is a two-year fellowship designed for development of competence, experience and confidence in the full gamut of minimally invasive gynecologic surgical procedures, as well as expertise in basic and clinical research related to minimally invasive gynecologic surgery. The fellow will be primarily assigned to cover the Minimally Invasive Gynecologic Surgery service, and will rotate on the Urogynecologic Surgery service and the Pelvic Pain service. The fellow will also work closely with the other faculty, fellows, and residents at the University of South Florida College of Medicine in Tampa, FL.

Surgical experience will consist of the full range of minimally invasive gynecologic procedures, including but not limited to: laparoscopic hysterectomy (total and supracervical,) salpingo-oophorectomy, endometriosis surgery, vaginal hysterectomy, and pelvic support surgery. Advanced minimally invasive surgical procedures including Single Incision Laparoscopic Surgery and robotic surgery will also be incorporated into the fellowship training. Hysteroscopic procedures, including sterilization, myomectomy, polypectomy, septoplasty, endometrial ablation and resection are performed as well.

In addition, the fellow will rotate with the Departments of General Surgery, Urology and Colorectal surgery. These clinical rotations teach principles and techniques of minimally invasive bowel surgery, prevention and repair of bladder and ureteral injuries, as well as allow the fellow to develop an in depth knowledge of abdominal and pelvic anatomy.

Anatomic based imaging research will be integrated into the clinical program. The fellow will become proficient in utilizing imaging modalities (CT, MRI and 3D/4D Pelvic Ultrasound) for diagnosis and surgical planning. The fellow will work with the USF Center for Pelvic Imaging and Research and the USF Center for Human Morpho-Informatics Research to develop research projects. These anatomic based projects will be related to the surgical treatment of Gynecologic and Urogynecologic conditions utilizing state-of-the-art 3D rendering software and engineering software systems. The fellow will also be able to work on the development of computer aided surgical simulation.

The fellow will also be given the opportunity to work with the Virtual Manufacturing and Design Laboratory for Medical Devices (VirtualMDLab) and the Center for Applied Research in Medical Devices (CareMed) at USF. This is a multidisciplinary collaborative effort between engineering and medicine with high-end technologies in the areas of product design and manufacturing. The fellow will be encouraged to design, develop and prototype new and innovative medical devices that may one day advance the field of minimally invasive surgery.

Inpatient surgical experience will be obtained at Tampa General Hospital, one of US News and World Reports top 50 hospitals in Gynecology, as well as University Community Hospital, which recently aligned with Adventist Health Systems, in their Florida Hospital network. Ambulatory surgery is performed at the new, state-of-the-art, Carol and Frank Morsani Ambulatory Surgical Center on the USF Campus. Clinics and office based procedures are performed at the South Tampa Center for Advanced Healthcare and USF Health Carol and Frank Morsani Center for Advanced Healthcare.

The fellow will participate in OB/GYN departmental educational and research activities, and will teach at our Advanced Gynecologic Laparoscopy CME meeting, which is held twice a year. The fellow will be expected to present a research paper and/or surgical video at the annual AAGL meeting. Approximately 50% of the fellow's time will be devoted to clinical activity (surgery and patient oriented activities), 25% to educational activities, and 25% to research.

An integral part of the program is the completion of a Masters of Science Degree in Medical Sciences (http://health.usf.edu/nocms/medicine/graduatestudies/ms_concentration.html). This will be in conjunction with the NIH K-30 program for clinical scholars. As a junior faculty member at USF, the fellow's tuition for this program is waived.

Typical Weekly Schedule	
Monday AM	Clinic / OR Tampa General Hospital/UCH
Monday PM	Clinic / OR Tampa General Hospital/UCH
Tuesday AM	OR Tampa General Hospital
Tuesday PM	OR Tampa General Hospital
Wednesday AM	Academics
Wednesday PM	Research
Thursday AM	OR ASC / Alternating weeks with OR Tampa General Hospital
Thursday PM	Clinic / Alternating weeks with OR Tampa General Hospital
Friday AM	OR Tampa General Hospital
Friday PM	OR Tampa General Hospital

Rotation schedule	
<i>Discipline</i>	<i>Months</i>
Gyn/Urogyn/Pelvic pain services	14
General surgery	2
Urology	2
Colorectal surgery	2
Research	2
Anatomy/Imaging	2

Assessment

The fellow's progress through the Minimally Invasive Gynecologic Surgery fellowship will be monitored to ensure appropriate progress. This will entail evaluations from multiple faculty members and progress tracked on the surgical simulators. Objective metrics will be utilized on surgical simulation training sessions to ensure appropriate surgical skills. Research progress will be monitored by the fellow's research mentors. The fellowship director will oversee the progress of the fellow and meet with the fellow on a quarterly basis to discuss their progress.

Summary

This is an innovative fellowship program in Minimally Invasive Gynecologic Surgery that is based on a multidisciplinary approach to surgical training. The Fellow will develop the surgical and analytical skills necessary to be proficient in the management of the most complex Gynecologic surgical patients. The fellow will also develop proficiency in surgical/anatomic based research and surgical simulation. Equally important is the training in clinical research that will allow the fellow to be an outstanding academician in the field of minimally invasive GYN surgery. This will provide the fellow with a broad and comprehensive training experience in Minimally Invasive Gynecologic Surgery that will enable them to adapt to any future career endeavor.