

Legacy Health System
Minimally Invasive Surgery Program
Presents:

Basic Laparoscopy Course

GME



August 1st

2008

Legacy Clinical Research and Technology Center
Portland, Oregon



Basics of Minimally Invasive Surgery

(A Course for Junior Residents in Surgery, OB/GYN and Urology)

**Legacy Health System, Department of Minimally Invasive Surgery,
Portland, Oregon**

Friday, August 1, 2008

Course Objectives

1. Describe commonly used laparoscopic instruments
2. Discuss trouble shooting of video equipment and insufflators
3. Describe technique of safe peritoneal access and discuss physiology and complications of pneumoperitoneum
4. Discuss key technical issues essential for advanced laparoscopic procedures such as trocar positioning, laparoscopic tissue handling, abdominal exploration, control of hemorrhage and laparoscopic suturing and knot tying
5. Describe use of and complications related to commonly used energy sources during laparoscopic surgery
6. Explain technique of laparoscopic cholecystectomy
7. Apply laparoscopic surgical techniques practiced in a faculty-supervised hands-on laboratory session

Course Director

Dr. Kyle Perry

Course Faculty

**Dr. Mark H. Whiteford
Dr. Daniel Tseng
Dr. Timothy J. Kennedy
Dr. Yash Khajanchee
Jason Cowley**

Program Schedule

Date: Friday, August 1, 2008

Time: 7:30 am - 4:30 pm

Venue: Holladay Park (Legacy Clinical Research and Technology Center, 1225 NE 2nd Ave., Portland, OR)

- 0730 – 0800** **Registration, Welcome & Breakfast**
- 0800 – 0830** **Introduction to Laparoscopic Instrumentation and Trouble Shooting Video
Camera, Insufflators, and Light Source**
Kyle Perry, MD
- 0830 – 0900** **Various Energy Sources - Cautery and Harmonic Scalpel**
Jason Cowley
- 0900 – 0930** **Physiology, and Complications of Pneumoperitoneum**
Kyle Perry, MD
- 0930 - 0945** **Break**
- 0945 - 1015** **Key Technical Issues Essential for Advanced Laparoscopic Surgery: Part 1**
(Patient Positioning, Trocar Positioning, Laparoscopic Tissue Handling, Abdominal
Exploration and Control of Hemorrhage)
Timothy J. Kennedy, MD
- 1015 – 1045** **Safe Cholecystectomy**
Daniel Tseng, MD
- 1045 - 1115** **Key Technical Issues Essential for Advanced Laparoscopic Surgery: Part 2**
(Suturing, Knot-Tying, Stapling, and Wound Closure)
Timothy J. Kennedy, MD
- 1115 – 1230** **Lunch**
- 1230 – 1600** **Hands-On Lab**
1. Hands-On Animate Station
 2. Video-Tower set up, Trouble Shooting and Laparoscopic Instruments:
(Scopes, Trocars, Graspers, etc)
 3. Cautery and Harmonics
 4. Rodeo-Video
 5. Trocar Placement and Wound closure
 6. Suturing
- 1600 – 1630** **Course Evaluation & Adjournment**