

## CURRICULUM VITAE

James Loras Raders, M.D.  
F.A.C.O.G.

### PERSONAL INFORMATION

**Date of Birth:** 12 November, 1954

**Place of Birth:** Iowa City, Iowa

**Office Addresses:**

***Abbott Northwestern Campus***  
2800 Chicago Ave South Suite 130  
Minneapolis MN 55407  
Phone: 612 863-3220  
Fax: 612 863-3403

***West Health***  
2805 Campus Drive Suite 405  
Plymouth MN 55441

### SPECIALTY

Gynecology  
Female Pelvic Medicine and Pelvic Reconstructive Surgery

### CURRENT POSITION

Medical Director: Female Pelvic Medicine and Pelvic Reconstructive Surgery

### EDUCATION

1981	M.D.	University of Iowa Iowa City, Iowa
1977	B.S. with Honors and Distinction	University of Iowa Iowa City, Iowa

### POSTDOCTORAL TRAINING

1981-1982	Internship	Obstetrics and Gynecology	University of Florida Gainesville, Florida
1982-1985	Residency	Obstetrics and Gynecology	University of Florida Gainesville, Florida
6/2003-11/03	Research Fellow	Urogynecology and Pelvic Reconstructive Surgery	Cleveland Clinic Florida

12/03-8/04	Fellow	Urogynecology and Pelvic Reconstructive Surgery	Institute for Female Pelvic Medicine Allentown, PA
------------	--------	--	--

#### **LICENSURE and CERTIFICATION**

June 1996	American Board of Obstetrics and Gynecology
November 1986	American Board of Obstetrics and Gynecology
June 1985	Minnesota Board of Medical Practice #MD421485

#### **ACADEMIC APPOINTMENTS**

2006-present	University of Minnesota	Adjunct Assistant Professor
1985-2006	University of Minnesota	Adjunct Clinical Professor
1981	University of Iowa	Instructor: Advanced Pelvic Anatomy

#### **ACADEMIC ADMINISTRATIVE APPOINTMENTS**

2001-2003	West Health Medical Complex and Surgery Center	Chief of Staff
1991-2003	Oakdale Urogynecologic Evaluation and Treatment Facility	Director
1991 – 1993	North Memorial Medical Center Dept. of Obstetrics and Gynecology	Chair
1988	North Memorial Medical Center Symposium in Obstetrics and Gynecology	Chair

#### **HEALTH CARE FACILITY APPOINTMENTS**

2006-present	Abbott Northwestern Hospitals Active privileges, Gynecology
2006-present	Fairview Southdale Hospitals Active privileges, Gynecology
2004-present	Fairview Riverside Hospitals Active privileges, Gynecology
2004-present	United Hospitals Courtesy consulting privileges, Gynecology
2004-present	North Memorial Medical Center Active privileges, Gynecology
1985-2003	North Memorial Medical Center Active privileges, Gynecology

1994-present	West Health Surgery Center Active Privileges
1993-1995	North Memorial Medical Center Credentials Committee
1991-1993	North Memorial Medical Center Chief; Dept. Obstetrics and Gynecology
1991-1993	North Memorial Medical Center Executive Committee
1985-2002	North Memorial Medical Center Cancer Committee
1999-2001	Oakdale Obstetrics and Gynecology Medical Director

### CONSULTING POSITIONS

2006-present	International Urogynecologic Association	Member: Grafts Council
2004-present	Indevus Pharmaceuticals	Speaker's Bureau
2004-present	Pfizer/Pharmacia	Speaker's Bureau
2004-present	Gynecare	Professional Educational Preceptor/Instructor
2003-present	Synovis Technologies	Consultant/Editor Female Continence Newsletter
2002-present	Medtronic, Incontinence Division	Consultant
1996-2002	Timm Medical, Incontinence Division	Consultant/Advisor/Lecturer
2000-2002	Uromedica	Consultant/Advisor
1997-1999	Advanced Uroscience	Consultant/Researcher
1995-1999	Browne Medical, Incontinence Division	Consultant/Lecturer

### PROFESSIONAL SOCIETIES

2004-	International Urogynecologic Society	Member
1986-	American College of Obstetricians & Gynecologists	Fellow
1995-	American Urogynecologic Society	Member
1980-	American Association of Gynecologic Laparoscopists	Member
1985-	University of Minnesota, College of Medicine	Adjuvant Clinical Faculty

1985-	American Medical Association	Member
1985-	Minnesota Medical Association	Member
1985-	Hennepin County Medical Association	Member
1985-	Minneapolis Council of Obstetricians & Gynecologists	Member

## AWARDS AND HONORS

### "Best Physicians for Women"

Female urology/urogynecology  
Minnesota Monthly Magazine  
2008

### "Best Physicians for Women"

Female urology/urogynecology  
Minnesota Monthly Magazine  
2007

### Golden Laparoscope Award

Second Place, Best surgical video  
35<sup>th</sup> Annual Meeting of the Association of Gynecologic Laparoscopists

### University of Iowa

1977 Honors and Distinction, Graduate

1977 Phi Beta Kappa

### University of Florida

1985 Resident Research Award

## CURRENT RESEARCH ACTIVITIES

Vaginal Extracorporeal treatment of recalcitrant rectal prolapse using polypropylene mesh

The Surgical Treatment of Coexisting Anterior and Apical Vaginal Support Defects with a Unique Mesh Configuration Implanted Using a Single Anterior Colpotomy (data collection ongoing)

TVT Registry USA site. Multicenter registry of Retropubic, Obturator and TVT Secur. (sponsored by Ethicon Women's Health and Urology, Inc.)

Minimally invasive treatment of persistent Female SUI following previous surgical treatment with radiofrequency using the Resessa system: a randomized trial of active vs. sham treatment. A multicenter trial

Minimally invasive treatment of Stress Urinary Incontinence in Women with Radiofrequency using the Renessa System: A multicenter trial.

Prospective evaluation of the safety and efficacy in the use of vaginal mesh implantation in the treatment of pelvic support defects using the Gynecare Prolift system- a multicenter trial. (in conjunction with the Institute for Female Pelvic Medicine Allentown, PA)

### **PAST RESEARCH ACTIVITIES**

- |           |  |
|-----------|--|
| 2004-2006 | Veritas collagen matrix (bovine pericardium) in the repair of anterior compartment defects. A randomized prospective postmarketing protocol (sponsored by Synovis Surgical)  |
| 2003-2006 | Tension Free Vaginal Tape-Obturator Approach for the Treatment of Female Stress Urinary Incontinence, early Clinical Experience (sponsored by Gynecare, a division of Ethicon, Inc.)   |
| 2003-2005 | A Randomized Trial of the Perioperative Use of Tolteradine in Patients with Mixed Urinary Incontinence Undergoing Surgical Treatment for Genuine Stress Incontinence (sponsored by Pfizer/Pharmacia Inc.)  |
| 2003-2004 | The Use of Tension Free Polypropylene Mesh in Non-exteriorized Vaginal Apical Prolapse: a multicenter trial  |
| 2003-2004 | Cadaveric study: The anatomic relationships in the Transobturator Tension-free Vaginal Tape procedure  |
| 1997-1999 | Research Director: Minneapolis Site; Phase Three FDA Clinical Trial "Pyrolytic Carbon Coated Beads vs. Gluteraldehyde Cross Linked Collagen periurethral bulking agents for the treatment of stress urinary incontinence due to ISD. A double blinded study. |
| 1990-1995 | Participating Researcher Community Clinical Oncology Program   |
| 1984-1985 | Epidural Analgesia: A Retrospective Study on the Effects on Labor and Delivery.<br><br>Bowenoid Papulosis and Carcinoma In Situ of the Vulva; The Same or Different Pathologic Entities?   |

### **TEACHING ACTIVITIES**

University of Minnesota Division of Female Pelvic Medicine and Reconstructive Surgery  
Adjuvant Assistant Professor

Saint Luke's Hospitals Division of Female Pelvic Medicine and Reconstructive Surgery  
2003-2004 Clinical Instructor

Abbington Memorial Hospital Division of Female Pelvic Medicine and Reconstructive Surgery

2003-2004 Clinical Instructor

University of Minnesota

Instructor: Neonatal Resuscitation Course; Recognition and Management of Intrapartum Fetal Compromise. 1990-1995

University of Iowa

Advanced Pelvic Anatomy, Instructor 1981

## PRESENTATIONS

**Raders J**, Visiting Professor, Department of Obstetrics and Gynecology; Ewha University Hospital; Seoul, South Korea: *Surgical Demonstration: Treatment of Female Stress Urinary Incontinence with a new Single Incision Mid-urethral Slings*; 6/30/08

**Raders J**, Visiting Professor, Department of Obstetrics and Gynecology; Ewha University Hospital; Seoul, South Korea: *Minimally Invasive Treatment of Stress Urinary Incontinence in Women*; 6/30/08

**Raders J**, Visiting Professor, Department of Obstetrics and Gynecology; Seoul National University Bundang Hospital; Seoul, South Korea: *Update on the Treatment of Urinary Incontinence and Pelvic Organ Prolapse in Women*; 6/30/2008

**Raders J**, Keynote Speaker; Korean Urogynecologic Society Annual Meeting; Yonsei University Severance Hospital; Seoul, South Korea: *Treatment Options Following Failed Anti-incontinence Surgery; New Trends in the Treatment of Female Stress Urinary Incontinence; Minimally Invasive Augmented Extracorporeal Treatment of Pelvic Organ Prolapse in Women*; 6/29/2008

**Raders J**, Visiting Professor Lecture; Hyo Sung Hospital Department of Obstetrics and Gynecology, Susung Gu Daegu, South Korea: *Update on the Treatment of Urinary Incontinence and Pelvic Organ Prolapse in Women* 6/28/08

**Raders J**, Southdale Ob/Gyn, Edina MN: *Pelvic Floor Update* 4/21/2008

**Raders J**. Society for Gynecologic Surgeons 34<sup>th</sup> Annual Scientific Meeting; *Extraperitoneal Reconstruction with Modified Total Prolift™ to Optimize Vaginal Length for Coexisting Anterior/Apical Prolapse*. Non Oral Poster Presentation 4/14-16/2008

**Raders J**, Staff CME: Abbott Northwestern Hospitals; *Update on the Treatment for Female Pelvic Floor Disorders* 3/26/2008

**Raders J**, Alexandria Clinics CME, Alexandria Clinic: *Advances in the Treatment of Female Pelvic Floor Disorders* 2/20/2008

**Raders J**, OR staff CME: Abbott Northwestern Hospitals: *Operative Treatment of Female Pelvic Floor Disorders* 1/21/2008

**Raders J**, Grand Rounds St. Josephs Hospital Dept. Obstetrics/Gynecology, Phoenix AZ: *CREOG Urogynecology Overview* 1/18/2008

**Raders J**, Guest Professor Series, Phoenix Ob/Gyn Society: *Data on the Use of Bioimplantable Materials in Pelvic Reconstructive Surgery* Phoenix AZ 1/17/2008

**Raders J**, Grand Rounds Banner Good Samaritan, Dept. Obstetrics/Gynecology, Phoenix AZ: *CREOG Urogynecology Overview* 1/17/2008

**Raders J**, Grand Rounds: Cyuna Institute for Minimally Invasive Surgery; Cyuna Regional Medical Center; *Updates in the Diagnosis and Treatments for Stress Urinary Incontinence and Pelvic Organ Prolapse* 12/4/2007

**Raders J**, Surgical Instructor: University of Calgary, Division of Urogynecology; *Extracorporeal Reconstructive Surgery for Pelvic Organ Prolapse and Minimally Invasive Single Incision Mid-Urethral Sling Techniques for the Treatment of Stress Urinary Incontinence* 10/24-25/2007

**Raders J**, Grand Rounds Presentation: Piedmont Hospital Systems; *Evidence Based Considerations for the use of Implantable Materials in Pelvic Reconstructive Surgery*. Atlanta Georgia 9/6/2007

**Raders J**, Grand Rounds Presentation: Grand Rapids Visiting Professor Program; 1. *The Evolution and State of the Art in the Treatment of Female Stress Urinary Incontinence*. 2. *Considerations for the use of Implantable Materials in Pelvic Reconstructive Surgery*. Grand Rapids Michigan 2/21/2007

**Raders J**, Lucente VR; Video Presentation: Laparoscopic Demonstration of Anatomic Transvaginal Placement of Mesh for the Repair of Anterior Compartment Defects. 35<sup>th</sup> Annual Meeting of the American Association of Gynecologic Laparoscopists; 11/6-9/2006

**Raders J**, Lucente VR; Video Presentation: Laparoscopic Demonstration of Anatomic Transvaginal Placement of Mesh for the Repair of Anterior Compartment Defects 31<sup>st</sup> Annual Meeting of the International Urogynecologic Association, Athens, Greece 9/6-9/2006

Murphy M, **Raders J**, Haff R, Yeager M, Lucente VR; *Early US Experience with Vaginal Extraperitoneal Colpopexy Using a Polypropylene Graft (Prolift™) for the Treatment of Pelvic Organ Prolapse*. 31<sup>st</sup> Annual Meeting of the International Urogynecologic Association, Athens, Greece 9/6-9/2006

**Raders J**; Grand Rounds, Buffalo Hospital, Buffalo MN; *Urinary Incontinence in Women; The Basics and What's New?* 07/26/06

**Raders J**; Grand Rounds, Monticello Hospital; *Urinary Incontinence, Where Have We Been and Where are We Going?* 07/12/06

**Raders J**; Chair Moderator, *Breaking the Ice About Stress Urinary Incontinence* with Ms. Bonnie Blair in conjunction with the American Operating Room Nurses Association.

**Raders J**; Coappearance with Ms. Bonnie Blair Channel 12 News: *Stress Urinary Incontinence in women*. 06/12/06

**Raders J**; Speaker/Moderator, National Webcast: *Considerations in the use of Biomaterials in Pelvic Reconstructive Surgery*. 04/12/06

**Raders J**; Grand Rounds Fairview Ridges Hospital: *Advances in the Treatment of Female Pelvic Support Disorders*. 04/7/06

Murphy M, **Raders J**, Haff R, Yeager M, Lucente VR; Non-oral Poster Presentation: *Early US Experience with Vaginal Extraperitoneal Colpopexy using a Polypropylene Graft*

*(Prolift™) for the Treatment of Pelvic Organ Prolapse.* Society for Gynecologic Surgeons Annual Scientific Meeting; April 3-5, 2006

**Raders J**, Lucente VR; Ethicon Women's Health annual preceptor conference, Salt Lake City Utah: *Laparoscopic Demonstration of Anatomic Transvaginal Placement of Mesh in the Repair of Anterior Compartment Support Defects.* 02/12/06

**Raders J**; Keynote speaker: Ethicon Women's Health annual preceptor conference, Salt Lake City Utah: *TVT Obturator- Anatomic Considerations and a Clinical Update.* 02/11/06

**Raders J**; Guest Faculty, Northern California Obstetrical and Gynecologic Association annual CME conference, Sacramento CA: *Considerations for the Use of Implantable Materials in Pelvic Reconstructive Surgery* 11/18/05

**Raders J**; Surgical Instructor; Vancouver Health Centre CA; *Obturator Mid-Urethral Sling Techniques for the Treatment of Female Stress Urinary Incontinence.* 12/10/05

**Raders J**; AORN annual CME conference: *Recognizing and the Prevention of Neurologic Injuries in Gynecologic Surgery* 11/5/05

**Raders J**, Rogers RM, Lucente VR; Podium presentation Annual Scientific meeting of the American Urogynecologic Society, Atlanta GA; *Anatomic Considerations for the TVT-Obturator Approach for the Correction of Female Stress Urinary Incontinence* September 2005

Jacquetin P, Cosson M, Debondiance P, Lucente VR, Robinson D, Miller D, **Raders J**, Kirkemo A ; Round table consensus meeting, *The Use of a Minimally Invasive System for the Vaginal Implantation of Mesh for Reconstructive Pelvic Surgery, Prolift.* International Continence Society 35<sup>th</sup> Annual Meeting; August-September 2005

Murphy M, **Raders J**, Wiseman B, Haff R, Lucente VR; Poster presentation 30<sup>th</sup> annual meeting of the International Urogynecological Association: *Vaginal Tension-Free Securement of Synthetic Mesh in the Treatment of Pelvic Organ Prolapse.* August 2005

**Raders J**, Murphey M, Lucente V; Poster presentation 30<sup>th</sup> annual meeting of the International Urogynecological Association: *Transobturator TVT (TVT-O) "Inside-Out" Suburethral Sling for the Treatment of Stress Urinary Incontinence (SUI): Early Clinical Experience.* August 2005

**Raders J**; Minnesota AORN, Keynote speaker: *New Directions in the Evaluation and Treatment of Urinary Incontinence and Pelvic Organ Prolapse.* 06/06/05

**Raders J**; Didactic presentation CRSAL academic faculty and fellows: *Anatomy of Pelvic Support.* 5/27/05

**Raders J**; Featured guest WCCO radio: Health Matters: *Urinary Incontinence and Disorders of Pelvic Support.* 5/15/05

**Raders J**; Didactic presentation CRSAL staff: *An overview of Pelvic Floor Dysfunction, Evaluation and Treatment.* 5/11/05

**Raders J**; Broadcast Telesurgery and Didactic presentation, University of Minnesota: *Tension Free Vaginal Tape, the Obturator Approach.* 5/06/05

**Raders J;** Grand Rounds, University of Minnesota Department of Obstetrics and Gynecology. *Considerations in the Use of Implantable Materials in Pelvic Reconstructive Surgery.* 3/15/05

**Raders J;** Minnesota Association of Physicians Assistants annual meeting. Keynote speaker: *Evaluation and treatment of women with pelvic floor dysfunction: The basics and what's new?* 3/3/05

**Raders J;** North Memorial OR staff educational forum. *Minimally invasive techniques in the treatment of urinary incontinence and pelvic organ prolapse.* 3/1/05

**Raders J;** Fairview Hospitals nursing educational forum: *Peri and postoperative care for patients undergoing pelvic reconstructive surgery.* 2/22/05

**Raders J;** Fairview Hospitals OR staff educational forum: *Minimally invasive techniques in the treatment of urinary incontinence and pelvic organ prolapse.* 2/8/05

**Raders J;** Surgical Preceptor: Royal College of Physicians and Surgeons; MSA Hospitals, Abbotsford, British Columbia 1/20/05

**Raders J;** Camden Physicians: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 1/13/05

**Raders J;** Grand Round NMMC: *Advances in the Surgical Treatment of Pelvic Organ Prolapse* 1/4/05

**Raders J;** Lucente V, Louisiana State University: *Considerations for the use of Implantable Materials in Pelvic Reconstructive Surgery* 12/18/04

**Raders J;** Kevyn Berger Radio Show: *Evolving Therapies for Overactive Bladder* 12/17/04

**Raders J;** Athletic Institute of Medicine: *Physical Therapy and the Pelvic Floor* 12/6/04

**Raders J;** North Memorial Physicians Minnetonka: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 11/29/04

**Raders J;** Patient Awareness Seminar, North Memorial Educational Center: *Urinary Incontinence and Options for Freedom* 11/22/04

**Raders J;** Patient Awareness Seminar, West Health Conference Center: *Urinary Incontinence and Options for Freedom* 11/8/04

**Raders J;** West Health Surgery Staff Seminar: *Advances in the Treatment of Urinary Incontinence and Prolapse* 11/6/04

**Raders J;** North Memorial Physicians Plymouth: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 10/19/04

**Raders J;** Northwest Family Physicians Crystal: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 10/13/04

**Raders J;** North Memorial Physicians Brooklyn Park: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 10/12/04

**Raders J**; Northwest Family Physicians: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 10/6/05

**Raders J**; Soteria Health Care: *Urinary Incontinence and Pelvic Organ Prolapse: The Basics and What's New?* 10/5/05

**Raders J**; Faculty, University of Minnesota multidisciplinary approach to pelvic floor disorders; *Management of vaginal vault prolapse* 9/7/2004

**Raders J**; Rogers R, Lucente V; Poster presentation at the ICS/IUGA joint scientific Meeting 2004 Paris, France: *Anatomic Considerations for the TVT-Obturator Approach for the Correction of Female Stress Urinary Incontinence*

**Raders J**; Lucente V; Abstract published at the ICS/IUGA joint scientific Meeting 2004 Paris, France: *Transobturator TVT (TVT-O) "Inside-to-Out" Suburethral Sling for the treatment of Stress Urinary Incontinence (SUI): Early U.S. Experience*

Lucente V, **Raders J**; Video presentation at the ICS/IUGA joint scientific Meeting 2004 Paris, France: *Techniques to Administer Local Anesthesia for the TVT-Obturator Pubovaginal Sling Procedure*

**Raders J**; Aguirre O, Davila GW; Poster presentation AUGS/SGS joint scientific meeting 2004 San Diego CA: *Polypropylene Patch Sling for the Treatment of Stress Urinary Incontinence*

**Raders J**; Abbington Hospitals, Ob/Gyn Grand Rounds *Pregnancy, Childbirth and the Pelvic Floor* May 4, 2004

**Raders J**; Abbington Hospitals, Ob/Gyn resident teaching rounds: *The Urinary Tract in Pregnancy* April 6, 2004

**Raders J**; Female Pelvic Support Anatomy: Synovis National Training 2003, 2004

**Raders J**; Urogynecology and Female Urodynamic Evaluation: Timm Medical National corporate meeting 1998-2002

**Raders J**; North Memorial Medical Center, Medical Staff Grand Rounds: *Gynecologic Urology: The Surgical and Non-surgical Management of Female Incontinence* Oct. 1987

## PUBLICATIONS

**Raders J.** *Extraperitoneal Reconstruction with Modified Total Prolift™ to Optimize Vaginal Length for Coexisting Anterior/Apical Prolapse.* J Pelvic Surg 2008;14(2):125

**Raders J,** Lucente VR, McGehean HM, Haff R. *Laparoscopic Demonstration of Anatomic Transvaginal Placement of Mesh for the Repair of Anterior Compartment Defects.* J Min Inv Gyn 2006;13(5):S176

**Raders J,** Lucente VR; *Laparoscopic Demonstration of Anatomic Transvaginal Placement of Mesh for the Repair of Anterior Compartment Defects.* Int Urogyn J 2006 17(Suppl 2): S090

Murphy M, **Raders J,** Haff R, Yeager M, Lucente VR; *Early US Experience with Vaginal Extraperitoneal Colpopexy Using a Polypropylene Graft (Prolift™) for the Treatment of Pelvic Organ Prolapse.* Int Urogyn J 2006 17(Suppl 2): S273

Murphy M, **Raders J,** Haff R, Yeager M, Lucente VR; *Early US Experience with Vaginal Extraperitoneal Colpopexy using a Polypropylene Graft (Prolift™) for the Treatment of Pelvic Organ Prolapse.* J Pelvic Surg 2006;12(2):104

**Raders J,** Rogers RM, Lucente V; *Anatomic Considerations in the Performance of the Tension Free Vaginal Tape Obturator Approach, A Cadaveric Study* J Pelvic Med 2005;11(Suppl 1):S12

Murphy M, **Raders J,** Wiseman B, Haff R, Lucente VR; *Vaginal Tension-Free Securement of Synthetic Mesh in the Treatment of Pelvic Organ Prolapse.* International Urogynecology J 2005;16(Suppl 2):S62

**Raders J,** Murphey M, Lucente V; *Transobturator TVT (TVT-O) “Inside-Out” Suburethral Sling for the Treatment of Stress Urinary Incontinence (SUI): Early Clinical Experience.* International Urogynecology J 2005;16(Suppl 2):S130

**Raders J,** Rogers RM, Lucente V; *Anatomic considerations for the TVT obturator approach for the correction of female stress urinary incontinence.* Neurology & Urodynamics 2004;23:155.

Guerette N, **Raders J,** Davila GW; *A Comparison of Outcomes with Sacrospinous Ligament Vaginal Vault Fixation with and Without Reinforcement Using Prolene Mesh.* Submitted for publication

**Raders J,** Aguirre O, Davila GW; *Polypropylene Patch Sling for the Treatment of Stress Urinary Incontinence.* Submitted for publication

**Raders JL,** Browne Medical: Urodynamic Training Video Series “Multichannel Urodynamic Evaluation Using the Pro Dynamic System”. Written, directed, and edited.

**Raders JL,** Vilos GA: *Dispersive pad injuries associated with hysteroscopic surgery.* Journal of the American Association of Gynecologic Laparoscopists 1999;6(3):363-367