

CURRICULUM VITAE

BIOGRAPHICAL

Name: Timothy D. Averch, M.D., F.A.C.S.

Business Address: Kaufmann Building, Suite 700
3471 Fifth Avenue
Pittsburgh, PA 15213-3221

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Business Fax: (412) 692-4101

EDUCATION and TRAINING

UNDERGRADUATE:

1981 -1985 University of Pennsylvania B.A., 1985 Anthropology
Philadelphia, PA

GRADUATE:

1985 -1989 University of Pittsburgh M.D., 1989
Pittsburgh, PA

2001 University of Pittsburgh Business and Leadership Skills
Katz School of Business for Physician Leaders
Pittsburgh, PA

POSTGRADUATE:

1989 - 1991 New York Medical College John Savino, M.D.
Valhalla, NY General Surgery Resident

1991 - 1995 New York Medical College Camille Mallouh, M.D.
Valhalla, NY Urology Resident

1995 - 1996 Johns Hopkins Medical Institutions Louis Kavoussi, M.D.
Baltimore, MD Fellow in Endourology

APPOINTMENTS and POSITIONS

ACADEMIC:

1995 - 1996	Johns Hopkins Medical Institutions Baltimore, MD	Instructor in Urology
1996 - 2000	Medical College of Virginia-- Virginia Commonwealth University Richmond, VA	Assistant Professor
1996 - 2000	Medical College of Virginia-- Virginia Commonwealth University	Director of Endourology
1996 – 2000	Hunter H. McGuire Veterans Administration Hospital Richmond, VA	Surgery Faculty
1997 - 2000	Medical College of Virginia-- Virginia Commonwealth University Minimally Invasive Surgery Center	Assistant Director
2000 – 2006	University of Pittsburgh Pittsburgh, PA	Assistant Professor
2000 - present	University of Pittsburgh	Director of Endourology
2002 - present	University of Pittsburgh	Endourology Fellowship Director
2006 - present	University of Pittsburgh	Associate Professor

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATIONS

1999	American Board of Urology	11904
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MEDICAL LICENSURE

1994	New York State	198327	Inactive
1995	Maryland	D47433	Inactive
1996	Virginia	54510	Inactive
2000	Pennsylvania	MD070342L	12/08

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

Fellow, American College of Surgeons
American Urological Association
Northeastern Section, American Urological Association
The Endourological Society
Society for Urology and Engineering
American Medical Association
Pennsylvania Medical Society
Allegheny County Medical Society
Minute Men of the Medical School of the University of Pittsburgh

HONORS

- 1997 Pfizer Scholar
- 1997 First Prize, AUA Audio Visual Committee Videotapes. *Laparoscopic Infrared Imaging*. Roberts WW, Micali S, Schulam, PG, **Averch TD**, Bonnell L, Kavoussi LR. American Urological Association 92nd Annual Meeting, New Orleans.
- 2006-2007 AUA Leadership
-

PUBLICATIONS

1. Crabtree PJ, **Averch TD**, Campana DV: *Report on the Bones and Seeds from Providence Covelands Excavation Area 2*. Museum Applied Science Center for Archeology Publications, University of Pennsylvania Press; April, 1983.
2. Schulam PG, Kavoussi LR Cheriff AD, **Averch TD**, Montgomery R, Ratner LE: *Laparoscopic Live Donor Nephrectomy: The Initial 3 Cases*. J Urol, 155: 1857, 1996.
3. **Averch TD**, Kavoussi LR: *Laparoscopic Reconstructive Surgery*. Curr Opin in Urol, 6(3),1996.
4. Micali S, Moore RG, **Averch TD**, Adams JB, Kavoussi LR: *The Role of Laparoscopy in the Treatment of Renal and Ureteral Calculi*. J Urol, 157: 463, 1997.
5. Moore RG, **Averch TD**, Schulam PG, Adams JB, Chen RN, Kavoussi LR: *Laparoscopic Pyeloplasty: Experience with the Initial 30 Cases*. J Urol, 157: 459, 1997.

Publications (Continued)

6. **Averch TD**, O'Sullivan D, Brietenbach C, Schulam PG, Moore RG, Kavoussi LR: *Digital Radiographic Imaging Transfer: A Comparison with Plain Radiographs*. J Endourol, 11(2): 99, 1997.
7. O'Sullivan DC, **Averch TD**, Cadeddu JA, Moore RG, Besar N, Brietenbach C, Khazan R, Kavoussi LR: *Teleradiology in Urology: Comparison of Digital Image Quality with Original Radiographic Films to Detect Urinary Calculi* J Urol, 158: 2216, 1997.
8. O'Sullivan DC, Micali S, **Averch TD**, Buffer S, Reyerson T, Schulam PG, Kavoussi LR: *Factors Involved in Gas Embolism after Laparoscopic Injury to Inferior Vena Cava*. J Endourol, 12(2): 149, 1998.
9. Cadeddu JA, Wolfe JS, et al, and **Averch TD**: *Complications of Laparoscopic Procedures after Concentrated Training in Urological Laparoscopy*. J Urol, 166: 2109, 2001.
10. Chung SY, Chang PJ, Davies BJ, Hakala TR, **Averch TD**: *Novel Technique in the Diagnosis and Management of Fraley's Syndrome: Helical CT with Three-Dimensional Volume Rendering*. J Endourol, 17(9), 755, 2003.
11. Rosenberg BH, **Averch TD**: *Ancillary Instrumentation for Ureteroscopy*. Urol Clin North Am, 31(1), 2004.
12. Chung SY, Stein RJ, Landsittel B, Davies BJ, Cuellar DC, Hrebinko RL, Tarin T, **Averch TD**: *15-year Experience with Management of Extrinsic Ureteral Obstruction with Indwelling Ureteral Stents*. J Urol, 172: 592, 2004.
13. Cuellar DC, **Averch TD**: *Holmium Laser Percutaneous Nephrolithotomy Using a Unique Suction Device*. J Endourol, 18(8), 780, 2004.
14. Rosenberg BH, Landsittel D, **Averch TD**: *Can Video Games Be Used to Predict or Improve Laparoscopic Skills?* J Endourol, 19(3), 372, 2005.
15. Pearle MS, Lingeman JE, Leveillee R, Kuo R, Preminger GM, Nadler RB, Macaluso J, Monga M, Kumar U, Dushinski J, Albala DM, Wolf JS Jr, Assimos D, Fabrizio M, Munch LC, Nakada SY, Auge B, Honey J, Ogan K, Pattaras J, McDougall EM, **Averch TD**, Turk T, Pietrow P, Watkins S: *Prospective, randomized trial comparing shock wave lithotripsy and ureteroscopy for lower pole caliceal calculi 1 cm or less*. J Urol, 173(6), 2005-9, 2005.

Publications (Continued)

16. Cannon G, **Averch TD**, Colen J, Morrisroe S, Durrani O, Hrebinko RL: *Hand-Assisted Laparoscopic Nephroureterectomy with Open Cystotomy for Removal of the Distal Ureter and Bladder Cuff*. J Endourol, 19(8):973-5, 2005.
17. **Averch TD**: *Controversial Cases in Endourology*. J Endourol (accepted).
18. Cannon G, **Averch TD**: *Renal Pseudoaneurysm after PCNL*. Can J Urol, Can J Urol. Feb;13(1):2984-7, 2006.
19. Davies BJ, Gibbons E, Marsh W, Bastacky S, **Averch TD**: *Complete Ureteral and Common Iliac Artery Translocation From A Giant Retroperitoneal Liposarcoma*. (submitted).

Book Chapters

1. **Averch TD**, Kavoussi LR: *Laparoscopic Ureteral Surgery* In Sosa RE, Albala DM, Jenkins AD, Perlmutter AP (Eds.): *Textbook of Endourology*: W.B. Saunders Co., Philadelphia. PA, 1997.
2. Chung SY, **Averch TD**: *Morcellation Versus Intact Specimen Removal: Clinical Implications and Risk of Tumor Recurrences*. In Cadeddu JA: *Laparoscopic Urologic Oncology*: Humana Press Inc, 2004.
3. Stein RJ, Chung SY, **Averch TD**: *Evaluation, Perioperative, and Postoperative Care of the Endourologic/Laparoscopic Patient*. In Moore R, Bischoff J, Docimo S: *Minimally Invasive Urologic Surgery*: Taylor & Francis, 2005.
4. Cuellar D, **Averch TD**: *Anesthetic Considerations / Complications*. In Ravikumar S, Jarrett T: *Complications of Urologic Laparoscopic Surgery*. Taylor & Francis, 2005.
5. Ricchiuti DJ, **Averch TD**: *Simple Laparoscopic Nephrectomy*. Bishoff JT: *Atlas of Retroperitoneal Laparoscopic Surgery*: Elsevier, 2006 (in press).

Abstracts

1. **Averch TD**, Mallouh C: *Incidental Penile Torsion Uncovered During Elective Circumcision*. Valentine Essay, New York Academy of Medicine, March, 1992.

Abstracts (Continued)

2. **Averch TD**, Allman D, Hernandez JG: *The Use of Testicular Biopsy for the Diagnosis of Polyarteritis Nodosa*. Valentine Essay, New York Academy of Medicine, March, 1993.
3. **Averch TD**, Franco I: *Chylous Ascites Occurring after Therapy for Wilms' Tumor*. Valentine Essay, New York Academy of Medicine, March, 1994.
4. **Averch TD**, Allman DB: *A Six Year Experience with Penetrating Wounds to the Penis*. Valentine Essay, New York Academy of Medicine, March, 1995.
5. Moore RG, **Averch TD**, Adams JB, Schulam PG, Kavoussi LR: *Laparoscopic Pyeloplasty: Intermediate Follow-Up*. 13th World Congress on Endourology and ESWL. Jerusalem, Israel, November, 1995.
6. Adams JB, Marco AP, **Averch TD**, Moore RG, Partin AW, Kavoussi LR: *Physiologic Changes during Laparoscopy Utilizing 20mmHg Intra-Abdominal Pressure*. 13th World Congress on Endourology and ESWL. Jerusalem, Israel, November, 1995.
7. **Averch TD**, Adams JB, Anderson JH, Strandberg RD, Moore RG, Kavoussi LR, Marshall FF: *Transcutaneous Ablation of Rabbit Renal Tumors Utilizing High Intensity Focused Ultrasound* American Urological Association 91st Annual Meeting, Orlando, Florida, May, 1996.
8. **Averch TD**, Ameri A, Schulam PG, Moore RG, Kavoussi LR: *Laparoscopy for Retroperitoneal Malignancies: Risk of Spread*. American Urological Association 91st Annual Meeting, Orlando, Florida, May, 1996.
9. Moore RG, Schulam PG, Adams JB, **Averch TD**, Kavoussi LR: *Laparoscopic Reconstructive Surgery for Ureteropelvic Junction Obstruction: The Learning Curve*. American Urological Association 91st Annual Meeting, Orlando, Florida, May, 1996.
10. Bonnell L, Schulam PG, **Averch TD**, Anderson JH, Moore RG, Kavoussi LR: *Early-Stage Developments of an Infrared Video Endoscope*. American Urological Association 91st Annual Meeting, Orlando, Florida, May, 1996.
11. **Averch TD**, O'Sullivan DC, Micali S, Buffer SA, Schulam PG, Kavoussi LR: *Venous Injuries During Laparoscopic Surgery: Risk of Carbon Dioxide Embolism*. 14th World Congress on Endourology and ESWL. Melbourne Australia, November, 1996.

Abstracts (Continued)

12. **Averch TD**, O'Sullivan DC, Brietenbach C, Schulam PG, Moore RG, Kavoussi LR: *Digital Radiographic Imaging Transfer: A Comparison with Plain Radiographs*. 14th World Congress on Endourology and ESWL. Melbourne Australia, November, 1996.
13. Moore RG, **Averch TD**, Schulam PG, Chen RN, Adams JB, Kavoussi LR: *Laparoscopic Pyeloplasty for the Obstructed Ureteropelvic Junction: 2 Year Follow-Up*. 14th World Congress on Endourology and ESWL. Melbourne Australia, November, 1996.
14. Schulam PG, Moore RG, Montgomery R, **Averch TD**, Ratner LE, Kavoussi LR: *Laparoscopic Live Donor Nephrectomy: Three Month Follow-Up*. 14th World Congress on Endourology and ESWL. Melbourne Australia, November, 1996.
15. **Averch TD**, Chen RN, Kavoussi LR, Llorens SA, Moore RG: *Laparoscopic Nephrectomy Using a 3 Port Technique*. American Urological Association 92nd Annual Meeting, New Orleans, Louisiana, April, 1997.
16. Young JD, **Averch TD**: *Early Experience with a Low Power Holmium Laser*. 15th World Congress on Endourology and ESWL. Edinburgh, Scotland, August, 1997.
17. Young JD, Terranova SA, **Averch TD**: *Ureteral Obstruction with Infection: A Comparison between Percutaneous Nephrostomy and Ureteral Stenting*. 15th World Congress on Endourology and ESWL. Edinburgh, Scotland, August, 1997.
18. Mian BM, Dumont M, **Averch TD**: *Urologic Complications of Simultaneous Pancreas-Kidney Transplants with Bladder Drainage*. 55th Annual Meeting, Mid-Atlantic Section, AUA. Hot Springs, Virginia, September, 1997.
19. Dumont MD, **Averch TD**: *Initial Experience with a Low Power Holmium Laser for Soft Tissue Applications*. 16th World Congress on Endourology and ESWL. New York, NY. September, 1998.
20. Kau EL, Sigman HC, Prasad UR, Katz PG, Szucs RA, **Averch TD**: *Fluoroscopic Image Interpretation: A Comparison between Film And Computer File*. 16th World Congress on Endourology and ESWL. New York, NY. September, 1998.

Abstracts (Continued)

21. Dumont MD, **Averch TD**: *Treatment of Urolithiasis with a Low Power Holmium Laser*. 16th World Congress on Endourology and ESWL. New York, NY. September, 1998.
22. Inamdar AH, Shoaf GS , **Averch TD**: *Cost Comparison of Preoperative and Intra-Operative Percutaneous Renal Access*. 17th World Congress on Endourology and ESWL. Rhodes, Greece, September, 1999.
23. Amin MS, DuMont MD, **Averch TD**: *Lower-Pole Caliceal Stone Clearance with a Low Power Holmium Laser*. 17th World Congress on Endourology and ESWL. Rhodes, Greece, September, 1999.
24. Phelan M, **Averch TD**: *Internet-Based Survey: Ureteral Stent Practice Trends*. 18th World Congress on Endourology and ESWL. Sao Paulo, Brasil, September, 2000.
25. Chung SY, Chang PJ, **Averch TD**: *A Novel Technique in the Diagnosis and Management of Fraley's Syndrome: Helical Computed Tomography with Three-Dimensional Volume Rendering Techniques*. 18th World Congress on Endourology and ESWL. Sao Paulo, Brasil, September, 2000.
26. Cadeddu JA, Wolfe JS, Nakada SY, Chen R, Shalhav A, Bishoff J, Hoening D, Fabrizio, M Hedican, **Averch TD**, Soble J: *Complications of Laparoscopic Procedures after Concentrated Training in Urologic Laparoscopy*. 18th World Congress on Endourology and ESWL. Sao Paulo, Brasil, September, 2000.
27. Despradel VM, Terranova SA, Mian BM, **Averch TD**: *Use of Holmium Laser in Conjunction with Electrohydraulic Lithotripsy in the Treatment of Bladder Calculi*. 18th World Congress on Endourology and ESWL. Sao Paulo, Brasil, September, 2000.
28. **Averch TD**, Frank ME, Phelan MW, Chang PJ: *Measuring Renal Lower Pole Anatomy: Using a Phantom to Assess Variability between Readers on Radiographs and Computerized Tomography*. 19th World Congress on Endourology and ESWL. Bangkok, Thailand, November, 2001.
29. Auge BK, **Averch TD**, and Lower Pole II Study Group: *Internet-Based Multi-Institutional Clinical Research: A Convenient and Secure Option*. 19th World Congress on Endourology and ESWL. Bangkok, Thailand, November, 2001.

Abstracts (Continued)

30. Phelan MW, **Averch TD**, Hrebinko RL: *Hand Assisted Laparoscopic Nephroureterectomy vs. Open Nephroureterectomy: A Single Surgeon Experience*. 19th World Congress on Endourology and ESWL. Bangkok, Thailand, November, 2001.
31. Phelan MW, **Averch TD**, Hrebinko RL: *Hand Assisted Laparoscopic Nephrectomy vs. Open Nephrectomy: A Single Oncologic Surgeon Experience* 19th World Congress on Endourology and ESWL. Bangkok, Thailand, November, 2001.
32. Zuniga ZV, Phelan MW, **Averch TD**, Chancellor MB: *Application of Holmium Laser Technology for Urethral Soft Tissue Disease*. 19th World Congress on Endourology and ESWL. Bangkok, Thailand, November, 2001.
33. Kim FJ, Ryan BP, Pinto PA, Stoianovici D, Patriciu A, **Averch TD**, Jarrett TW, Kavoussi LR: *Urologic Telerounding*. American Urological Association 97th Annual Meeting, Orlando, Florida, May, 2002.
34. **Averch TD**, Franks ME, Phelan MW, Chang PJ: *Measuring Renal Lower Pole Anatomy: Using a Phantom to Assess Variability between Readers on Radiographs and Computerized Tomography*. R.O.C.K. Society Meeting, Orlando, May, 2002.
35. Cuellar DC, **Averch TD**: *Using the Holmium Laser as a Lithotripsy Device for Percutaneous Nephrolithotomy*. 20th World Congress on Endourology and ESWL. Genoa, Italy, September, 2002.
36. Chung SY, Meldrum K, **Averch TD**, Cuellar DC, Docimo SG: *Laparoscopic-Assisted Reconstructive Surgery: Functional Outcomes*. 20th World Congress on Endourology and ESWL. Genoa, Italy, September, 2002.
37. Phelan MW, **Averch TD**, Hrebinko RL: *Modified Hand-Assisted Laparoscopic Nephroureterectomy*. 20th World Congress on Endourology and ESWL. Genoa, Italy, September, 2002.
38. Chung SY, Stein RJ, Davies BJ, Cuellar DC, **Averch TD**: *15-year Experience with Management of Extrinsic Ureteral Obstruction with Indwelling Ureteral Stents*. 55th Annual Meeting, Northeastern Section, AUA. Halifax, Nova Scotia, Canada.

Abstracts (Continued)

39. Rosenberg BH, Hayn MH, Cuellar DC, **Averch TD**: *Adding Gentamicin to Endoscopic Irrigation: Reducing Febrile Complications*. 55th Annual Meeting, Northeastern Section, AUA. Halifax, Nova Scotia, Canada.
40. Chung SY, Cuellar DC, Landsittel B, Davies BJ, Tarin T, Stein RJ, Rosenberg BH, **Averch TD**: *15-year Experience with Management of Extrinsic Ureteral Obstruction with Indwelling Ureteral Stents*. 21st World Congress on Endourology and SWL. Montreal, Canada, September, 2003.
41. Hayn MH, Cuellar DC, Rosenberg BH, **Averch TD** : *Adding Gentamicin to Endoscopic Irrigation: Reducing Febrile Complications*. 21st World Congress on Endourology and SWL. Montreal, Canada, September, 2003.
42. Rosenberg BH, Cuellar DC, **Averch TD**: *Early Local Recurrence of T1 Renal Cell Cancer After Laparoscopic Partial Nephrectomy*. 21st World Congress on Endourology and SWL. Montreal, Canada, September, 2003.
43. Ricchiuti D, Rosenberg BH, Cuellar DC, **Averch TD**: *The Use of Personal Software to Create Video for Presenting at Urologic Meetings*. American Urological Association 99th Annual Meeting, San Francisco, California, May, 2004.
44. Cannon G, **Averch TD**, Rosenberg BH, Colen J, Morrisroe S, Hrebinko RL: *Hand-Assisted Laparoscopic Nephroureterectomy with Open Cystotomy for Removal of the Distal Ureter and Bladder Cuff*. 56th Annual Meeting, Northeastern Section, AUA. Savannah, Georgia, October, 2004.
45. Sweeney DD, Durrani OH, Rosenberg BH, **Averch TD**: *Initial Experience with Laparoscopic Surgery for Ureteropelvic Junction Obstruction*. 56th Annual Meeting, Northeastern Section, AUA. Savannah, Georgia, October, 2004.
46. Durrani OH, Rosenberg BH, Landsittel D, **Averch TD**: *Can Video Games Be Used to Predict and/or Improve Laparoscopic Skills*. 56th Annual Meeting, Northeastern Section, AUA. Savannah, Georgia, October, 2004.
47. Durrani OH, Sweeney DD, Rosenberg BH, **Averch TD**: *The Digital Cystonephroscope: The New Frontier*. 56th Annual Meeting, Northeastern Section, AUA. Savannah, Georgia, October, 2004.
48. Durrani OH, Sweeney DD, Rosenberg BH, **Averch TD**: *Initial Experience with Laparoscopic Surgery for Ureteropelvic Junction Obstruction*. 22st World Congress on Endourology and SWL. Mumbai, India, November,

2004.

Abstracts (Continued)

46. Durrani OH, Ricchiuti D, Rosenberg BH, Cuellar DC, Chung SY, **Averch TD**: *The Use of Personal Software to Create Video for Presenting at Urologic Meetings*. 22st World Congress on Endourology and SWL. Mumbai, India, November, 2004.
47. Durrani OH, Rosenberg BH, Landsittel D, **Averch TD**: *Can Video Games Be Used to Predict and/or Improve Laparoscopic Skills*. 22st World Congress on Endourology and SWL. Mumbai, India, November, 2004.
48. **Averch TD**, Cannon G, Durrani OH, Rosenberg BH, Colen J, Morrisroe S, Hrebinko RL: *Hand-Assisted Laparoscopic Nephroureterectomy with Open Cystotomy for Removal of the Distal Ureter and Bladder Cuff*. 22st World Congress on Endourology and SWL. Mumbai, India, November, 2004.
49. Durrani OH, Morrisroe S, Ricchiuti D, **Averch TD**: Incidence of Stone Disease in the Laparoscopic Gastric Bypass Population for Morbid Obesity. 23rd World congress on Endourology and ESWL. Amsterdam, The Netherlands, August, 2005.
50. Gibbons E, Durrani OH, Butani R, Ricchiuti D, **Averch TD**, Nelson JB: Feasibility and Outcome of Retrograde Endoscopy in a Post-Prostatectomy Population. 23rd World Congress on Endourology and ESWL. Amsterdam, The Netherlands, August, 2005.
51. Matoka DJ, **Averch TD**: Predictability of Irritative Voiding Symptoms Following Photoselective Laser Vaporization of the Prostate. Joint Annual Meeting, Northeastern and New England Sections, AUA. Bermuda, November, 2005.

Videos

1. Schulam PG, Moore RG Adams JB, **Averch TD**, Bishoff JT, Kavoussi LR: *Laparoscopic Dismembered Pyeloplasty*. 14th World Congress on Endourology and ESWL. Melbourne Australia, November, 1996.
2. Micali S, Bonnell L, Chen RN, Schulam PG, **Averch TD**, Moore RG, Kavoussi LR: *Infrared Video Endoscopy*. 14th World Congress on Endourology and ESWL. Melbourne Australia, November, 1996.
3. Barnes CR, Galiani D, Dumont MD, **Averch TD**: *Holmium Laser Treatment of Condyloma Acuminata*. 16th World Congress on Endourology and ESWL. New York, NY. September, 1998.

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Videos (Continued)

4. Despradel VM, Terranova SA, Mian BM, **Averch TD**: *Use of Holmium Laser in Conjunction with Electrohydraulic Lithotripsy in the Treatment of Bladder Calculi*. Mid-Atlantic Section, AUA. Puerto Rico, October, 2000.
5. **Averch TD**, Chang SY, Cuellar DC, *Holmium Laser Percutaneous Nephrolithotomy: The Technique*. 20th World Congress on Endourology and ESWL. Genoa, Italy, September, 2002.
6. Rosenberg BH, Cuellar DC, **Averch TD**: *Laparoscopic Bladder Diverticulectomy: The Technique*. 21st World Congress on Endourology and SWL. Montreal, Canada, September, 2003.
7. Rosenberg BH, Cuellar DC, **Averch TD**: *Laparoscopic Bladder Diverticulectomy*. American Urological Association 99th Annual Meeting, San Francisco, California, May, 2004.
8. Durrani OH, Ricchiuti DJ, Rosenberg BH, **Averch TD**: *The Digital Cystonephroscope: The New Frontier*. 22st World Congress on Endourology and SWL. Mumbai, India, November, 2004.
9. Ricchiuti D, Butani R, Durrani OH, Jackman S, Averch TD: *Left Hand-Assisted Laparoscopic Nephrectomy for Renal cell Carcinoma with Tumor Thrombus Extension into the inferior Vena Cava*. 23rd World Congress on Endourology and ESWL. Amsterdam, The Netherlands, August, 2005.
10. Butani R, Durrani OH, Jackman S, Averch TD: *Endopyeloplasty: Marsupialization of a High-Inserting Ureter*. 23rd World Congress on Endourology and ESWL. Amsterdam, The Netherlands, August, 2005.
11. Ricchiuti D, Durrani OH, Butani R, Jackman S, Averch TD: *Laparoscopic Pyelolithotomy in a Pelvic Kidney: The Video*. 23rd World congress on Endourology and ESWL. Amsterdam, The Netherlands, August, 2005.

PROFESSIONAL ACTIVITIES

TEACHING

- 1996-2000 Renal Calculi. Medical College of Virginia Second-year medical student Renal Pathophysiology Course.
- 1997-2000 Benign and Malignant Diseases in Urology. Medical College of Virginia Third-year medical student Surgery Course Lectures.

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TEACHING (Continued)

- 1999-2000 Erectile Dysfunction. Medical College of Virginia medical resident didactics.
- 1997-present Laser Certification Instructor and Course Director, Medical College of Virginia and Guild Industries.
- 2000-present Hematuria lectures. University of Pittsburgh School of Medicine Second-year medical student Renal block course.
- 2000-present Problem Based Learning lectures. University of Pittsburgh School of Medicine First-year medical student course.
- 2000-2003 Lecturer and Co-organizer. University of Pittsburgh School of Medicine Ambulatory Subspecialty Course (Urology), Third-year medical students.
- January, 2001-2006 Lamm, Paola & Hrebinko - Preparatory Course for the Urology Certifying Exam Part II, Examiner.
- April, 2001 Hand Assisted Laparoscopy Nephrectomy Workshop. Co-Director. Minimally Invasive Surgery Center, UPMC.
- April, 2001 Holmium Laser Course, Director. Riverside Methodist Hospital, Columbus, Ohio.
- June, 2002 Hand Assisted Laparoscopy Nephrectomy Workshop. Co-Director. Minimally Invasive Surgery Center, UPMC.
- August, 2002 Holmium Laser Course. Director. University of Pittsburgh Medical Center.
- November, 2002 "RFA of renal cell carcinoma" Minimally Invasive Radiofrequency Ablation of Solid Organ Tumors Course, UPMC
- April, 2003 Integrated Case Studies. University of Pittsburgh School of Medicine Second-year medical student course.
- May, 2003 Hand Assisted Laparoscopy Nephrectomy Workshop. Director. Minimally Invasive Surgery Center, UPMC.
- July, 2003 Holmium Laser Course. Director. University of Pittsburgh Medical Center.
- November, 2003 Hand Assisted Laparoscopy Nephrectomy Workshop. Director. Minimally Invasive Surgery Center, UPMC.

TEACHING (Continued)

May, 2004 Hand Assisted Laparoscopy Nephrectomy Workshop. Director. Minimally Invasive Surgery Center, UPMC.

May, 2005 Hand Assisted Laparoscopy Nephrectomy Workshop. Director. Minimally Invasive Surgery Center, UPMC.

September, 2005 Greenlight PVP Workshop. Director, UPMC.

May, 2006 Hand Assisted Laparoscopy Nephrectomy Workshop. Director. Minimally Invasive Surgery Center, UPMC.

RESEARCH

Current Research

- 1 Effects of Gatorade® on Kidney Stone formation. Sweeny DD, Durrani OH, **Averch TD**. Quaker Oats grant: \$47,000, 2005.
2. Biomechanical Properties of Human Cadaveric Pericardium and Tensor Fascia Lata. Kostiner GB, **Averch TD**. LifeNet. MCV grant: \$6,625.,1997.
3. Skill assessment and training in the virtual model for endoscopic and laparoscopic surgery. Ricchiuti D, Rosenberg BH, **Averch TD**. Tyco Healthcare grant, \$2000, 2003.
4. Long Term Patency Rates in Holmium Laser Treated Ureteral Strictures. **Averch TD**.
5. Lower Pole Study Group II- Multi-Institutional. **Averch TD**, Pearle M, University of Southwestern Texas, and Leveille R, University of Miami (Principal Investigators).
6. Ureteral stent comfort assessment. Ricchiuti DJ, **Averch TD**.
7. Morbid obesity and gastric bypass effects of kidney stone formation. Durrani OH, Ricchiuti DJ, **Averch TD**.

Other Research and Peer Review Activities

1998-present Urology, Article reviewer.

1999-present J. Endourology, Article reviewer.

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2005-present J. Urology, Article reviewer.

Peer Review Activities (Continued)

9/97 Podium session moderator: Endourology and Transplant. 55th Annual Meeting, Mid Atlantic Section, AUA. Hot Springs, Virginia.

5/98 Poster session moderator: Ureteroscopy. 16th World Congress on Endourology and ESWL. New York, NY.

4/03 Podium session moderator: Ureteroscopy and Adrenal. American Urological Association. Chicago, Illinois.

9/03 Podium session moderator: Laparoscopy. 55th Annual Meeting, Northeastern Section, AUA. Halifax, Nova Scotia, Canada.

9/03 Video session moderator: Laparoscopy for Nephrolithiasis. 21st World Congress on Endourology and SWL, Montreal, Canada.

2004-2006 US Army of Small Business Innovative Research, grant reviewer.

11/04 Video session moderator: Laparoscopic Uretero Vesical Reconstruction. 22st World Congress on Endourology and SWL, Mumbai, India.

8/06 Poster session moderator: . 24th World Congress on Endourology and SWL. Cleveland, OH.

9/06 Poster session moderator: Urologic Laparoscopy. Society of Laparoendoscopic Surgeons. Boston, MA.

2006-present Editorial Board. Canadian Journal of Urology.

Invited Lecturer

1. *Use of Infrared Imaging in Laparoscopy.* Surgery Grand Rounds, Medical College of Virginia, Richmond, Virginia, April, 1997.

2. *Update on Laparoscopy in Urology.* Grand Rounds, Department of Urology, New York Medical College, Valhalla, New York, June, 1997 .

3. *Renal Failure and Erectile Dysfunction.* National Kidney Foundation, Virginia Chapter. September, 1998.

3. *Laparoscopy in Urology.* Grand Rounds, Division of Urology, University of

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Medicine and Dentistry of New Jersey, Newark, New Jersey, May, 1999.

4. *Holmium Lasers in Urology*. Laser en Medicina y Cirugia, Expo Medica Hospital 99, Mexico City, Mexico, June, 1999.
12. *Current Concepts in the Diagnosis & Treatment of ED*. Medical Grand Rounds, Sentara Bayside Medical Center, Virginia Beach, Virginia, July, 1999.
13. *Contemporary Issues in the Management of Sexual Dysfunction*. Medical Grand Rounds, Riverside Regional Medical Center, Newport News, Virginia, February, 2000.

Invited Lecturer (Continued)

14. *Current Concepts in the Diagnosis & Treatment of ED*. Virginia Academy of Family Physicians Winter Family Practice Weekend, Wintergreen, Virginia, February, 2000.
15. *Laparoscopy in Urology: 2000 and Beyond*. Grand Rounds, Division of Urology, Medical College of Virginia, Richmond, Virginia, February, 2000.
16. *Laparoscopy in Urology: 2000 and Beyond*. Grand Rounds, Department of Urology, University of Pittsburgh, Pittsburgh, Pennsylvania, May, 2000.
17. *Urinary Calculus Disease*. Grand Rounds, Department of Urology, University of Pittsburgh, Pittsburgh, Pennsylvania, October, 2000.
18. *Flexible Percutaneous Nephroscopy*. Advanced Percutaneous Endorenal Surgery. Albany, New York, October, 2001.
19. *Update in Urology*. Medical Grand Rounds. Armstrong County Memorial Hospital, Armstrong, Pennsylvania, January, 2001.
20. *Update in Urology*. Medical Grand Rounds. Jeanette Memorial Regional Hospital, Jeanette, Pennsylvania, April, 2001.
21. *Endoscopic Treatment of Ureteral Strictures and Tumors, Diagnostic Ureteropyeloscopy, and The Future of Laser as an Energy Source in Lithotripsy*. Brazilian Urologic Society Meeting, Forteleza, Brazil, October, 2001.
22. *Laparoscopic Access and Laparoscopic Adrenalectomy*. Advances in Endourology: Laparoscopic Urologic Surgery. Albany, New York, October, 2001.
23. *Laparoscopic Donor Nephrectomy*. Starzl Transplantation Institute Grand

Rounds. Pittsburgh, Pennsylvania, December, 2001.

24. *Endourology Course with Live Surgery*. Northeastern Section, AUA 54th Meeting. Mont-Tremblant, Quebec, September, 2002.
25. *Current Concepts in the Diagnosis & Treatment of ED*. Medical Grand Rounds. Highland Drive Veteran's Hospital, Pittsburgh, Pennsylvania, April, 2003.
26. Visiting Professor. St. Joseph's Hospital, Parkersburg, West Virginia, June, 2004.

Invited Lecturer (Continued)

27. *Laparoscopic Radical Prostatectomy: A New Alternative in the Surgical Management of Prostate Cancer*. Prostate Cancer Education and Support Group, UPMC Cancer Centers Chapter, Pittsburgh, PA, June, 2004.
28. Visiting Professor, Puerto Rico Urological Association, San Juan, PR, November, 2004.
29. *Diet and Hydration: Effect on Kidney Stone Formation*. Grand Rounds, Department of Urology, University of Pittsburgh, Pittsburgh, Pennsylvania, December, 2004.
30. *Kidney Stones: The Influence of Diet and Hydration*. University-Wide Endocrine Conference. University of Pittsburgh School of Medicine, Division of Endocrinology and Metabolism, Pittsburgh, Pennsylvania, March, 2005.
31. Six Lectures on Surgical Management of Kidney Stones. Update International em Endourologia e Cirurgia Minimamente Invasiva, Riberao Preto, Brazil, April, 2005.
32. Visiting Professor, Laparoscopic Pyeloplasty. Southern Maine Medical Center, Binniford, Maine, August, 2005.
33. Guest Speaker, *Update on Percutaneous Nephrolithotomy*. Atlanta Urological Society Meeting, Atlanta, GA, December, 2006.
34. Visiting Professor. *Dietary Influences on Medical Management of Urolithiasis*. Emory Department of Urology. Atlanta, GA, December, 2006.
35. Visiting Professor. *Update on Kidney Stone Management*. University of Colorado Division of Urology. December, 2006.

SERVICE

National Committees

- 2003-2004 Bylaws Committee, Northeastern Section, American Urological Association.
- 2004-2005 Northeastern Section Representative, Laparoscopy Committee of the American Urological Association.

University Committees

- 2004-present U. of Pittsburgh School of Medicine Interview committee. Interviewer.
- 2005- present U. of Pittsburgh Senate Computer Usage Committee. Member-at-Large.

Hospital Committees

- 1996-2000 Minimally Invasive Surgery Center Committee, Medical College of Virginia.
- 1997-2000 Surgery Patient Care Committee, Medical College of Virginia.
- 1998-2000 Operating Room Committee, Medical College of Virginia.
- 2000-present Minimally Invasive Surgery Center Committee, University of Pittsburgh.
- 2000-present Urology Product Acquisition and Management User Group, UPMC Health System.
- 2000-2006 Procedure Evaluation Committee, UPMC Health System.
- 2001 Revenue Cycle – Billing/Follow Up Committee, UPPhysicians.
- 2001-2003 Compliance Advisory Committee, UPPhysicians.
- 2002 Ambulatory Care Facility Steering Committee, UPMC Health System.
- 2003-present Surgical Services Oversight Committee, UPMC Health System.
- 2003-present Innovative Practice Sub Committee, Chairperson. UPMC Technology Assessment Committee, UPMC Health System.
- 2004-present Medical Executive Committee, UPMC Presbyterian.

Community

- 1995-1996 Planned Parenthood of Baltimore, Clinical Urologist.
- 1997-1999 Prostate Cancer Screening, Prostate Cancer Awareness Week, Organizer, Medical College of Virginia.
- 1997-1999 Virginia Governor's School of Medicine. Mentor.
- 2001-2006 Pennsylvania Governors' School of Medicine. Mentor.
- 2003-2004 University of Pittsburgh School of Medicine Office of Minority Programs Junior Achievement Job Shadow Day. Mentor.