

CURRICULUM VITAE

James E. Lingeman, M.D.
Director of Research
Methodist Hospital Institute for Kidney Stone Disease

Birthdate:	August 30, 1949	
Education:	Cornell University Ithaca, New York	1967-1970
	Ind. Univ. School of Medicine AOA, MD Degree Indianapolis, Indiana	1970-1974
Internship:	Butterworth Hospital Grand Rapids, Michigan	1974-1975
Jr. Fellowship:	Nephrology St. Mary's Hospital Grand Rapids, Michigan	1975-1976
Residency:	General Surgery Butterworth Hospital Grand Rapids, Michigan	1976-1977
	Urology Butterworth Hospital Grand Rapids, Michigan	1977-1980
Certification:	Flex American Board of Urology	1974 02/01/82
Licensure:	State of Michigan #41889 (inactive) State of Indiana #01029893	3/28/80
Academic Appointments:	Associate Clinical Instructor Michigan State University College of Human Medicine East Lansing, Michigan	1976-1980
	Assistant Professor	1980-1984

Department of Urology
Indiana University School of Medicine
Indianapolis, Indiana

Volunteer Associate Clinical Professor 1984-1999
Department of Urology
Indiana University School of Medicine
Indianapolis, Indiana

Instructor, Mini-Fellowship in ESWL 1985-1987
Methodist Hospital of Indiana
Institute for Kidney Stone Disease
Indianapolis, Indiana

Director of Urology Residents (Methodist) 1988-present
Indiana University School of Medicine
Affiliated Program
Indianapolis, Indiana

Director, Fellowship in Endourology 1990-present
and Laparoscopy
Indianapolis, Indiana

Adjunct Assistant Professor 1999-present
Physician Assistant Program in the
College of Pharmacy and Health Sciences
Butler University
Indianapolis, Indiana

Volunteer Clinical Professor 1999-present
Department of Urology
Indiana University School of Medicine
Indianapolis, Indiana

Hospital Staff Appointments:

Methodist Hospital, Indianapolis IN (active 10/83)
Rehabilitation Hospital (consulting)
St. Vincent Hospital, Indianapolis IN (courtesy 8/83)
VA Medical Center (consultant)
Community Hospitals, Indianapolis, IN (courtesy)
St. Clare Medical Center (formerly Culver Union Hospital),
Crawfordsville, IN (active 12/97)
Select Specialty Hospital, Indianapolis, IN (active 10/00)
Clarian West Medical Center, Avon, IN (active 12/04)
Clarian North Hospital, Carmel, IN (active 12/05)

Professional Organizations:

Alpha Omega Alpha Medical Honorary 1974
American College of Surgeons 1981
Society of University Urologists 1981
American Medical Association 1982
Indiana State Medical Association 1982

Marion County Medical Society	1982
North Central Section of AUA	1983
American Urological Association	1984
International ESWL Society	1984
Endourological Society	1985
Young Surgeons: American College of Surgeons	1985
American Association of Clinical Urologists	1986
ROCK Society	1990
Society of Minimal Invasive Therapy	1991
Singapore Urological Association (honorary)	1996
Society of Laparoendoscopic Surgeons	1999

Professional Service:

Pharmacy Coordinator for Southside Community Health Clinic Indianapolis, Indiana	1972-1974
Faculty Council Indiana University/Purdue University at Indianapolis Indianapolis, Indiana	1982
CME Accreditation Committee of Indiana State Medical Association	1982-1984
Director of Research Methodist Hospital Institute for Kidney Stone Disease	1985-present
Nominating Committee North Central Section of the AUA	1988
Chairman, Surgery QA Committee Methodist Hospital of Indiana	1988-1990
Nephrolithiasis Guidelines Committee American Urological Association	1990-present
Vice Chairman, Institutional Review Board Methodist Hospital of Indiana	1990-1991
Chairman, Institutional Review Board Methodist Hospital of Indiana	1991-present
Member, Executive Committee North Central Section of the AUA	1994-1997
Secretary/Treasurer Indiana State Urologic Society	1995-1996
Chairman, Urology Section Methodist Hospital of Indiana	1995-2000

Medical Director, Beck Laboratories Indianapolis, Indiana	1996-present
Kidney Health Council, advisor AFUD (American Foundation for Urologic Diseases, Inc.)	1996-2005
President, Indiana Urological Society	1997-1998
President North Central Section of the AUA	1998-1999
Member, Board of Directors Methodist Research Institute	1998-2003
Member, Board of Directors American Urological Association	2002-2005
Chairman, Board of Directors Methodist Research Institute	2003-present
Member, Board of Directors Clarian Health Partners, Inc.	2004-present
Co-director International Kidney Stone Institute	2004-present

Journal Review:

The Journal of Urology
The Journal of Endourology
Urology

Editorial Boards:

Assistant Editor, <i>Journal of Endourology</i>	1987-2005
Associate Editor, <i>Journal of Endourology</i>	2005-present
<i>Journal of Lithotripsy and Stone Disease</i>	1988-1992
Guest Editor, <i>Journal of Endourology</i> for annual meeting of World Congress on Endourology and Basic Research Symposium	1990-present

Awards:

Outstanding House Staff Instructor St. Mary's Hospital Grand Rapids, Michigan	1975-1976
Biocompatibility of injected small intestinal submucosa (SIS) in the urinary system. Finalist - Indiana Health Industry Forum, 1996 World of Difference Awards	

Multilayered small intestinal submucosa is inferior to autologous bowel for laparoscopic bladder augmentation. 1st prize for outstanding paper, 19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Threshold for prevention of SWL-induced hemorrhagic renal injury by application of low energy shock wave (12kV) to one renal pole prior to application of high energy shock wave (24kV) to the other pole. Yamanouchi Award for best abstract in the stone disease session AUA Annual Meeting, Orlando, FL, May 2002

Teaching and Mentoring:

Director of Urology Residents at Methodist Hospital 1988-present
Indiana University School of Medicine
Indianapolis, Indiana

Fellows Mentored –

Mitchell Humphreys, M.D.	2006-2007
Nicole L. Miller, M.D.	2005-2007
Brian R. Matlaga, M.D. (A.F.U.D. Scholar)	2004-2006
William W. Tinmouth, M.D.	2003-2004
Samuel C. Kim, M.D. (A.F.U.D. Scholar)	2002-2004
Ramsay L. Kuo, M.D. (A.F.U.D. Scholar)	2001-2003
Tiberio M. de Siqueira, Jr., M.D. (Endourology Society Fellow)	2001-2002
Ryan F. Paterson, M.D. (A.F.U.D. Scholar)	2000-2002
David Lifshitz, M.D. (Microvasive/Boston Scientific Corporation/Cook funded Endourology Society Fellow)	1999-2000 1995-1996
Jeffrey A. Moody, M.D.	1998-1999
Kay Chee Saw, M.D.	1997-1998
John W. Dushinski, M.D.	1996-1997
Michael Wong, M.D.	1994-1995
Fawad Zafar, M.D.	1994-1995
Jay R. Newmark, M.D.	1993-1994
Yoram Siegel, M.D.	1991-1993
Hock Shang Lam, M.D.	1990-1991

Subspecialty Interests:

Renal calculi, endourology, laparoscopy, minimally invasive urology, holmium laser prostatectomy for BPH, metabolic stone disease

Past Funded Research:

Principal Investigator: Lithostat (Acetohydroxamic Acid), multi-institutional clinical trial sponsored by Baylor College of Medicine (Dr. Donald Griffith), 1982

Principal Investigator: Methodist Hospital of Indiana FDA supervised (I.D.E. 82X1356) clinical trial of the Dornier HM3 lithotripter, 1983

Principal Investigator: Methodist Hospital of Indiana FDA
Supervised clinical trial of the Technomed Sonolith 2000
lithotripter, 1987

Co-Investigator: *Bioeffects of Extracorporeal Shock Wave Lithotripsy*,
Methodist Hospital of Indiana, P.I. Andrew P. Evan, February 1, 1988
to October 31, 1988, \$81,000

Principal Investigator: Methodist Hospital of Indiana for FDA
supervised (I.D.E. G880137) clinical trial of the Dornier MFL 5000
shock wave lithotripter, 1989

Co-Principal Investigator: Methodist Hospital of Indiana
for FDA supervised *Laser Fragmentation of Ureteral
Calculi*, clinical trial using Candela laser, 1989

Co-Investigator: *Bioeffects of Extracorporeal Shock Wave Lithotripsy*,
Methodist Hospital, April 1, 1990 to March 30, 1991, \$67,535

Co-Investigator: *A prospective, randomized, multi-center trial of
shock wave lithotripsy and percutaneous nephrostolithotomy for lower
pole nephrolithiasis*. 1994-present

Co-Investigator: NIH, PO1 DK43881-04. *Role of SWL in Renal Injury
and Stone Comminution*, P.I. Andrew P. Evan, March 1, 1994 to
February 28, 1998, \$2,700,00 direct costs

Principal Investigator: Methodist Hospital of Indiana for trial of
Coherent tissue morcellator for Holmium laser prostatectomy, 1998

Co-Investigator: NIH, PO1 DK43881-07. *Role of SWL in Renal Injury
and Stone Comminution*, P.I. Andrew P. Evan, March 1, 1998 to June
30, 2005, \$3,327,114 direct costs

Co-Investigator: NIH, NIDDK, R01 DK55674-02. *Physical
Mechanisms of Tissue Damage in SWL*, P.I. James A. McAteer, May 2,
1998 to April 1, 2005, \$1,303,907 direct costs

Co-Investigator: *Feasibility of a New Temporary Ureteral Drainage
Stent*, a multi-center clinical trial, August, 1998-2002
(funded by Boston Scientific Corporation)

Co-Investigator: *Influence of Age and Technique of Stone Removal on
Renal Hemodynamics and Blood Pressure*, Methodist Research
Institute, P.I. Rajiv Agarwal, January 1, 1999 to December 31, 2001,
\$85,000 direct costs

Co-Investigator: Microvasive/Boston Scientific Corporation and Cook
Urological, Endourology Society Fellowship, P.I. David Lifshitz, July
1, 1999 to June 30, 2000, \$24,000 direct costs. Mentors James E.
Lingeman, James A. McAteer, and Andrew P. Evan

Principal Investigator: *Lower Pole II: A Prospective Randomized Trial of Shock Wave Lithotripsy, Flexible Ureteroscopy, and Percutaneous Nephrostolithotomy for Lower Pole Nephrolithiasis*, a multi-center clinical trial, January 2000-2004 (funded by Boston Scientific Corporation)

American Foundation for Urologic Disease and the American Urological Association Research Scholar Program, P.I Ryan F. Paterson, July 1, 2000 to June 30, 2002, \$23,000 direct costs.
Mentors: James E. Lingeman, James A. McAteer, and Andrew P. Evan

Co-Investigator: NIH, PO1, *Pathogenesis and Treatment of Calcium Nephrolithiasis*, P.I. Fred Coe, August 1, 2000 to June 30, 2005; Core B: Pathology Core, P.I. Andrew Evan, \$750,000 direct costs

American Foundation for Urologic Disease and the American Urological Association Research Scholar Program, P.I Ramsay L. Kuo, July 1, 2001 to June 30, 2003, \$30,000 direct costs.
Mentors: James E. Lingeman and Andrew P. Evan

Co-Investigator: *Comfort Stent Trial*, a multi-center trial, January, 2002-2005 (funded by Boston Scientific Corporation)

American Foundation for Urologic Disease and the American Urological Association Research Scholar Program, P.I Samuel C. Kim, July 1, 2002 to June 30, 2004, \$30,000 direct costs.
Mentors: James E. Lingeman and Andrew P. Evan

Current Funded Research:

Co-Investigator: Renal Functional and Structural Analysis of Method of Tract Dilatation During Perc Access, 2003-present, \$60,000 (funded by Boston Scientific Corporation)

Co-Investigator: NIH, SBIR, *Quantification of Regional Renal Perfusion with Cu-62 PE*, P.I. Lynn R. Willis, June 1, 2003 to May 30, 2006, \$173,800 direct costs

Co-Investigator: NIH, NIDDK, RO1 DK 67133-02. *Risk for Renal Injury Caused by Shock Wave Lithotripsy*, P.I. Andrew P. Evan, April 1, 2004 to March 31, 2009, \$1,250,000 direct costs.

American Foundation for Urologic Disease and the American Urological Association Research Scholar Program, P.I Brian R. Matlaga, July 1, 2004 to June 30, 2006, \$30,000 direct costs.
Mentors: James E. Lingeman, Lynn R. Willis, and A.P. Evan

Consultant: NIH, NIDDK, R01 DK 059933-01. *The Structural Basis for Kidney Stone Fragility*, P.I. James C. Williams, Jr., August 1, 2004 to July 31, 2008, \$1,050,200 direct and indirect costs

Co-Investigator: NIH, NIDDK, P01 DK 43881-10. *Strategies for Improved Shock Wave Lithotripsy*, P.I. Andrew P. Evan, July 1, 2005 to June 30, 2009, \$6,457,751 direct and indirect costs

Principal Investigator: NIH, NIDDK, P01 DK 56788-6 – Project 2. *Randall's Plaque: Pathogenesis and Relationship to Nephrolithiasis*, program project funded by NIH grant. September 30, 2005-August 31, 2010, \$690,189 direct costs

Co-Investigator: *HoLAP vs. KTP*, a multi-center, randomized clinical trial, 2005-present, \$20,000 (funded by Lumenis)

Co-Investigator: *Lexington Stent Trial*, a multi-center clinical trial, May, 2005-present (funded by Boston Scientific Corporation)

Co-Investigator: *Intracorporeal lithotripsy: a randomized, controlled trial comparing the Cyberwand and the Olympus LUS-2*, a multi-center clinical trial, June, 2006-present, (funded by ACMI)

NIH Activity:

NIH Consensus Conference: Prevention and Treatment of Kidney Stones, *Role of Lithotripsy and Its Side Effects*, Bethesda, MD, March 28-30, 1988

Participant at NIH National Kidney and Urological Diseases Advisory Board Workshop on the Long-term Consequences of Extracorporeal Shock Wave Lithotripsy, *Blood Pressure Change Following ESWL and Other Forms of Treatment for Nephrolithiasis*, Phoenix, AZ, February 3-4, 1992

Program Project: Charles Y.C. Pak, Appl. 2P01 DK20543-17, Primary Reviewer: *Basic Aspects of Extracorporeal Shock Wave Lithotripsy* (Component III-1), Principal Inv: Pei Zhong Ph.D., site visit: Dallas, Texas, February 24-26, 1993

Program Project: Charles Y.C. Pak, Appl. 2P01 DK20543-17 Primary Reviewer: *Clinical Aspects of Extracorporeal Shock Wave Lithotripsy* (Component III-2), Principal Investigator: Glenn M. Preminger, M.D., site visit: Dallas, Texas 1994

Member of NIH Special Study Section (Multidisciplinary Special Emphasis Panel), Reviewer: March 10-11, 1994, McLean, VA.

Participant at NIH NIDDK Urolithiasis Symposium, *Surgical Management of Stone Disease: Shock Wave Lithotripsy*,

Baltimore, MD, March 9-10, 2006

Publications:

1. Swift DL, Lingeman JE, and Baum WC. Retroperitoneal hemorrhage: a diagnostic challenge. *J Urol* 123:577-582, April 1980
2. Lingeman JE, Donohue JP, Madura JA, and Selde F. Angiomyolipoma: emerging concepts in management. *Urology* 20(6):566-570, December 1982
3. Bans LL, Eble JN, Lingeman JE, and Maynard BR. Transitional cell carcinoma of fossa navicularis of male urethra. *J Urol* 129(5):1055-1056, May 1983
4. Lingeman JE. Nephrolithiasis: a controllable disease. *J Indiana State Med Assoc* 76(5):313-318, May 1983
5. Roesch R, Stoelting R, Lingeman JE, Kahnoski RJ, Backes D, and Gephardt S. Ammonia toxicity resolution from glycine absorption during transurethral resection of prostate. *Anesthesiology* 58(6):577-579, June 1983
6. Mosbaugh PG, Newman DM, Lingeman JE, Mertz JHO, and Steele RE. Cost comparisons of the options currently available in the treatment of upper tract stone disease. *Report of American Urologic Association Ad Hoc Committee to study the safety and efficacy of current technology of percutaneous and non-invasive lithotripsy.* May 16, 1985
7. Olson EW, Ellis JH, Bies JR, and Lingeman JE. Percutaneous renal stone extraction: experience with one-stage procedures. *Indiana Medicine* 78(5):393-398, May 1985
8. Thomalla V, Filo R, Leapman S, and Lingeman JE. The manifestations and management of late urologic complications in renal transplant recipients: use of urologic armamentarium. *J Urol* 134(5):944-948, November 1985
9. Kahnoski RJ, Lingeman JE, Coury TA, Steele RE, and Mosbaugh PG. Combined percutaneous and extracorporeal shock wave lithotripsy for staghorn calculi: an alternative to anatomic nephrolithotomy. *J Urol* 135(4):679-681, April 1986
10. Lingeman JE: Management of larger stones, multiple stones. *Report of AUA Ad Hoc Committee to study the safety and clinical efficacy of current technology of percutaneous lithotripsy and non-invasive lithotripsy.* May 22, 1986
11. Drach GW, Dretler SP, Fair WR, Finlayson B, Gillenwater JY, Griffith DP, Lingeman JE, and Newman DM. Report of the United States cooperative study of extracorporeal shock wave lithotripsy. *J Urol* 135(6):1127-1133, June 1986
12. Lingeman JE, Newman DM, Mertz JHO, Mosbaugh PG, Steele RE, Kahnoski RJ, Coury TA, and Woods JR. Extracorporeal shock wave lithotripsy: the Methodist Hospital of Indiana experience. *J Urol* 135(6):1134-1137, June 1986
13. Lingeman JE, Sonda LP, Kahnoski RJ, Coury TA, Newman DM, Mosbaugh PG, Mertz JHO, Steele RE, and Frank B. Ureteral stone management: emerging concepts. *J Urol* 135(6):1172-1174, June 1986

14. Newman DM, Coury TA, Lingeman JE, Mertz JHO, Mosbaugh PG, Steele RE, and Knapp PM. Extracorporeal shock wave lithotripsy in children. *J Urol* 136(1 Pt 2):238-240, July 1986
15. Lingeman JE. Use of extracorporeal shock wave lithotripsy in staghorn calculi and other complex stones. *Semin Urol* 4(3):148-152, August 1986
16. Kulb TB, Lingeman JE, Coury TA, Steele RE, Newman DM, Mertz JHO, Mosbaugh PG, and Knapp PM. Extracorporeal shock wave lithotripsy in patients with a solitary kidney. *J Urol* 136(4):786-788, October 1986
17. Lingeman JE, Saywell R, Woods JR, and Newman DM. Cost analysis of ESWL relative to other surgical and non-surgical treatment alternatives for urolithiasis. *Medical Care* 24(12):1151-1160, December 1986
18. Newman DM, Lingeman JE, Mertz JH, Mosbaugh PG, Steele RE, and Knapp PM Jr. Extracorporeal shock wave lithotripsy. *Urol Clin North Am* 14(1):63-71, February 1987
19. Kulb TB, Kamer M, Lingeman JE, and Foster RS. Prevention of post-prostatectomy vesical neck contracture by prophylactic vesical neck incision. *J Urol* 137(2):230-231, February 1987
20. Scott JW and Lingeman JE. Renal and ureteral calculi: current management. *Indiana Medicine* 80(5):450-455, May 1987
21. Kahnoski RJ, Lingeman JE, Woods JR, Eckley R, Brooks-Brunn J, and Coury TA. Efficacy of glucagon in the relief of ureteral colic following treatment by extracorporeal shock wave lithotripsy: a randomized double-blind trial. *J Urol* 137(6):1124-1125, June 1987
22. Lingeman JE, Coury TA, Newman DM, Kahnoski RJ, Mertz JHO, Mosbaugh PG, Steele RE, and Woods JR. Comparison of results and morbidity of percutaneous nephrostolithotomy and extracorporeal shock wave lithotripsy. *J Urol* 138(3):485-490, September 1987
23. Lingeman JE, Shirrell WL, Newman DM, Mosbaugh PG, Steele RE, and Woods JR. Management of upper ureteral calculi with ESWL. *J Urol* 138(4):720-723, October 1987
24. Lingeman JE: Current concepts in relative efficacy of percutaneous nephrostolithotomy and extracorporeal shock wave lithotripsy. *World J Urol* 5:229, 1987
25. Lingeman JE, McAteer JA, Kempson SA, and Evan AP. Bioeffects of extracorporeal shock wave lithotripsy. *J Endourol* 1(2):89-98, 1987
26. Scott JW, Lingeman JE, and Newman DM. Successful extracorporeal shock wave lithotripsy of stones in ectopic pelvic kidneys. *J Endourol* 1(3):201-204, 1987
27. Newman DM, Scott JW, and Lingeman JE. Two-year follow-up of patients treated with extracorporeal shock wave lithotripsy. *J Endourol* 2(2):163-171, 1988
28. Benson RC, Bagley DH, Kandel LB, Lingeman JE, Newman DM, and Tomera KM. Results of the United States trial of the Technomed Sonolith 2000 lithotripter: preliminary report. *J Endourol* 2(2):189-192, 1988
29. Knapp PM, Kulb TB, Lingeman JE, Newman DM, Mertz JHO, Mosbaugh PG, and Steele RE. Extracorporeal shock wave lithotripsy induced perirenal hematomas. *J Urol* 139(4):700-703, April 1988

30. Parr KL, Lingeman JE, Jordan M, and Coury TA. Creatinine kinase concentrations and electrocardiographic changes in extracorporeal shock wave lithotripsy. *Urology* 32(1):21-23, July 1988
31. Lingeman JE, McAteer JA, Kempson SA, and Evan AP. Bioeffects of extracorporeal shock wave lithotripsy: strategy for research and treatment. *Urol Clin North Am* 15(3):507-514, August 1988
32. Coury TA, Sonda LP, Lingeman JE, and Kahnoski RJ. Treatment of painful calyceal stones. *Urology* 32(2):119-123, August 1988
33. Lingeman JE, Woods JR, Toth PD, Evan AP, and McAteer JA. The role of lithotripsy and its side effects. *J Urol* 141(3 Pt 2):793-797, March 1989
34. Liong ML, Clayman RV, Gittes RF, Lingeman JE, Huffman JL, and Lyon ES. Treatment options for proximal ureteral urolithiasis: review and recommendations. *J Urol* 141(3):504-509, March 1989
35. Newman DM and Lingeman JE. Management of upper urinary tract calculi with extracorporeal shock wave lithotripsy. *Comprehensive Therapy* 15(8):35-40, August 1989
36. Adams MC, Newman DM, and Lingeman JE. Pediatric ESWL: Long-Term Results and Effects on Renal Growth. *J Endourol* 3(3):245-254, Fall 1989
37. Hockley NM, Lingeman JE, and Hutchinson CL. Relative efficacy of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy in the management of cystine calculi. *J Endourol* 3(3):273-285, Fall 1989
38. Clayman RV, Bagley DH, Huffman JL, Lingeman JE, Preminger GM, Segura JW, and Smith AD. Ureteroscopy: new maneuvers for an old disease. *Contemp Urol*, page 40, January/February 1990
39. Dick WH, Lingeman JE, Preminger GM, Smith LH, Wilson DM, and Shirrell WL. Laxative abuse as cause for ammonium urate renal calculi. *J Urol* 143(2):244-247, February 1990
40. Lingeman JE, Woods JR, and Toth PD. Blood pressure changes following extracorporeal shock wave lithotripsy and other forms of treatment for nephrolithiasis. *JAMA* 263(13):1789-1794, April 1990
41. Lingeman JE, Preminger GM, and Wilson DM. Kidney stones: acute management. *Patient Care* 24:20, August 1990
42. Lingeman JE. ESWL and endourology on the same table a feasible concept. (Editorial Comment) *J Litho Stone Dis*, Vol 2, No 4, October 1990
43. Lingeman JE. Complex infectious stones. (Editorial Comment) *J Litho Stone Dis* Vol 3, No 1, January 1991
44. Evan AP, Willis LR, Connors B, Reed G, McAteer JA, and Lingeman JE. Shock wave lithotripsy-induced renal injury. *Am J Kid Dis* 17:445-450, April 1991
45. Klee LW, Brito CG, and Lingeman JE. The clinical implications of brushite calculi. *J Urol* 145(4):715-718, April 1991
46. Evan AP, Willis LR, Connors B, McAteer JA, and Lingeman JE. Renal injury by shock wave lithotripsy. *J Endourol* 5(1):25-35, Spring 1991

47. Lingeman JE and Jones JA. Treating pyelocalyceal diverticula. *Contemp Urol* Vol 3, No. 5, pg 35, May 1991
48. Jones JA, Lingeman JE, and Steidle CP. The roles of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy in the management of pyelocalyceal diverticula. *J Urol* 146(3):724-727, September 1991
49. Lingeman JE and Newman DM. Dornier MFL5000 and compact lithotriptors. *Semin Urol* 9(4):225-229, November 1991
50. Smith LH, Drach G, Hall P, Lingeman JE, Preminger GM, Resnick MI, and Segura JW. National high blood pressure education program (NHBPEP) review paper on complications of shock wave lithotripsy for urinary calculi. *Am J Medicine* 91:635-641, December 1991
51. Graffis RF, Jordan LG, Lingeman JE, and Moster MB. New alternatives in gallstone treatment. *Ind Med* 85(1):34-40, January/February 1992
52. Lam HS, Lingeman JE, Barron M, Newman DM, Mosbaugh PG, Steele RE, Knapp PM, Scott JW, Nyhuis A, and Woods JR. Staghorn calculi: analysis of treatment results between initial percutaneous nephrostolithotomy and extracorporeal shock wave lithotripsy monotherapy with reference to surface area. *J Urol* 147(5):1219-1225, May 1992
53. Lam HS, Lingeman JE, Russo R, and Chua GT. Stone surface area determination techniques: a unifying concept of staghorn stone burden assessment. *J Urol* 148(3 Pt 2):1026-1029, September 1992
54. Lam HS, Lingeman JE, Newman DM, Mosbaugh PG, Steele RE, Knapp PM, and Scott JW. Evolution of the technique of combination therapy for staghorn calculi: a decreasing role for ESWL. *J Urol* 148(3 Pt 2):1058-1062, September 1992
55. Lingeman JE. Bioeffects of extracorporeal shock wave lithotripsy: a worry or not? (editorial comment). *J Urol* 148(3 Pt 2):1025, September 1992
56. Regan JS, Lam HS, and Lingeman JE. Simultaneous bilateral percutaneous nephrostolithotomy. *J Endourol* 6(5):245-247, October 1992
57. Lingeman JE. Staghorn stones: the continued challenge. AUA Update Series, Volume XII, Lesson 19, 1993
58. Lingeman JE. Technique and extended follow up of percutaneous management of calyceal diverticula (editorial comment). *Urology* 42:25, July 1993
59. Siegel YI and Lingeman JE. Percutaneous transilial access for stone removal in crossed fused renal ectopia. *Urology* 42(1):82-85, July 1993
60. Cordell WH, Larson TA, Lingeman JE, Nelson DR, Woods JR, Burns LB, and Klee LW. Indomethacin suppositories v intravenously titrated morphine for the treatment of ureteral colic. *Annals of Emergency Medicine*, 23(2):262-269, February 1994
61. Lingeman JE, Siegel YI, Steele B, Nyhuis AW, and Woods JR. The management of lower pole nephrolithiasis: a critical analysis. *J Urol* 151(3):663-667, March 1994

62. Knapp PM, Lingeman JE, Siegel YI, Badylak SF, and Demeter RJ. Biocompatibility of small intestinal submucosa in urinary tract as augmentation cystoplasty graft and injectable suspension. *J Endourol* 8(2):125-130, April 1994
63. Segura JW, Preminger GM, Assimos DG, Dretler SP, Kahn RI, Lingeman JE, Macaluso JN, and McCullough DL. Nephrolithiasis clinical guidelines panel summary report on the management of staghorn calculi. *J Urol* 151:1648-1651, June 1994
64. Knapp PM, Siegel YI, and Lingeman JE. Laparoscopic retroperitoneal needle suspension urethropexy. *J Endourol* 8(4):279-284, August 1994
65. Ehreth JT, Drach GW, Arnett ML, Barnett R, Govan D, Lingeman JE, Loening SA, Newman DM, Tudor JM, and Saada S. Extracorporeal shock wave lithotripsy: multicenter study of kidney and upper ureter versus middle and lower ureter treatments. *J Urol* 152(5 Pt 1):1379-1385, November 1994
66. Kropp BP, Dabagia MD, Scott JW, and Lingeman JE. Percutaneous nephrolithotomy directly through an angiomyolipoma. *Urology* 44(6):915-917, December 1994
67. Lingeman JE, Siegel YI, and Steele B. Metabolic evaluation of infected renal lithiasis: clinical relevance. *J Endourol* 9(1):51-54, February 1995
68. Lingeman JE. Stones (editorial comment). *J Urol* 153(5):1408, May 1995
69. Lingeman JE. Update on ESWL. AUA Update Series, Lesson 28, 1995
70. Lingeman JE, Woods JR, and Nelson DR. Commentary on ESWL and blood pressure. *J Urol* 154(1):2-4, July 1995
71. Preminger GM, Anderson KR, Chaussy CG, Lingeman JE, and Segura JW. Optimizing treatment for middle and distal ureteral calculi. *Contemporary Urology* 7(8):60-70, August 1995
72. Lingeman JE, Newman DM, Siegel YI, Eichhorn T, and Parr K. Shock wave lithotripsy with the Dornier MFL 5000 lithotripter using an external fixed rate signal. *J Urol* 154(3):951-954, September 1995
73. Lingeman JE, Wong MYC, and Newmark JR. Endoscopic management of total ureteral occlusion and ureterovaginal fistula. *J Endourol* 9(5):391-396, October 1995
74. Block G, Adams LG, Widmer WR, and Lingeman JE. The use of extracorporeal shock wave lithotripsy for the treatment of spontaneous nephrolithiasis and ureterolithiasis in dogs. *J Am Vet Med Assoc* 208(4):531-536, February 1996
75. Lingeman JE. The pendulum swings: to perc or not to perc. *Urotrends, A Newsletter on Emerging Issues in Urology* Vol 1, No. 2, Summer 1996
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202. Miller NL, Matlaga BR, Lingeman JE. Techniques for fluoroscopic percutaneous renal access. *J Urol*, 178:15-23, July 2007
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206. Evan AP, McAteer JA, Connors BA, Lingeman JE. Renal injury in SWL is significantly reduced by slowing the rate of shock wave lithotripsy. *BJU Intl*, in press

207. Matlaga BR, McAteer JA, Connors BA, Handa RK, Evan AP, Williams JC Jr, Lingeman JE, Willis LR. The potential for cavitation-mediated tissue damage in shock wave lithotripsy. 2006 (submitted to *J Endourol*)
208. Pishchalnikov YA, McAteer JA, Williams JC Jr, Lingeman JE, Pishchalnikova IV, Evan AP. Reduced stone breakage in lithotripsy at fast pulse repetition frequency: acoustic mechanism and demonstration of potential artifact. 2006 (submitted to the JASA Express Letters)

Books & Book Chapters:

1. Lingeman JE: Use of Extracorporeal shock wave lithotripsy in staghorn calculi and other complex stones. *Seminars in Urology* 4:148, 1986
2. Lingeman JE and Kulb TB: Urolithiasis. In Wolfson AB and Harwood-Nuss A (eds): *Renal and Urologic Emergencies*. New York: Churchill Livingstone, 1986
3. Lingeman JE: ESWL for ureteral stones above the pelvic brim. In McCullough D (ed): *Problems in Urology* Philadelphia: J.B. Lippincott, 1987
4. Lingeman JE: Staghorn calculi. In Kandel LB, Harrison LH, McCullough DL (eds): *Extracorporeal Shock Wave Lithotripsy: State of the Art*. Mount Kisco, NY: Futura Publishing, 1987
5. Lingeman JE: Staghorn calculi. In Riehle RA and Newman RC (eds): *Principles of ESWL*. New York: Churchill Livingstone, 1987
6. Newman DM, Lingeman JE, Mertz JHO, Mosbaugh PG, Steele RE, Knapp PM: Extracorporeal shock wave lithotripsy. *Urol Clin N Am* 14:63, 1987
7. Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy: State of the Art*. New York: Plenum Press, 1988
8. Lingeman JE, McAteer JA, Kempson SA, Evan AP: Bioeffects of extracorporeal shock wave lithotripsy: strategy for research and treatment. *Urol Clin N Am* 15:507, 1988
9. Newman DM, Scott JW, Lingeman JE: Two-year follow-up of patients treated with extracorporeal shock wave lithotripsy. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy: State of the Art*. New York: Plenum Press, 1988
10. Adams MC, Newman DM, Lingeman JE: Pediatric extracorporeal shock wave lithotripsy: long-term results and effects on renal growth. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
11. Evan AP, McAteer JA, Steidle CP, Willis LR, Hockley NM, Saint R, Hawk A, Connors BA, Kempson SA, Lingeman JE: The mini-pig: an ideal animal model for studies of renal injury in extracorporeal shock wave lithotripsy research. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
12. Hockley NM, Lingeman JE, Hutchinson CL: The relative efficacy of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy in the management of cystine calculi. In Lingeman JE

- and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
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 14. Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
 15. Lingeman JE, Smith LH, Woods JR, Newman DM: *Urinary Calculi: ESWL, Endourology, and Medical Therapy*. Philadelphia: Lea & Febiger, 1989
 16. Lingeman JE, Woods JR, Toth PD: Blood pressure changes following extracorporeal shock wave lithotripsy and other forms of treatment for urolithiasis. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
 17. Evan AP, McAteer JA, Steidle CP, Willis LR, Hockley N, Saint R, Hawk A, Connors BA, Kempson SA, Lingeman JE: The mini-pig: an ideal large animal model for studies of renal injury in ESWL research. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
 18. McAteer JA, Kempson SA, Andreoli SP, Haak R, Harris RA, Lingeman JE, Evan AP: Cultured cells as model systems in shock wave lithotripsy research: advantages, methodological concerns and potential applications. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
 19. McAteer JA, Harris RA, Andreoli SP, Kempson SA, Haak R, Lingeman JE, Evan AP: ESWL-induced injury to cultured renal tubular epithelial cells. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
 20. Newman DM, Lingeman JE, Mosbaugh PG, Steele RE, Knapp PM, Hutchinson CL: Extracorporeal shock wave lithotripsy using only intravenous analgesia with an unmodified Dornier HM3 lithotripter. In Lingeman JE and Newman DM (eds): *Shock Wave Lithotripsy 2: Urinary and Biliary Lithotripsy*. New York: Plenum Press, 1989
 21. Lingeman JE, Steidle CP, Adams MC: Calculus disease of kidney and bladder. In Harwood-Nuss (eds): *Clinical Practice of Emergency Medicine*. J. B. Lippincott, 1991
 22. Lingeman JE: Complications of extracorporeal shock wave lithotripsy. In Drach GW (ed): *Common Problems in Urinary Infections and Stones*. Chicago: Mosby-Year Book, Inc., 1991
 23. Lingeman JE and Newman DM: Dornier MFL 5000 and compact lithotriptors. *Seminars in Urol* 9:225-229, 1991
 24. Lingeman JE: Mechanisms of stone disruption and dissolution. In Coe FL and Favus MJ (eds): *Disorders of Bone and Mineral Metabolism* Chicago: Raven Press, March 1992
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28. Newmark JR, Lingeman JE, Woods JR: Complications of extracorporeal shock wave lithotripsy. In Smith AD: *Controversies in Endourology*. W.B. Saunders Company: Philadelphia, Chapter 11, pg 185-192, July 1995
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30. Lingeman JE: Extracorporeal shock wave lithotripsy devices: are we making progress? In Lingeman JE and Preminger GM (eds): *Topics in Clinical Urology: New Developments in the Management of Urolithiasis*. New York: Igaku-Shoin Medical Publishers, Inc., Section II, Chapter 4, pgs 79-96, 1995
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36. Newmark JR, Wong MYC, Lingeman JE: Complications. In Smith AD, Badlani GH, Bagley DH, Clayman RV, Jordan GH, Kavoussi LR, Lingeman JE, Preminger GM, Segura JW (eds): *Smith's Textbook of Endourology*. St. Louis: Quality Medical Publishers Inc., Part IV, Chapter 45, pgs 680-693, 1996
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39. Lingeman JE, Dushinski JW, and Newmark JR. Simultaneous bilateral percutaneous nephrolithotomy. In Pak CYC, Resnick MI, Preminger GM (eds): *Urolithiasis 1996*. Millet the Printer, Dallas, TX, 1996
40. Lingeman JE: Extracorporeal shock wave lithotripsy. *Urologic Clinics of North America*. Philadelphia: W.B. Saunders Company, pp. 185-211, 1997
41. Lingeman JE and Dushinski JW: Extracorporeal shock wave lithotripsy. In Graham, SD (ed): *Glenn's Urologic Surgery*. 5th ed. Philadelphia: Lippincott-Raven, Chapter 120, pgs. 985-992, 1998
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51. Lingeman JE, Delius M, Evan AP, Gupta M, Sarica K, Strohmaier W, McAteer JA, Williams JC. Bioeffects and physical mechanisms of SW effects in SWL. Segura J, Conort P, Khoury S, Pak C, Preminger GM, Tolley D (eds): *Stone Disease*. France: Health Publications. Committee 8, Pages 249-286, 2003
52. Evan AP, McAteer JA, Williams, Jr. JC, Willis LR, Bailey MR, Crum LA, Lingeman JE, Cleveland RO. Shock wave physics of lithotripsy: mechanisms of shock wave action and progress toward improved

- SWL. In Moore R, Bishoff JT, Loening S, Docimo SG (eds): *Textbook of Minimally Invasive Urology*. London: Martin Dunitz Limited. Chapter 28, pgs. 425-438, December, 2004
53. Miller NL, Matlaga BR, Kuo RL, Kim SC, and Lingeman JE: Urologic aspects of nephrolithiasis management. IN Favus MJ, et al. (eds): *Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism*. Washington, DC: American Society for Bone and Mineral Research, Chapter 82, pgs 460-464, 2006
54. Lingeman JE, Matlaga BR, Evan AP: Surgical management of upper urinary tract calculi. Wein AJ, Kavoussi L, Novick AC, Partin AW, Peters CA (eds): *Campbell-Walsh Urology*. 9th ed. Philadelphia, Saunders (an imprint of Elsevier Science), Chapter 9, Chapter 44, pgs. 1431-1507, 2006
55. Kim SC and Lingeman JE. Percutaneous access to the urinary tract. In Pearle MS and Nakada SY (eds). *Advanced Endourology*, Humana Press, Chapter 3, pgs. 43-60, 2006
56. Lingeman JE. Lithotripsy systems. In Smith AD, Badlani GH, Bagley DH, Clayman RV, Docimo SG, Jordan GH, Kavoussi LR, Lee BR, Lingeman JE, Preminger GM, Segura JW (eds): *Smith's Textbook of Endourology 2nd edition*. Hamilton, Ontario, Canada: BC Decker, Inc., Chapter 39, pgs. 333-342, 2007
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Invited Presentations/Lectures:

Hypertension in the dialysis patient

Dialysis Unit Staff at St. Mary's Hospital, April 1976

Renovascular hypertension: pathophysiology and diagnostic evaluation

Thoracic and Cardiovascular Surgery Section of Butterworth Hospital, June 1977

Renal physiology, assessment of renal function, and dysfunction for ICN nurses

Continuing Education Course for ICU LPNs and RNs, March 1978

Renal function and acute renal failure for anesthesiologists (series of lectures)

Anesthesia Section of St. Mary's Hospital, July 1979

Urologic trauma: evaluation and treatment

General Surgery Section and House Staff, September 1979

Retroperitoneal hemorrhage: a diagnostic challenge

Annual Western Michigan Research Day, October 1979

Renal physiology, assessment of renal function, and dysfunction for ICU nurses

Continuing Education Course for ICU LPNs and RNs, January 1980

Uroradiology for the radiology technologist

Michigan Society of Radiologic Technologists, January 1980

Bladder carcinoma

Radiation/Oncology Department at Indiana University, August 1980

Urinary tract infections

Freshmen Medical Students Microbiology Course at Indiana University, September 1980

The prostate

Medical Staff at Fort Benjamin Harrison, November 1980

Calcium stone disease, CME update: what's new in urology?

Indiana University Alumni CME Update, January 1981

Urinary tract calculi

Demonstration and Film for Sophomore Introduction to Medicine
Indiana University, February 1981

Calcium homeostasis and PTH

Urology residents at Indiana University, April 1981

Urinary tract infections

Freshman curriculum; Clinical Correlation Session, October 1981

Struvite stone disease at the Indiana University Medical Center

Indiana State Medical Association meeting at Indiana University, October 1981

Carcinoma of the prostate

Demonstration and Film for Sophomore Introduction to Medicine
Indiana University, February 1982

Urinary lithiasis

Demonstration and Film for Sophomore Introduction to Medicine
Indiana University, February 1982

Physical diagnosis of the urinary tract

Demonstration and Film for Sophomore Introduction to Medicine
Indiana University, February 1982

Struvite stone disease at the Indiana University Medical Center

Indianapolis Urologic Society, March 1982

Infection stone disease

Society of Texas GU Surgeons, April 1982

Techniques of crystallography

Society of Texas GU Surgeons, April 1982

The extracorporeal lithotripter

Society of Texas GU Surgeons, April 1982

Calcium stone disease: the light at the end of the tunnel

Rockford Medical Staff, Rockford, IL, May 1982

The extracorporeal lithotripter

General Practice, CME review, June 1982

Neurogenic bladder

General Surgery Weekly Conference, July 1982

Urinary tract infections

Clinical Correlation Lecture to Freshman Medical School Class, October 1982

Urolithiasis

Sophomore Introduction to Medicine at Indiana University, February 1983

New stone technology

Family Practice Noon Conference, June 1983

Hematuria

OB/GYN residents, June 1983

Diagnostic approaches to hematuria

CME Conference, Indiana University School of Medicine, June 1983

Calcium stone disease & ESWL

CME Conference, Indiana University School of Medicine, June 1983

New stone removal technology

Association for Operating Room Nurses, November 1983

Nephrostolithotomy

International Urologic Nursing Services Workshop, December 1983

Percutaneous and extracorporeal shock wave lithotripsy

OR Nurses Staff Series at Indiana University, December 1983

Extracorporeal shock wave lithotripsy

Riverside Hospital, Columbus, OH, March 1984

Extracorporeal shock wave lithotripsy and percutaneous lithotripsy

Marshall County Medical Society, April 1984

Treatment of urinary stone disease including extracorporeal shock wave lithotripsy

Indiana Chapter of American College of Surgeons, May 1984

New stone technology

Medical Staff of Reid Memorial Hospital, June 1984

Extracorporeal shock wave lithotripsy

Conference on Diagnosis and Management of Neurogenic Bladder and Urolithiasis
Hines VA Hospital, Chicago, IL, July 1984

New stone technology and the operating room nurse

Association for OR Nurses, September 1984

The new surgical management of kidney stones with ESWL and percutaneous techniques

Medical Grand Rounds at Methodist Hospital of Indiana, October 1984

Extracorporeal shock wave lithotripsy

Cabell County Medical Society, Huntington, WV, November 1984

Clinical uses of the stone crusher: the Indiana experience

Symposium on Modern Medical and Surgical Approaches to Kidney Stones
Medical College of Ohio, Toledo, OH, December 1984

Lithotripter update

Clinical Society of Genitourinary Surgeons, Indiana University School of Medicine, February 1985

New stone technology including ESWL and percutaneous lithotripsy

Pennsylvania State Urologic Society, Pittsburgh, PA, June 1985

Endourologic treatment of renal calculi

Wayne State University Urology Outing, Traverse City, MI, June 1985

Kidney stone disease: light at the end of the tunnel

Indiana University Medical Fall Weekend, October 1985

Extracorporeal shock wave lithotripsy

Mercy Medical Center, CME Series, Springfield, OH, October 1985

New stone technology

Grand Rounds, Michigan State College of Human Medicine, March 1986

Relative costs and results of ESWL for treatment of kidney stones

Association for the Advancement of Medical Instrumentation Annual Meeting, Chicago, IL, April 1986
(Dr. John Woods)

ESWL and percutaneous nephrostolithotomy

Indiana University School of Medicine, CME update for radiology, May 1986

Management of upper ureteral calculi with ESWL

13th Annual James H. McDonald Seminar, Scottsdale, AZ, March 1987

Endourology in the era of ESWL

13th Annual James H. McDonald Seminar, Scottsdale, AZ, March 1987

Prophylactic incision of bladder neck in prevention of bladder neck contracture

13th Annual James H. McDonald Seminar, Scottsdale, AZ, March 1987

Endourology in the era of ESWL

ESWL Symposium *New Advances in Kidney Stone Management*
Bangkok, Thailand, April 1987

Endourology in the era of ESWL

ESWL Symposium *New Advances in Kidney Stone Management*
Kuala Lumpur, Malaysia, April 1987

ESWL of urinary stones

Texas Medical Association, Houston, TX, May 1987

Percutaneous nephrostolithotomy (VIDEO)

Fourth Symposium on Shock Wave Lithotripsy: State of the Art, Indianapolis, IN, March 1988
(nurses' meeting)

Blood pressure changes following ESWL

Basic and Technical Aspects of Lithotripsy, Gainesville, FL, March 1988

ESWL: the Methodist Hospital of Indiana experience

Symposium on ESWL and Current Management of Urinary Calculi, Kuala Lumpur, Malaysia, May 1988

Combined PCNL and ESWL for staghorn calculi: an alternative to anatomic nephrolithotomy

Symposium on ESWL and Current Management of Urinary Calculi, Kuala Lumpur, Malaysia, May 1988

Management of upper ureteral calculi with ESWL

Symposium on ESWL and Current Management of Urinary Calculi, Kuala Lumpur, Malaysia, May 1988

Ureteral stone management: emerging concepts

Symposium on ESWL and Current Management of Urinary Calculi, Kuala Lumpur, Malaysia, May 1988

Bioeffects of ESWL

Symposium on ESWL and Current Management of Urinary Calculi, Kuala Lumpur, Malaysia, May 1988

Combined percutaneous nephrostolithotomy and extracorporeal shock wave lithotripsy for staghorn calculi

Grand Rounds, Wishard Hospital, February 1989

ESWL under IV sedation only, utilizing an unmodified Dornier HM3

Nephrolithiasis: An Update on Diagnosis and Management, St. Luke's Medical Center, Milwaukee, WI,
April 1989

Blood pressure changes following various forms of treatment for nephrolithiasis

Nephrolithiasis: An Update on Diagnosis and Management, St. Luke's Medical Center, Milwaukee, WI,
April 1989

Current perspectives in the management of staghorn calculi

Nephrolithiasis: An Update on Diagnosis and Management, St. Luke's Medical Center, Milwaukee, WI,
April 1989

Cost effectiveness in nephrolithiasis therapy: the cost per stone-free patient

Nephrolithiasis: An Update on Diagnosis and Management, St. Luke's Medical Center, Milwaukee, WI,
April 1989

New lithotriptors: current trends in ESWL:

Nephrolithiasis: An Update on Diagnosis and Management, St. Luke's
Medical Center, Milwaukee, WI, April 1989

The relative roles of ESWL and percutaneous nephrostolithotomy

Update: Prostate Disease and Lithotripsy, West Virginia Urological Society Spring Seminar, Huntington,
WV, April 1989

Complications and potential problems associated with ESWL

Update: Prostate Disease and Lithotripsy, West Virginia Urological Society Spring Seminar, Huntington, WV, April 1989

Management of branched calculi: alternatives

Update: Prostate Disease and Lithotripsy, West Virginia Urological Society Spring Seminar, Huntington, WV, April 1989

Experience with newer lithotriptors

Update: Prostate Disease and Lithotripsy, West Virginia Urological Society Spring Seminar, Huntington, WV, April 1989

ESWL of lower ureteral stones

Ureteroscopy/Endourology: Update 1989, Boston, Massachusetts, April 1989

Complications of ESWL

Ureteroscopy/Endourology: Update 1989, Boston, Massachusetts, April 1989

ESWL for renal and upper ureteral stones: techniques and case selection

Ureteroscopy/Endourology: Update 1989, Boston, Massachusetts, April 1989

The bioeffects of ESWL and the risk of hypertension following various forms of treatment for nephrolithiasis
Hepburn-Spillane Lecture, University of CT, Farmington, CT, May 1989

Current perspectives and future horizons in the management of renal and biliary calculi

Hepburn-Spillane Lecture, University of CT, Farmington, CT, May 1989

Hypertension post lithotripsy and the management of staghorn calculi

American College of Surgeons, Atlanta, GA, October 1989

Current concepts and future horizons in the non-operative management of urinary and biliary calculi

International College of Surgeons, Bangkok, Thailand, November 1989

Pediatric ESWL

International College of Surgeons, Bangkok, Thailand, November 1989

The dawning of the age of non-invasive surgery

Rotary Club of Indianapolis, IN, January 1990

Safety of urinary SWL

Advances in Biliary and Urinary Shock Wave Lithotripsy, New Orleans, LA, March 1990

In situ ESWL for ureteral calculi: Dornier MFL 5000

Ureteroscopy/Endourology, Houston, TX, March 1990

Bioeffects of ESWL

Ureteroscopy/Endourology, Houston, TX, March 1990

ESWL for renal and upper ureteral stones: techniques and case selection

Ureteroscopy/Endourology, Houston, TX, March 1990

ESWL v percutaneous management of calyceal diverticuli

Advances in Biliary and Urinary Shock Wave Lithotripsy, New Orleans, LA, March 1990

ESWL v PCNL approach in managing staghorn calculi

Advances in Biliary and Urinary Shock Wave Lithotripsy, New Orleans, LA, March 1990

Blood pressure changes following ESWL and other treatment approaches for urolithiasis

Urolithiasis International, Sao Paulo, Brazil, March 1990

The role of ESWL and PCNL in the management of pyelocalyceal diverticula

Urolithiasis International, Sao Paulo, Brazil, March 1990

The management of ureteral calculi: ESWL v endourologic approaches

Urolithiasis International, Sao Paulo, Brazil, March 1990

Ureteroscopic/electrohydraulic lithotripsy

Urolithiasis International, Sao Paulo, Brazil, March 1990

Current concepts in the management of staghorn calculi

Urolithiasis International, Sao Paulo, Brazil, March 1990

Pediatric ESWL

Urolithiasis International, Sao Paulo, Brazil, March 1990

Resolved: ESWL is indicated for all renal and ureteral calculi

Urolithiasis International, Sao Paulo, Brazil, March 1990

The use of stone surface area in the evaluation of various treatment approaches for staghorn calculi

ROCK Society Meeting, Minocqua, WI, October 1990

ESWL v percutaneous management of calyceal diverticula

North Central Section of the AUA Annual Meeting, Colorado Springs, CO, October 1990

ESWL under IV sedation only, using an unmodified Dornier HM3 lithotripter

Oregon Urological Society Meeting, Timberline, OR, January 1991

The role of percutaneous nephrostolithotomy in the ESWL era

Oregon Urological Society Meeting, Timberline, OR, January 1991

Possible long-term effects of ESWL on blood pressure, renal function, and stone recurrence rates

Oregon Urological Society Meeting, Timberline, OR, January 1991

Renal calculi

Methodist Hospital Emergency Medicine Grand Rounds, February 1991

Bioeffects of ESWL

Selected Topics in Urology, Gainesville, FL, February 1991

Management of staghorn calculi--an analysis of data based on stone surface measurement

Selected Topics in Urology, Gainesville, FL, February 1991

Maximizing your PNL results

Selected Topics in Urology, Gainesville, FL, February 1991

- Prostatic hyperthermia using the Biodan unit
Selected Topics in Urology, Gainesville, FL, February 1991
- Pediatric ESWL and its effect on renal growth
2nd Annual Urology Symposium, Ft. Lauderdale, FL, March 1991
- The branched calculus: PCNL and ESWL complementary or competitive?
2nd Annual Urology Symposium, Ft. Lauderdale, FL, March 1991
- Bioeffects of ESWL
2nd Annual Urology Symposium, Ft. Lauderdale, FL, March 1991
- Ureteral stone management--current and future concepts
2nd Annual Urology Symposium, Ft. Lauderdale, FL, March 1991
- The use of stone surface area in the analysis of various treatment options for staghorn calculi
6th Annual Kidney Stone Symposium, Grand Rapids, MI, May 1991
- ESWL v percutaneous management of calyceal diverticula
Michigan Urological Society, Frankenmuth, MI, December 1991
- Staghorn stones: the continuing challenge
Michigan Urological Society, Frankenmuth, MI, December 1991
- Analysis endopyelotomy and endoballoon rupture for ureteropelvic junction obstruction
Michigan Urological Society, Frankenmuth, MI, December 1991
- Blood pressure changes following ESWL and various forms of treatment for nephrolithiasis
NIH Planning Meeting, Lithotripsy Workshop, Scottsdale, AZ, February 1992
- Urology
Family Practice Residents, Methodist Hospital of Indiana, Indianapolis, IN, July 1992
- Urology for internists I – kidney stones
Seminars in Ambulatory Medicine (internal medicine residents), Methodist Hospital of Indiana, Indianapolis, IN, August 1992
- Overview of treatment of urinary stones, percutaneous access and nephrolithotripsy and its related applications
6th Annual Mount Elizabeth Seminar, Singapore, August 1992
- Percutaneous access to the kidney: antegrade approach
Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992
- Specialized access problems: upper pole access, calyceal diverticula, staghorn calculi, horseshoe kidneys
Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992
- Power lithotripsy (ultrasound, EHL, laser)
Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992
- Application of percutaneous techniques and ESWL to the problem of staghorn calculi
Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992

Ureteroscopic instrumentation

Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992

Laser v EHL in the ureter

Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992

Current lithotriptors

Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992

ESWL of children

Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992

ESWL of ureteral calculi

Seminar in Endourology & ESWL, Brno, Czechoslovakia, November 1992

Bioeffects of ESWL and the risk of hypertension

Curacao Tropical 2nd International Congress, Willemstad, Curacao, November 1992

How to avoid complications of percutaneous procedures

Curacao Tropical 2nd International Congress, Willemstad, Curacao, November 1992

Treatment of small renal calculi

Curacao Tropical 2nd International Congress, Willemstad, Curacao, November 1992

Treatment of large renal calculi

Curacao Tropical 2nd International Congress, Willemstad, Curacao, November 1992

Treatment of stones in calyceal diverticula

Curacao Tropical 2nd International Congress, Willemstad, Curacao, November 1992

Treatment of stones in lower, mid, and proximal ureter

Curacao Tropical 2nd International Congress, Willemstad, Curacao, November 1992

Metabolic evaluation of patients with struvite staghorn lithiasis

ROCK Society Meeting, Dallas, TX, January 1993

Current perspectives on the percutaneous treatment of renal calculi

Controversies in the Management of Renal and Ureteral Calculi, Palm Springs, CA, February 1993

Shock wave lithotripsy of ureteral calculi: choices

Controversies in the Management of Renal and Ureteral Calculi, Palm Springs, CA, February 1993

Update on the newer generation shock wave lithotriptors: are we making progress?

Controversies in the Management of Renal and Ureteral Calculi, Palm Springs, CA, February 1993

Ureteral calculi: choices

Grand Rounds, Methodist Hospital Family Practice Residents, Indianapolis, IN, May, 1993

Urology

Family Practice Residents, Methodist Hospital of Indiana, Indianapolis, IN, July 1993

- Stone analysis: ruminations
ROCK Society, Birmingham, AL, January 1994
- Management of lower pole nephrolithiasis: a critical analysis
Vail Urology Conference, Vail, CO, March 1994
- Ureteral calculi: choices
Vail Urology Conference, Vail, CO, March 1994
- Staghorn calculi: a current perspective
Vail Urology Conference, Vail, CO, March 1994
- Metabolic evaluation of infected renal lithiasis
Vail Urology Conference, Vail, CO, March 1994
- Endourologic techniques and update on ESWL: a potpourri
Northwest Ohio Urologic Meeting, Columbus, OH, April 1994
- Update on management of urinary stones and advances in endourology
PMC Medical Symposium for General Practitioners, Kuala Lumpur, Malaysia, September 1994
- Controversies in the management of complex renal calculi
Mid-Atlantic Stone Center Fall Conference, Marlton, NJ, October 1994
- Presentation of treatment options and analysis of ARS results
Chicago Urological Society Meeting, Chicago, IL, February 1995
- Management of complex renal calculi: an evolving technique
Ohio Urological Society Meeting, Columbus, OH, March 1995
- Management of lower pole calculi: how well does ESWL work?
Ohio Urological Society Meeting, Columbus, OH, March 1995
- Guidelines – what are they and how are they used?
Ohio Urological Society Meeting, Columbus, OH, March 1995
- Etiology and medical treatment of urinary stones
Mexican College of Urology, Guadalajara, Mexico, March 1995
- Current role of PCNL in the treatment of renal stones
Mexican College of Urology, Guadalajara, Mexico, March 1995
- Endourological treatment of urinary tract strictures in the pediatric patient
Mexican College of Urology, Guadalajara, Mexico, March 1995
- The evolving role of percutaneous cholecystolithotomy
Indiana Chapter of American College of Surgeons, South Bend, IN, May 1995
- Extracorporeal shock wave lithotripsy of pancreatic ductal calculi with the unmodified Dornier HM3 lithotripter
Indiana Chapter of American College of Surgeons, South Bend, IN, May 1995

Technology and instrumentation

Techniques in Ureteroscopy, Indianapolis, IN, September 1995

Stone disease

Techniques in Ureteroscopy, Indianapolis, IN, September 1995

Staghorn calculi: PNL, SWL, and open: which, when and why?

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Lower pole calculi: to shock or not to shock

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Tips and tricks for successful percutaneous stone removal

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Ureteroscopy: which scope would you choose? rigid and flexible ureteroscopy

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Pediatric urolithiasis: is ESWL safe and effective?

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Endopyelotomy: antegrade technique and results

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Endopyelotomy in the pediatric patient: age and efficacy

10th Annual Critical Issues in Urology, Maui, Hawaii, October 1995

Selection of patients for endopyelotomy

Mexican College of Urology, Guadalajara, Mexico, February 1996

Defining the present role of ESWL and PCNL in the treatment of renal stones

Mexican College of Urology, Guadalajara, Mexico, February 1996

Percutaneous access – how I do it

Endourology and Uroradiology, Singapore, March 1996

Techniques of stone removal

Endourology and Uroradiology, Singapore, March 1996

Complications and special situations

Endourology and Uroradiology, Singapore, March 1996

Endopyelotomy, upper tract TCC

Endourology and Uroradiology, Singapore, March 1996

Rigid ureteroscopy

Endourology and Uroradiology, Singapore, March 1996

Flexible ureteroscopy

Endourology and Uroradiology, Singapore, March 1996

ESWL machine and imaging systems

Endourology and Uroradiology, Singapore, March 1996

EHL/laser/ultrasound/lithoclast

Endourology and Uroradiology, Singapore, March 1996

New developments in lithotripsy

Big Sky Urologic Society Conference, Big Sky, Montana, March 1996

Lower pole stones: PCNL v ESWL

Big Sky Urologic Society Conference, Big Sky, Montana, March 1996

AUA staghorn guidelines

Big Sky Urologic Society Conference, Big Sky, Montana, March 1996

Extensive staghorn calculi: percutaneous monotherapy v sandwich therapy

Controversies in Urology, Cleveland, OH, April 1996

Calyceal diverticular calculi: ESWL v percutaneous management

Controversies in Urology, Cleveland, OH, April 1996

Lower pole calculi: PCNL v ESWL

Controversies in Urology, Cleveland, OH, April 1996

Extracorporeal shock wave lithotripsy devices: are we making progress?

Indiana University Department of Nephrology, Indianapolis, IN, October 1996

The optimal method of treatment of lower calyceal calculi (debate)

14th World Congress on Endourology & ESWL, Melbourne, Australia, November 1996

Treatment of calculus renal disease

Surgery Grand Rounds, Methodist Hospital of Indiana, Indianapolis, IN, December 1996

Point-Counterpoint: management of lower calyceal stones (debate)

AUA Annual Meeting, New Orleans, LA, April 1997

Advances in the technique of percutaneous nephrostolithotomy

10th Jubilee Congress of the Hungarian Society of Urologists, Debrecen, Hungary, October 1997

Simultaneous bilateral percutaneous nephrostolithotomy

Israel Urological Association, Tel Aviv, Israel, February 1998

Adult and pediatric endopyelotomy

Israel Urological Association, Tel Aviv, Israel, February 1998

Endoureterotomy techniques

Israel Urological Association, Tel Aviv, Israel, February 1998

Current state of the art of percutaneous renal surgery

Israel Urological Association, Tel Aviv, Israel, February 1998

The impact of new technology (flexible ureteroscopes and the Holmium laser)

Israel Urological Association, Tel Aviv, Israel, February 1998

Treatment of symptomatic urolithiasis in 1998

New York Society of Nephrology, Manhattan, NY, March 1998

Percutaneous renal surgery: lessons learned

University of Wisconsin-Madison Medical School, Madison, WI, March 1998

Percutaneous nephrostolithotomy: access for intrarenal surgery and endoscopic lithotripsy

Techniques in Ureteroscopy, Columbia, MD, April 1998

Efficacy of percutaneous renal surgery in regard to lower pole calculi

Techniques in Ureteroscopy, Columbia, MD, April 1998

Holmium laser lithotripsy

Coherent Laser Training Meeting, San Jose, CA, June 1998

Lower pole stones – ESWL v PCNL

4th Asian Congress in Urology, Republic of Singapore, September 1998

ESWL lithotripter – which to buy?

4th Asian Congress in Urology, Republic of Singapore, September 1998

Renal access – ultrasound v fluoroscopy

4th Asian Congress in Urology, Republic of Singapore, September 1998

Current techniques and equipment in PCNL

4th Asian Congress in Urology, Republic of Singapore, September 1998

Holmium laser prostatectomy

Coherent Laser Training Meeting, Amelia Island, FL, October 1998

Renal stone disease: pathogenesis, prevention, and treatment

American Society of Nephrology, Philadelphia, PA, October 1998

Retrograde approach by urethroscopy vs. antegrade approach by percutaneous surgery in the management of kidney lithiasis

XXIV Congress of the American Urological Confederation, Cancun, Mexico, November 1998

Percutaneous tract

XXIV Congress of the American Urological Confederation, Cancun, Mexico, November 1998

Endourology in the management of upper urinary tract stenosis

XXIV Congress of the American Urological Confederation, Cancun, Mexico, November 1998

Ureteroscopic applications with the Holmium laser

Coherent Laser Training Meeting, Fort Wayne, IN, January 1999

Percutaneous nephroscopy access and treatment

Coherent Laser Training Meeting, Dallas, TX, April 1999

Laser lithotripsy: techniques and results

Coherent Laser Training Meeting, Dallas, TX, April 1999

- Ureteroscopy and Holmium laser lithotripsy
Coherent Laser Training Meeting, Dallas, TX, April 1999
- Laparoscopic donor nephrectomy
Indiana Chapter American College of Surgeons, Indianapolis, IN, May 1999
- Evolution of HoLEP
Coherent Laser Training Meeting, Indianapolis, IN, June 1999
- Metabolic stone evaluation
Coherent Laser Training Meeting, Indianapolis, IN, June 1999
- HM3 vs. "The World" (debate)
17th World Congress on Endourology, Rhodes, Greece, September 1999
- Evolution of HoLEP
Coherent Laser Training Meeting, Valhalla, NY, October 1999
- HoLEP: techniques and results
Coherent Laser Training Meeting, Valhalla, NY, October 1999
- Ureteroscopy and Holmium laser lithotripsy
Coherent Laser Training Meeting, Gainesville, FL, November 1999
- Holmium laser enucleation of the prostate
Society of Laparoendoscopic Surgeons, New York, NY, December 1999
- Shock wave lithotripsy: innovations and future directions
Urolithiasis 2000, Capetown, South Africa, February 2000
- HoLEP: evolution of technique
Coherent Laser Training Meeting, Capetown, South Africa, February 2000
- In the current smorgasbord of BPH techniques, why HoLEP?
Coherent Laser Training Meeting, Capetown, South Africa, February 2000
- Trans-mobile lithotripter comparison
14th Annual Meeting American Lithotripsy Society, San Antonio, TX, March 2000
- Ureteroscopy and Holmium laser lithotripsy
Coherent Laser Training Meeting, Dallas, TX, March 2000
- Management of lower pole calculi
Clinical Problems in Urology Seminar, Northwestern University Medical School, Chicago, IL, March 2000
- Downside of ESWL
Clinical Problems in Urology Seminar, Northwestern University Medical School, Chicago, IL, March 2000

Buying a lithotripter

Clinical Problems in Urology Seminar, Northwestern University Medical School, Chicago, IL, March 2000

Tricks of the trade: ureteroscopy and PCNL

Clinical Problems in Urology Seminar, Northwestern University Medical School, Chicago, IL, March 2000

New developments in urology including Holmium laser prostate procedures

6th Annual Family Practice Update, Methodist Hospital of Indiana, Indianapolis, IN, May 2000

Evolution of HoLEP

Coherent Laser Training Meeting, Chicago, IL, June 2000

HoLEP technique

Coherent Laser Training Meeting, Chicago, IL, June 2000

HoLEP vs. open prostatectomy

Coherent Laser Training Meeting, Chicago, IL, June 2000

Laparoscopic kidney

3rd Annual Transplantation Symposium, Indianapolis, IN, August 2000

Percutaneous access and stone therapy

Coherent Laser Training Meeting, Philadelphia, PA, September 2000

Evolution of techniques HoLEP

Coherent Laser Training Meeting, Philadelphia, PA, September 2000

HoLEP vs. open prostatectomy

Coherent Laser Training Meeting, Philadelphia, PA, September 2000

Where does HoLEP fit in the BPH smorgasbord?

Coherent Laser Training Meeting, Philadelphia, PA, September 2000

BPH techniques

New York Section of the AUA Annual Meeting, Capetown, South Africa, October 2000

HoLEP techniques

Coherent Laser Training Meeting, Huntington Beach, CA, October 2000

Where does HoLEP fit in the BPH smorgasbord?

Coherent Laser Training Meeting, Huntington Beach, CA, October 2000

Laparoscopic transplant donation – decreasing the morbidity of donation

10th Annual Stuart A. Kleit Symposium, National Kidney Foundation of Indiana, Inc., Indianapolis, IN, November 2000

Laparoscopic donor nephrectomy

The College of Physicians and Surgeons of Ontario, Toronto, Ontario, Canada, November 2000

Where does HoLEP fit in the BPH smorgasbord?

Coherent Laser Training Meeting, Fort Lauderdale, Florida, February 2001

Current percutaneous techniques and applications

Coherent Laser Training Meeting, Fort Lauderdale, Florida, February 2001

Management of distal ureteral stones - Point/Counterpoint

AUA Annual Meeting, Anaheim, CA, June 2001

HoLEP – a new challenger?

19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

New developments in ureteral stents

American Lithotripsy Society Meeting, Las Vegas, NV, March 2002

Extracorporeal shock wave lithotripsy: an overview of current technology

Second International Symposium on Therapeutic Ultrasound, Seattle, WA, July 2002

The lower calyceal stone

BAUS Section of Endourology Annual Meeting, Edinburgh, Scotland, October 2002

Managing staghorn calculi

BAUS Section of Endourology Annual Meeting, Edinburgh, Scotland, October 2002

Intraoperative mapping of stone disease

American Kidney Stone Management Meeting, Orlando, Florida, August 2003

Advances in Endourology and ESWL

North Central Section of the AUA Annual Meeting, Vancouver, Canada, September 2003

Current state of clinical lithotripsy

Acoustical Society of America, Austin, Texas, November 2003

Advances in shock wave lithotripsy: an issue of technology or technique?

Oklahoma State Urology Meeting, Oklahoma City, Oklahoma, March 2004

A practical strategy to evaluate and treat the recurrent stone former

Oklahoma State Urology Meeting, Oklahoma City, Oklahoma, March 2004

What's new in endourology and ESWL?

North Central Section of the AUA Annual Meeting, Bal Harbour, FL, October 2004

Percutaneous stone removal: maximizing results while minimizing morbidity

Toronto Urology Update, Toronto, Canada, October 2004

Randall's plaque revisited: new insights into the pathogenesis of nephrolithiasis

Toronto Urology Update, Toronto, Canada, October 2004

SWL 2004

22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

How to improve results with SWL

22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Holmium laser ablation of the prostate (HoLAP)

22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

HoLEP: A TURP for the 21st Century

3rd Annual Meeting of the Japanese Urological Association, Tokyo, Japan, April 2005

Calcium oxalate stones begins as overgrowth on Randall's plaque

R.O.C.K. Society Meeting, Chicago, Illinois, April 2005

A practical strategy to evaluate and treat the recurrent stone former

IVP Conference, Indiana University, Indianapolis, IN, May 2005

Fluoroscopic "tricks" to gain percutaneous access

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

ESWL – AWOL: Is the technology dying?

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

Management of complicated stones

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

Tips and tricks of endourology

North Central Section of the AUA Annual Meeting, Chicago, IL, September 2005

Holmium laser applications for BPH

Illinois Urological Society Annual Meeting, Urbana, IL, September 2005

Randall's plaque revisited: new theories on the pathogenesis of nephrolithiasis

Illinois Urological Society Annual Meeting, Urbana, IL, September 2005

New concepts in the pathogenesis of nephrolithiasis

Kimbrough Urologic Seminar, Savannah, GA, January 2006

Pioneers in endourology: Dr. Joe Segura and the state-of-the-art in percutaneous stone surgery

The Adolph A. Kutzmann M.D. Lectureship, Los Angeles, CA, June 2006

The Randall's plaque: significance and clinical impact in urology and nephrology

The Adolph A. Kutzmann M.D. Lectureship, Los Angeles, CA, June 2006

Are ureteral stents necessary after ureteroscopy?

North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

HoLEP – a TURP for the 21st century

1st Advanced Endourology, Laparoscopy, and Robotic Update, Miami, FL, December 2006

Percutaneous stone surgery

1st Advanced Endourology, Laparoscopy, and Robotic Update, Miami, FL, December 2006

Percutaneous management of upper tract transitional cell carcinoma

1st Advanced Endourology, Laparoscopy, and Robotic Update, Miami, FL, December 2006

New concepts in the pathogenesis of kidney stone disease
XV A.M.E.L.L. Annual Meeting, Morelia, Mexico, February 2007

Medical evaluation and treatment of the stone former
XV A.M.E.L.L. Annual Meeting, Morelia, Mexico, February 2007

Surgical management of stone disease: percutaneous access and stone removal
XV A.M.E.L.L. Annual Meeting, Morelia, Mexico, February 2007

Use of the holmium laser for BPH
XV A.M.E.L.L. Annual Meeting, Morelia, Mexico, February 2007

Percutaneous management of renal pelvic stones
XV A.M.E.L.L. Annual Meeting, Morelia, Mexico, February 2007

Holmium laser transurethral resection of the prostate
Lumenis Workshop, Sydney, Australia, March 2007

AUA Lecture and Postgraduate Course Activity:

Extracorporeal shock wave lithotripsy
AUA Postgraduate Seminar, Detroit, MI, March 1985

Lithotripsy - toxicity and what's new?
AUA Annual Meeting, San Antonio, TX, May 1990

Lithotripsy - toxicity and what's new?
AUA Annual Meeting, Toronto, Ontario, June 1991

Hyperoxaluria
AUA Calculi Update, St. Louis, MO, September 1991

Bioeffects of ESWL
AUA Calculi Update, St. Louis, MO, September 1991

Renal calculi: ESWL
AUA Calculi Update, St. Louis, MO, September 1991

Current practice and controversies in ESWL
AUA Annual Meeting, Washington, DC, May 1992

Pathogenesis of urolithiasis
AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Patient evaluation – recurrent stone former
AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Principles and new technology of ESWL
AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Renal calculi – ESWL

AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Staghorn calculi

AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Ureteral calculi – ESWL

AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Managing complications of ESWL

AUA Stone Update, Puerto Vallarta, Mexico, February 1993

Current practice and controversies in ESWL

AUA Annual Meeting, San Antonio, TX, May 1993

Bioeffects of shock wave lithotripsy

AUA Stone Symposium, AUA Annual Meeting, San Antonio, TX, May 1993

Ureteroscopes

AUA Update – Calculi/Endourology/Ureteroscopy, Chicago, IL, April 1994

Staghorn calculi: a current perspective

AUA Update – Calculi/Endourology/Ureteroscopy, Chicago, IL, April 1994

SWL of ureteral calculi: choices

AUA Update – Calculi/Endourology/Ureteroscopy, Chicago, IL, April 1994

Managing complication of SWL

AUA Update – Calculi/Endourology/Ureteroscopy, Chicago, IL, April 1994

Percutaneous renal surgery

AUA Annual Meeting, San Francisco, CA, May 1994

Percutaneous renal surgery

AUA Annual Meeting, Las Vegas, NV, April 1995

New shock wave machines – how and why they work and are they any better than the machines I have now?

Urolithiasis Update 1995: Calculi, Ureteroscopy and Endourology, New Orleans, LA, September 1995

What can go wrong after SWL? Short-term complications, long-term complications

Urolithiasis Update 1995: Calculi, Ureteroscopy and Endourology, New Orleans, LA, September 1995

Percs for staghorn and other large stones

Urolithiasis Update 1995: Calculi, Ureteroscopy and Endourology, New Orleans, LA, September 1995

Urolithiasis Course

AUA Annual Meeting, Orlando, FL, May 1996

How to do ureteroscopy without making a lot of mistakes

AUA Urolithiasis Update, Toronto, Canada, April 1998

New shock wave machines – how and why they work and are they any better than the machine I have now?

AUA Urolithiasis Update, Toronto, Canada, April 1998

What can go wrong with SWL? Short-term and long-term complications
AUA Urolithiasis Update, Toronto, Canada, April 1998

Rationale for the management of infected stones – percs for staghorns and other large stones
AUA Urolithiasis Update, Toronto, Canada, April 1998

Lithotripsy Update 1998
AUA Annual Meeting, San Diego, CA, June 1998

Lithotripsy Update 1999
AUA Annual Meeting, Dallas, TX, May 1999

New shock wave machines – how and why they work and are they any better than the machine I have now?
AUA Urolithiasis Update, Washington, DC, December 1999

The down side of SWL – short and long term complications
AUA Urolithiasis Update, Washington, DC, December 1999

Percutaneous stone removal for those who don't do a lot of it
AUA Urolithiasis Update, Washington, DC, December 1999

Rationale for the management of infected stones – reasons for staghorns and other large stones
AUA Urolithiasis Update, Washington, DC, December 1999

Lithotripsy Update 2000
AUA Annual Meeting, Atlanta, GA, May 2000

Radiology of stones
Urolithiasis Update 2001, Cancun, Mexico, February 2001

New shock wave machines – how and why they work and are they any better than the machine I have now?
Urolithiasis Update 2001, Cancun, Mexico, February 2001

The down side of SWL – short and long term complications
Urolithiasis Update 2001, Cancun, Mexico, February 2001

Percutaneous stone removal for those who don't do a lot of it
Urolithiasis Update 2001, Cancun, Mexico, February 2001

Rationale for management of infected stones, staghorns, and other large stones
Urolithiasis Update 2001, Cancun, Mexico, February 2001

Urolithiasis Course
AUA Annual Meeting, Anaheim, CA, June 2001

Management of stones in pregnancy
Stone and Upper Tract Endourology Update, San Diego, CA, April 2002

Radiology of stones
Stone and Upper Tract Endourology Update, San Diego, CA, April 2002

New shock wave machines – how and why they work and are they any better than the machine I have now?
Stone and Upper Tract Endourology Update, San Diego, CA, April 2002

The downside of SWL: short and long-term complications
Stone and Upper Tract Endourology Update, San Diego, CA, April 2002

Urolithiasis Course
AUA Annual Meeting, Orlando, Florida, May 2002

Urolithiasis Course
AUA Annual Meeting, Chicago, Illinois, April 2003

Urolithiasis Course
AUA Annual Meeting, San Francisco, CA, May 2004

Management of stones in pregnancy
Urolithiasis Update 2004, Orlando, FL, October 2004

Radiology of stones
Urolithiasis Update 2004, Orlando, FL, October 2004

New shock wave machines – how and why they work and are they any better than the machine I have now?
Urolithiasis Update 2004, Orlando, FL, October 2004

The downside of SWL – short- and long-term complications
Urolithiasis Update 2004, Orlando, FL, October 2004

Percutaneous access and stone removal for those who don't do a lot of it
Urolithiasis Update 2004, Orlando, FL, October 2004

Pathogenesis of stone disease
Urolithiasis Update 2005, Tucson, AZ, February 2005

Management of stones in pregnancy
Urolithiasis Update 2005, Tucson, AZ, February 2005

Radiology of stones
Urolithiasis Update 2005, Tucson, AZ, February 2005

New shock wave machines – how and why they work and are they any better than the machine I have now?
Urolithiasis Update 2005, Tucson, AZ, February 2005

Percutaneous access and stone removal
Urolithiasis Update 2005, Tucson, AZ, February 2005

Urolithiasis Course
AUA Annual Meeting, San Antonio, TX, May 2005

Urolithiasis Course
AUA Annual Meeting, Atlanta, GA, May 2006

Pathogenesis of stone disease

The Segura Urolithiasis and Endourology Update 2006, Washington, DC, December 2006

Management of stones during pregnancy

The Segura Urolithiasis and Endourology Update 2006, Washington, DC, December 2006

Role of imaging in stone management

The Segura Urolithiasis and Endourology Update 2006, Washington, DC, December 2006

New shock wave lithotriptors – how and why they work and are they any better than my current machine?

The Segura Urolithiasis and Endourology Update 2006, Washington, DC, December 2006

Percutaneous access and stone removal for those who don't do a lot of it

The Segura Urolithiasis and Endourology Update 2006, Washington, DC, December 2006

Urolithiasis Course

AUA Annual Meeting, Anaheim, CA, May 2007

Other Postgraduate Courses:

Percutaneous endourologic procedures

Georgetown University School of Medicine, Washington DC, April 1985

Percutaneous endourologic procedures

Georgetown University School of Medicine, Washington, DC, October 1985

Clinical Problems in Urology

Northwestern University Medical School, Chicago, IL, April 1992

Percutaneous calyceal diverticulectomy

Frontiers in Endourology, St. Louis, MO, September 1993

Stone management

11th World Congress, Florence, Italy, October 1993

Percutaneous Techniques: Tips and Tricks in Stone Management

12th World Congress, St. Louis, MO, December 1994

Controversies in Endourology and Urolithiasis

Univ. of Colorado Health Sciences Center, Denver, CO, March 1995

Techniques in Ureteroscopy

Indianapolis, IN, September 23, 1995

Controversies in Urology

Cleveland, OH, April 1996

Flexible nephroscopes

Frontiers in Endourology, St. Louis, MO, June 1996

Strategy for approaching the staghorn stone percutaneously

Frontiers in Endourology, St. Louis, MO, June 1996

Staghorn stones: of sandwiches, open, closed, and without the bun
Frontiers in Endourology, St. Louis, MO, June 1996

Calculi and children: what to use and when?
Frontiers in Endourology, St. Louis, MO, June 1996

How to deal with difficult staghorn calculus
14th World Congress on Endourology & ESWL, Melbourne, Australia, November 1996

Access for staghorns: upper pole punctures
14th World Congress on Endourology & ESWL, Melbourne, Australia, November 1996

Update on ESWL: what type of lithotripter do you need?
1998 Urology Symposium, Monterey, CA, December 1998

Lower pole renal calculi: where does the controversy stand?
1998 Urology Symposium, Monterey, CA, December 1998

Technical advances in percutaneous renal surgery
1998 Urology Symposium, Monterey, CA, December 1998

Lower pole stones: ESWL vs. PCNL vs. flexible URS
Masterclass in Endourology, Singapore, June 2000

Upper tract TCC: endoscopic vs. open management
Masterclass in Endourology, Singapore, June 2000

Endopyelotomy: choice of approach
Masterclass in Endourology, Singapore, June 2000

Ureteric strictures: open vs. endoureterotomy
Masterclass in Endourology, Singapore, June 2000

Surgical tips I – renal access and PCNL
Masterclass in Endourology, Singapore, June 2000

Surgical tips II – how I do it
Masterclass in Endourology, Singapore, June 2000

Surgical tips III – dealing with complications in endourology
Masterclass in Endourology, Singapore, June 2000

Setting up an endourology service in the hospital
Masterclass in Endourology, Singapore, June 2000

The role of percutaneous treatment
11th Annual Jefferson Urology Symposium, Philadelphia, PA, September 2000

Percutaneous treatment and ESWL
11th Annual Jefferson Urology Symposium, Philadelphia, PA, September 2000

Percutaneous access techniques for PCNL

12th Annual Urology Symposium – Endourology in the 21st Century, Fort Lauderdale, Florida, February 2001

Laparoscopic nephrectomy in the community hospital setting

12th Annual Urology Symposium – Endourology in the 21st Century, Fort Lauderdale, Florida, February 2001

Holmium laser enucleation of the prostate (HoLEP) – technique, results, and use in the large prostate

12th Annual Urology Symposium – Endourology in the 21st Century, Fort Lauderdale, Florida, February 2001

HoLEP – Where does it fit in the smorgasbord of BPH therapy?

12th Annual Urology Symposium – Endourology in the 21st Century, Fort Lauderdale, Florida, February 2001

Percutaneous nephroscopy

BSC Endourology Course, Rio Grande, Puerto Rico, March 2001

Access for percutaneous nephrostomy

BSC Endourology Course, Rio Grande, Puerto Rico, March 2001

Endoscopic treatment of lower pole calculi

BSC Endourology Course, Rio Grande, Puerto Rico, March 2001

Ureteroscopic instruments with flexible ureteroscopy

BSC Endourology Course, Rio Grande, Puerto Rico, March 2001

Treating tumors – can we? Should we?

BSC Endourology Course, Rio Grande, Puerto Rico, March 2001

Percutaneous treatment of calculi

New Techniques in Endourology Meeting, Atlanta, GA, April 2002

The holmium laser for BPH

New Techniques in Endourology Meeting, Atlanta, GA, April 2002

Percutaneous treatment of calculi

New Techniques in Endourology Meeting, Chicago, IL, May 2002

The holmium laser for BPH

New Techniques in Endourology Meeting, Chicago, IL, May 2002

Percutaneous treatment of calculi

New Techniques in Endourology Meeting, Charlotte, NC, June 2002

The holmium laser for BPH

New Techniques in Endourology Meeting, Charlotte, NC, June 2002

Holmium laser – physics and safety

Latest Techniques in Endourology: Ureteroscopy, PCN, and Holmium Laser Prostatectomy,

Sao Paulo, Brazil, August 2002

Ureteroscopic treatment of calculi

Latest Techniques in Endourology: Ureteroscopy, PCN, and Holmium Laser Prostatectomy,
Sao Paulo, Brazil, August 2002

Rationale for PCN

Latest Techniques in Endourology: Ureteroscopy, PCN, and Holmium Laser Prostatectomy,
Sao Paulo, Brazil, August 2002

Percutaneous treatment of calculi

Latest Techniques in Endourology: Ureteroscopy, PCN, and Holmium Laser Prostatectomy,
Sao Paulo, Brazil, August 2002

The holmium laser for BPH

Latest Techniques in Endourology: Ureteroscopy, PCN, and Holmium Laser Prostatectomy,
Sao Paulo, Brazil, August 2002

Percutaneous treatment of calculi

New Techniques in Endourology, Boston, MA, October 2002

The holmium laser for BPH

New Techniques in Endourology, Boston, MA, October 2002

Basic metabolic evaluation of the stone former

New Techniques in Endourology, Boston, MA, October 2002

Access for PCN

New Techniques in Endourology, Dallas, TX, November 2002

Percutaneous treatment of calculi

New Techniques in Endourology, Dallas, TX, November 2002

The holmium laser for BPH

New Techniques in Endourology, Dallas, TX, November 2002

Access for percutaneous nephroscopy

Focus Endourology 2003, Rio Grande, Puerto Rico, March 2003

Endoscopic treatment of calculi: percutaneous nephroscopy

Focus Endourology 2003, Rio Grande, Puerto Rico, March 2003

Endoscopic treatment of calculi: lower pole calculi

Focus Endourology 2003, Rio Grande, Puerto Rico, March 2003

Holmium laser for BPH

Focus Endourology 2003, Rio Grande, Puerto Rico, March 2003

Percutaneous nephrolithotomy

The 5th Great Lakes Urology Seminar, Detroit, MI, March 2003

Holmium laser: physics and safety

Focus Endourology 2003, Minneapolis, Minnesota, June 2003

Holmium laser: endoscopic techniques

Focus Endourology 2003, Minneapolis, Minnesota, June 2003

Access for PCN

Focus Endourology 2003, Minneapolis, Minnesota, June 2003

Percutaneous treatment of calculi

Focus Endourology 2003, Minneapolis, Minnesota, June 2003

Holmium laser for BPH

Focus Endourology 2003, Minneapolis, Minnesota, June 2003

Urolithiasis overview

Big Sky Urology Conference, Big Sky, Montana, March 2004

Performing lithotripsy more effectively

Big Sky Urology Conference, Big Sky, Montana, March 2004

BPH therapies

Big Sky Urology Conference, Big Sky, Montana, March 2004

Holmium laser treatment of BPH

Minimally Invasive Therapies in Urology, University of Cincinnati, Cincinnati, OH, September 2004

Percutaneous nephrostolithotomy – access and tools

Minimally Invasive Therapies in Urology, University of Cincinnati, Cincinnati, OH, September 2004

Holmium laser enucleation of the prostate (HoLEP)

24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006

Enucleation options for BPH

24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006

Abstract and Poster Sessions:

Urolithiasis analysis: technique and data from one large stone laboratory

North Central Section of the AUA Annual Meeting, October 1981

Angiomyolipoma: emerging concepts in management

North Central Section of the AUA Annual Meeting, October 1982

Struvite stone disease at Indiana University Medical Center

North Central Section of the AUA Annual Meeting, October 1982

Living related donor nephrectomy at Indiana University Medical Center

North Central Section of the AUA Annual Meeting, October 1982

Severe cystitis and cystitis glandularis secondary to Chlamydial infection of the bladder and prostate

North Central Section of the AUA Annual Meeting, October 1982

Prophylactic incision of the vesical neck at the time of TURP and subsequent postoperative vesical neck contracture

North Central Section of the AUA Annual Meeting, October 1982

Renal oncocytoma

AUA Annual Meeting, Las Vegas, NV, April 1983

Lithostat: a reappraisal

North Central Section of the AUA Annual Meeting, Cedar Rapids, IA, September 1984

Single stage nephrostolithotomy: results in 100 consecutive cases

North Central Section of the AUA Annual Meeting, Cedar Rapids, IA, September 1984

Life threatening morbidity with nephrostolithotomy: a case report

North Central Section of the AUA Annual Meeting, Cedar Rapids, IA, September 1984

The morbidity of nephrostolithotomy v extracorporeal shock wave lithotripsy

North Central Section of the AUA Annual Meeting, Cedar Rapids, IA, September 1984

Extracorporeal shock wave lithotripsy in the United States: preliminary results

North Central Section of the AUA Annual Meeting, Cedar Rapids, IA, September 1984

The manifestations and management of late urologic complications in renal transplant recipients: use of urologic armamentarium

North Central Section of the AUA Annual Meeting, Cedar Rapids, IA, September 1984

Combined percutaneous nephrostolithotomy and extracorporeal shock wave lithotripsy for staghorn calculi

First Symposium on Shock Wave Lithotripsy, Methodist Hospital, February 1985

Comparison of morbidity of ESWL and percutaneous lithotripsy

First Symposium on Shock Wave Lithotripsy, Methodist Hospital, February 1985

Summary of the experience of the United States study group of the Dornier extracorporeal shock wave lithotripter

AUA Annual Meeting, Atlanta, GA, May 1985

ESWL at Methodist Hospital of Indiana: experience with 982 cases

AUA Annual Meeting, Atlanta, GA, May 1985

Comparison of morbidity of ESWL and PCNL

AUA Annual Meeting, Atlanta, GA, May 1985

Comparison of anesthetic modalities for percutaneous nephrostolithotomy

AUA Annual Meeting, Atlanta, GA, May 1985

Comparison of single stage general anesthesia with local anesthesia for percutaneous stone extraction

III World Congress on Endourology and ESWL, New York, NY, September 1985

Spectrum of ureteroscopy

III World Congress on Endourology and ESWL, New York, NY, September 1985

- Staghorn calculi: an alternative to anatomic nephrolithotomy
III World Congress on Endourology and ESWL, New York, NY, September 1985
- ESWL: experience in the pediatric age group
III World Congress on Endourology and ESWL, New York, NY, September 1985
- ESWL: treatment of stones - solitary kidneys
III World Congress on Endourology and ESWL, New York, NY, September 1985
- Comparison of percutaneous stone extraction and ESWL
III World Congress on Endourology and ESWL, New York, NY, September 1985
- Ammonium urate: a rare upper tract stone
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- Changing management of infectious stones in patients with neurogenic bladder
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- Comparison of single stage general anesthesia with local anesthesia for percutaneous stone extraction
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- Staghorn calculi: an alternative to anatomic nephrolithotomy
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- ESWL: experience in the pediatric age group
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- ESWL: treatment of stone - solitary kidneys
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- Spectrum of ureteroscopy
North Central Section of the AUA Annual Meeting, Palm Beach, FL, November 1985
- Ureteral stone manipulation preceding ESWL
AUA Annual Meeting, New York, NY, May 1986
- Cost comparison of ESWL and other surgical and non-surgical treatment alternatives for urolithiasis
AUA Annual Meeting, New York, NY, May 1986
- Cost analysis of ESWL relative to other surgical and non-surgical treatment alternatives for urolithiasis
IV World Congress on Endourology and ESWL, Madrid, Spain, September 1986
- Management of upper ureteral calculi with ESWL
IV World Congress on Endourology and ESWL, Madrid, Spain, September 1986
- ESWL induced perirenal hematomas
IV World Congress on Endourology and ESWL, Madrid, Spain, September 1986
- Ureteroscopy for proximal ureteral stones: a caveat
North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986
- Colon perforation during percutaneous nephrostolithotomy: report of three cases and techniques for

management and avoidance

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

Endourology in the era of ESWL

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

Cost effectiveness of ESWL and nephrostolithotomy

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

Long-term follow-up of 1,841 ESWL patients

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

Management of upper ureteral calculi with ESWL

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

Management of urolithiasis in horseshoe kidneys

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

ESWL induced perirenal hematomas

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

New onset hypertension after ESWL

North Central Section of the AUA Annual Meeting, Rancho Mirage, CA, November 1986

Management of upper ureteral calculi with ESWL

Third Symposium on ESWL: Emerging Concepts, Indianapolis, IN, February 1987

Hypertension following ESWL

AUA Annual Meeting, Anaheim, CA, May 1987

Magnetic resonance imaging following ESWL with the Dornier HM3 lithotripter

AUA Annual Meeting, Anaheim, CA, May 1987

Ammonium urate urolithiasis: a marker for laxative abuse

AUA Annual Meeting, Anaheim, CA, May 1987

Management of staghorn calculi: should there be any controversy

North Central Section of the AUA Annual Meeting, Detroit, MI, September 1987

Combined PCNL & ESWL for the management of staghorn calculi (VIDEO),

North Central Section of the AUA Annual Meeting, Detroit, MI, September 1987

A comparative trial of Sonolith 2000, a second-generation lithotripter, with Dornier HM3 lithotripter

North Central Section of the AUA Annual Meeting, Detroit, MI, September 1987

Percutaneous management of calculi in calyceal diverticula

V World Congress on Endourology and ESWL, Cairo, Egypt, November 1987

Management of staghorn calculi: should there be any controversy

V World Congress on Endourology and ESWL, Cairo, Egypt, November 1987

Long-term follow-up of ESWL patients

V World Congress on Endourology and ESWL, Cairo, Egypt, November 1987

Broad beam ultrasound for acceleration of struvite calculi dissolution: a new technology
V World Congress on Endourology and ESWL, Cairo, Egypt, November 1987

Second generation lithotripsy
Fourth Symposium on Shock Wave Lithotripsy: State of the Art, Indianapolis, IN, March 1988

Results of 350 staghorn treatments
Fourth Symposium on Shock Wave Lithotripsy: State of the Art, Indianapolis, IN, March 1988

Percutaneous management of calyceal diverticula
AUA Annual Meeting, Boston, MA, June 1988

Management of staghorn calculi: should there be any controversy?
AUA Annual Meeting, Boston, MA, June 1988

Bioeffects of shock waves and the risk of hypertension following ESWL
AUA Annual Meeting, Boston, MA, June 1988

Bioeffects of shock waves and risk of hypertension following ESWL
VI International Symposium on Urolithiasis, Vancouver, Canada, July 1988

Percutaneous management of calyceal diverticula
VI International Symposium on Urolithiasis, Vancouver, Canada, July 1988

Comparison of results and morbidity of PCNL and ESWL
VI International Symposium on Urolithiasis, Vancouver, Canada, July 1988

Results of current management options for staghorn calculi
VI International Symposium on Urolithiasis, Vancouver, Canada, July 1988

Bioeffects of shock waves and risk of hypertension following ESWL
XXI Congress of the International Society of Urology, Bangkok, Thailand, October 1988

Blood pressure changes following ESWL
North Central Section of the AUA Annual Meeting, Orlando, FL, November 1988

The relative efficacy of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy in the management of cystine calculi
5th Annual Symposium on Shock Wave Lithotripsy: Urinary and Biliary, Indianapolis, IN, March 1989

Management of ureteral calculi
5th Annual Symposium on Shock Wave Lithotripsy: Urinary and Biliary, Indianapolis, IN, March 1989

The relative efficacy of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy in the management of cystine calculi
AUA Annual Meeting, Dallas, TX, May 1989

The risk of hypertension following various forms of treatment for urolithiasis

AUA Annual Meeting, Dallas, TX, May 1989

Cell culture and *in vitro* systems to assess the bioeffects of ESWL
AUA Annual Meeting, Dallas, TX, May 1989

Acute renal damage induced by ESWL in the mini-pig
AUA Annual Meeting, Dallas, TX, May 1989

Management of ureteral calculus: current and future concepts
North Central Section of the AUA Annual Meeting, Chicago, IL, September 1989

Gallstones: advantages and disadvantages of five treatment alternatives
Management of Gallstones: 1990 and Beyond, Methodist Hospital Symposium, Indianapolis, IN,
December, 1989

Blood pressure changes following extracorporeal shock wave lithotripsy for nephrolithiasis
American Journal of Hypertension, 1989

Long-term follow-up of renal function in extracorporeal shock wave lithotripsy treated patients with solitary
kidneys
AUA Annual Meeting, New Orleans, LA, May 1990

ESWL induces dose dependent changes in renal structure and function in the young mini-pig
AUA Annual Meeting, New Orleans, LA, May 1990

Management of ureteral calculi: current and future concepts
AUA Annual Meeting, New Orleans, LA, May 1990

Long-term follow-up of renal function in extracorporeal shock wave lithotripsy treated patients with solitary
kidneys
8th World Congress on Endourology & ESWL, Washington DC, August 1990

The clinical implications of brushite calculi
8th World Congress on Endourology & ESWL, Washington DC, August 1990

SWL induces more severe renal structural and functional changes in juvenile v adult mini-pig kidney
8th World Congress on Endourology & ESWL, Washington DC, August 1990

ESWL induces dose dependent changes in renal structure and function in the young mini-pig
8th World Congress on Endourology & ESWL, Washington DC, August 1990

ESWL v percutaneous management of calyceal diverticula
8th World Congress on Endourology & ESWL, Washington DC, August 1990

Results of various combinations of percutaneous nephrolithotomy and shock wave lithotripsy in the
management of 378 staghorn calculi
8th World Congress on Endourology & ESWL, Washington DC, August 1990

Management of ureteral calculi: current and future concepts.
8th World Congress on Endourology & ESWL, Washington DC, August 1990

Long-term follow-up of renal function in extracorporeal shock wave lithotripsy treated patients with solitary kidneys

North Central Section of the AUA Annual Meeting, Colorado Springs, CO, October 1990

The clinical implications of brushite calculi

North Central Section of the AUA Annual Meeting, Colorado Springs, CO, October 1990

Simultaneous bilateral percutaneous nephrostolithotomy

9th World Congress on Endourology & ESWL, Vienna, Austria, June 1991

Stone surface area determination techniques: a unifying concept of stone burden assessment

9th World Congress on Endourology & ESWL, Vienna, Austria, June 1991

Refinements in the techniques of percutaneous nephrostolithotomy: a contribution to continued success and decreasing role of combination ESWL for staghorn calculi

9th World Congress on Endourology & ESWL, Vienna, Austria, June 1991

Analysis of results for endopyelotomy and endoballoon rupture for ureteropelvic junction obstruction

9th World Congress on Endourology & ESWL, Vienna, Austria, June 1991

Staghorn calculi: the continuing challenge

9th World Congress on Endourology & ESWL, Vienna, Austria, June 1991

Four year follow up of blood pressure changes following various forms of treatment for nephrolithiasis

AUA Annual Meeting, Toronto, Ontario, Canada, June 1991

ESWL v percutaneous management of calyceal diverticula

AUA Annual Meeting, Toronto, Ontario, Canada, June 1991

Surface area measurements of staghorn calculi treated by various means: a potential solution to the problem of stone burden assessment

AUA Annual Meeting, Toronto, Ontario, Canada, June 1991

The use of surface area in the analysis of treatment options of staghorn calculi

North Central Section of the AUA Annual Meeting, Scottsdale, AZ, November 1991

Evolution of the technique of combination therapy for staghorn calculi: a decreasing role for ESWL

North Central Section of the AUA Annual Meeting, Scottsdale, AZ, November 1991

Analysis endopyelotomy and endoballoon rupture for ureteropelvic junction obstruction

North Central Section of the AUA Annual Meeting, Scottsdale, AZ, November 1991

Verapamil moderates the bilateral effects of extracorporeal shock wave lithotripsy (ESWL) on renal plasma flow (RPF) and glomerular filtration rate (GFR) in mini-pigs

AUA Annual Meeting, Washington, DC, May 1992

Refinements in the techniques of percutaneous nephrostolithotomy: a decreasing role for ESWL in the management of staghorn calculi

AUA Annual Meeting, Washington, DC, May 1992

Bioeffects of ESWL

10th World Congress on Endourology & ESWL, Singapore, August, 1992

- Non-EKG gaiting during MFL 5000 ESWL treatments
10th World Congress on Endourology & ESWL, Singapore, August 1992
- Extracorporeal shock wave lithotripsy does not acutely impair renal hemodynamics in solitary kidneys to a greater extent than in one kidney of binephric minipigs
10th World Congress on Endourology & ESWL, Singapore, August 1992
- Indomethacin suppositories v intravenous morphine for the treatment of ureteral colic
10th World Congress on Endourology & ESWL, Singapore, August 1992
- ESWL does not acutely impair renal hemodynamics in solitary kidneys to a greater extent than in one kidney of binephric minipigs
10th Annual Research Symposium, Singapore, August 1992
- Non-EKG gaiting during MFL 5000 ESWL treatments
North Central Section of the AUA Annual Meeting, Dorado, Puerto Rico, October 1992
- Extracorporeal shock wave lithotripsy: multicenter study of kidney and upper ureter versus middle and lower ureter treatments
AUA Annual Meeting, San Antonio, TX, May 1993
- Biocompatibility of injected small intestinal submucosa (SIS) in the urinary system
AUA Annual Meeting, San Antonio, TX, May 1993
- Endopyelotomy for primary UPJ obstruction in the pediatric population
AUA Annual Meeting, San Antonio, TX, May 1993
- Endopyelotomy for ureteropelvic junction stricture: the Methodist Hospital of Indiana experience
AUA Annual Meeting, San Antonio, TX, May 1993
- The management of lower pole nephrolithiasis: meta-analysis
AUA Annual Meeting, San Antonio, TX, May 1993
- Percutaneous nephrostolithotomy for the management of non-staghorn lower pole nephrolithiasis
AUA Annual Meeting, San Antonio, TX, May 1993
- Non-EKG gaiting during MFL 5000 ESWL treatments
AUA Annual Meeting, San Antonio, TX, May 1993
- The management of lower pole nephrolithiasis: meta-analysis
AUA Annual Meeting, San Antonio, TX, May, 1993
- New Challenges in Lithotripsy and endourology: are we making progress?
North Central Section of the AUA Annual Meeting, Milwaukee, WI, September 1993
- Endopyelotomy for primary UPJ obstruction in the pediatric population
11th World Congress on Endourology & ESWL, Florence, Italy, October 1993
- The management of lower pole nephrolithiasis: a critical analysis
11th World Congress on Endourology & ESWL, Florence, Italy, October 1993

- Metabolic evaluation of infected renal lithiasis
11th World Congress on Endourology & ESWL, Florence, Italy, October 1993
- Shock wave lithotripsy: are we making progress?
American Lithotripsy Society Meeting, Chicago, IL, October 1993
- Surgical management of urinary calculi - 1993
Perspectives in Urology, Phoenix, AZ, December 1993
- Extracorporeal shock wave lithotripsy induced perirenal hematomas: long-term follow up
AUA Annual Meeting, San Francisco, CA, May 1994
- Management of cystine staghorn calculi
AUA Annual Meeting, San Francisco, CA, May 1994
- Simultaneous bilateral percutaneous nephrolithotomy
AUA Annual Meeting, San Francisco, CA, May 1994
- Stone analysis: how accurate?
AUA Annual Meeting, San Francisco, CA, May 1994
- Endoureterotomy for total ureteral occlusion
North Central Section of the AUA Annual Meeting, Boca Raton, FL, October 1994
- Endopyelotomy in the adult and pediatric population
North Central Section of the AUA Annual Meeting, Boca Raton, FL, October 1994
- Trends in endourologic management of staghorn calculi
North Central Section of the AUA Annual Meeting, Boca Raton, FL, October, 1994
- Current role of percutaneous cholecystolithotomy
Society for Minimally Invasive Therapy Meeting, Berlin, October 1994
- Research retrospective: a decade of SWL
12th World Congress on Endourology & ESWL, St. Louis, MO, December 1994
- The lower pole stone: what, when, and why?
12th World Congress on Endourology & ESWL, St. Louis, MO, December 1994
- Applications of combined antegrade/retrograde ureteroscopy
12th World Congress on Endourology & ESWL, St. Louis, MO, December 1994
- ESWL for pancreatic duct calculi
12th World Congress on Endourology & ESWL, St. Louis, MO, December 1994
- Laparoscopic retroperitoneal needle suspension urethropexy: results of a new technique
12th World Congress on Endourology & ESWL, St. Louis, MO, December 1994
- Evolving role of percutaneous cholecystolithotomy
AUA Annual Meeting, Las Vegas, NV, April 1995
- Endourologic management of total ureteral occlusion and ureterovaginal fistula

AUA Annual Meeting, Las Vegas, NV, April 1995

Trends in the management of staghorn calculi
AUA Annual Meeting, Las Vegas, NV, April 1995

Laparoscopic complications in markedly obese urology patients
(presented by Dr. David Mendoza)
AUA Annual Meeting, Las Vegas, NV, April 1995

The present state of the art in the management of the staghorn stone
13th World Congress on Endourology & ESWL, Jerusalem, Israel, November 1995

Prospective randomized trial of ESWL and PCNL for lower pole nephrolithiasis
13th World Congress on Endourology & ESWL, Jerusalem, Israel, November 1995

How large does a ureteral stent need to be?
13th World Congress on Endourology & ESWL, Jerusalem, Israel, November 1995

Long-term follow up of pediatric ESWL
13th World Congress on Endourology & ESWL, Jerusalem, Israel, November 1995

Kidney size as a determinant of structural/functional injury following shock wave treatment of pigs
American Acoustical Society, St. Louis, MO, November 1995

Shock wave lithotripsy adversely effects renal hemodynamics and tubular function in contralateral kidneys following SWL treatment
FASEB Meeting, Atlanta, GA, April 1996

Lithotripsy shock wave injury to cultured kidney epithelial cells
AUA Annual Meeting, Orlando, FL, May 1996

Effect of lesion size on renal tubular and hemodynamic response to SWL in the at-risk kidney
AUA Annual Meeting, Orlando, FL, May 1996

Prospective randomized trial of ESWL and PCNL for lower pole nephrolithiasis
AUA Annual Meeting, Orlando, FL, May 1996

Renal injury-induced by clinical doses of shock waves
Acoustical Society of America, Indianapolis, May 1996

Alterations in predicted growth rate of pediatric kidneys treated with ESWL for nephrolithiasis
VIII International Symposium, Dallas, TX, September 1996

Quantitation of SWL cavitation damage *in vitro*
VIII International Symposium, Dallas, TX, September 1996

Simultaneous bilateral percutaneous nephrolithotomy
VIII International Symposium, Dallas, TX, September 1996

Prospective randomized trial of ESWL and PCNL for lower pole nephrolithiasis
VIII International Symposium, Dallas, TX, September 1996

Alterations in predicted growth rates of pediatric kidneys treated with ESWL for nephrolithiasis
North Central Section of the AUA Annual Meeting, Tucson, AZ, October 1996

Prospective randomized trial of ESWL & PCNL for lower pole nephrolithiasis
North Central Section of the AUA Annual Meeting, Tucson, AZ, October 1996

In vivo measurements of lithotripsy shock waves in pigs
14th World Congress on Endourology & ESWL, Melbourne, Australia, November 1996

Prospective randomized trial of ESWL and PCNL for lower pole nephrolithiasis
14th World Congress on Endourology & ESWL, Melbourne, Australia, November 1996

Prospective randomized trial to evaluate patient comfort with regards to size of indwelling stent
AUA Annual Meeting, New Orleans, LA, April 1997

Prospective randomized trial of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy for lower pole nephrolithiasis; initial long-term follow up
AUA Annual Meeting, New Orleans, LA, April 1997

Simultaneous bilateral percutaneous nephrolithotomy (SBPNL)
AUA Annual Meeting, New Orleans, LA, April 1997

Cost analysis of percutaneous nephrostolithotomy and extracorporeal shock wave lithotripsy for the treatment of lower pole nephrolithiasis
(presented by Dr. Stephen Y. Nakada)
AUA Annual Meeting, New Orleans, LA, April 1997

Kidney size as a determinant of shock-wave lithotripsy-induced impairment of renal hemodynamics
AUA Annual Meeting, New Orleans, LA, April 1997

Long-term follow up of pediatric ESWL
AUA Annual Meeting, New Orleans, LA, April 1997

Dose-response relationship between shock wave voltage and renal tubular impairment
AUA Annual Meeting, New Orleans, LA, April 1997

Shock wave lithotripsy induced acute ultrastructural changes in the renal vasculature of the pig
AUA Annual Meeting, New Orleans, LA, April 1997

The metabolic implications of calcium oxalate dihydrate
AUA Annual Meeting, New Orleans, LA, April 1997

Change in regional renal tubular function following shock wave lithotripsy
AUA Annual Meeting, New Orleans, LA, April 1997

How accurately does measurement of 24-hour urine supersaturations predict stone composition
AUA Annual Meeting, New Orleans, LA, April 1997

Quantitation of renal lesion induced by shock wave lithotripsy (SWL) in small v large pig kidneys
AUA Annual Meeting, New Orleans, LA, April 1997

Prospective randomized trial of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy for lower pole nephrolithiasis; initial long-term follow-up
15th World Congress on Endourology & ESWL, Edinburgh, Scotland, September 1997

Strategy for outpatient percutaneous renal surgery
15th World Congress on Endourology & ESWL, Edinburgh, Scotland, September 1997

Prospective randomized trial to evaluate patient tolerance to 4.8 Fr. and 7.0 Fr. ureteral stents
15th World Congress on Endourology & ESWL, Edinburgh, Scotland, September 1997

Simultaneous bilateral percutaneous nephrolithotomy
15th World Congress on Endourology & ESWL, Edinburgh, Scotland, September 1997

Percutaneous nephrolithotomy in the pediatric population
15th World Congress on Endourology & ESWL, Edinburgh, Scotland, September 1997

Antegrade endopyelotomy in the pediatric population
15th World Congress on Endourology & ESWL, Edinburgh, Scotland, September 1997

A urologic outcomes database
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

Prospective randomized trial of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy for lower pole nephrolithiasis: initial long-term follow-up
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

Simultaneous bilateral percutaneous nephrolithotomy (SBPNL)
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

Strategy for outpatient percutaneous renal surgery
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

Primary percutaneous nephrostolithotomy in a pediatric population
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

Antegrade endopyelotomy in a pediatric population
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

Adult endopyelotomy: eleven year experience in 128 consecutive cases
North Central Section of the AUA Annual Meeting, Monterey, CA, September 1997

A urologic outcomes database
Western Section of the AUA Annual Meeting, Salt Lake City, UT, September 1997

A urologic outcomes database
New York Section of the AUA Annual Meeting, Lisbon, Portugal, October 1997

Alterations in predicted growth rates of pediatric kidneys treated with ESWL for nephrolithiasis
North Central Section of the AUA Annual Meeting, Amelia Island, FL, October 1998

Percutaneous operative procedures in horseshoe kidneys

North Central Section of the AUA Annual Meeting, Amelia Island, FL, October 1998

The percutaneous management of calyceal diverticula

North Central Section of the AUA Annual Meeting, Amelia Island, FL, October 1998

A shocking subject: what kind of lithotripter do you need?

North Central Section of the AUA Annual Meeting, Amelia Island, FL, October 1998

Can calcium stone SWL fragility be predicted by spiral CT scan?

AUA Annual Meeting, Dallas, TX, May 1999

Absence of metabolic activity following percutaneous treatment of calyceal diverticular calculi

AUA Annual Meeting, Dallas, TX, May 1999

Lower pole renal anatomy: effects on stone clearance after shock wave lithotripsy in a randomized population

AUA Annual Meeting, Dallas, TX, May 1999

Percutaneous operative procedures in horseshoe kidneys

AUA Annual Meeting, Dallas, TX, May 1999

Spiral CT scan for predicting stone composition: effect of CT collimation

AUA Annual Meeting, Dallas, TX, May 1999

Cost effectiveness of ESWL and PCNL for lower pole nephrolithiasis

North Central Section of the AUA Annual Meeting, Chicago, IL, September 1999

Holmium laser enucleation (HoLEP) vs. open prostatectomy for prostate adenoma ≥ 100 grams: the death of open prostatectomy?

North Central Section of the AUA Annual Meeting, Chicago, IL, September 1999

HoLEP: Holmium laser enucleation of the prostate

North Central Section of the AUA Annual Meeting, Chicago, IL, September 1999

Absence of metabolic activity following percutaneous treatment of calyceal diverticular calculi

17th World Congress on Endourology & ESWL, Rhodes, Greece, September 1999

Lower pole renal anatomy: effects on stone clearance after shock wave lithotripsy in a randomized population

17th World Congress on Endourology & ESWL, Rhodes, Greece, September 1999

Holmium laser enucleation (HoLEP) vs. open prostatectomy for prostate adenoma ≥ 100 grams: the death of open prostatectomy

17th World Congress on Endourology & ESWL, Rhodes, Greece, September 1999

Absence of metabolic activity following percutaneous treatment of calyceal diverticular calculi

Urolithiasis 2000, Capetown, South Africa, February 2000

Unique renal crystal deposit patterns in renal tubular acidosis (RTA) – a preliminary report of a comparative study

AUA Annual Meeting, Atlanta, GA, May 2000

Efficiency of SWL stone fragmentation *in vitro* is improved by slowing the SW delivery rate

AUA Annual Meeting, Atlanta, GA, May 2000

Slowing the shock wave delivery rate improves stone fragmentation: in vitro study using model stones
18th World Congress on Endourology & ESWL, Sao Paulo, Brazil, September 2000

Laparoscopic transverse hemicystectomy with ileocystoplasty in a porcine model
18th World Congress on Endourology & ESWL, Sao Paulo, Brazil, September 2000

Crystal deposit patterns in the kidney: a comparative microscopic analysis of crystals location and composition
in renal tubular acidosis (RTA) and non-RTA patients
18th World Congress on Endourology & ESWL, Sao Paulo, Brazil, September 2000

Towards the ideal renal access: tubeless supracostal punctures
18th World Congress on Endourology & ESWL, Sao Paulo, Brazil, September 2000

Ureteroscopy in pregnancy as a first line intervention for ureteral calculi
18th World Congress on Endourology & ESWL, Sao Paulo, Brazil, September 2000

Shock wave lithotripsy stone fragmentation in vitro is improved by slowing the shock wave delivery rate
North Central Section of the AUA Annual Meeting, Phoenix, AZ, October 2000

Ureteroscopy in pregnancy as a first line intervention for ureteral calculi
North Central Section of the AUA Annual Meeting, Phoenix, AZ, October 2000

Towards the ideal renal access: tubeless supracostal puncture
North Central Section of the AUA Annual Meeting, Phoenix, AZ, October 2000

Contemporary perspectives in endourology and stone disease
North Central Section of the AUA Annual Meeting, Phoenix, AZ, October 2000

Ureteroscopy in pregnancy as a first line intervention for ureteral calculi
AUA Annual Meeting, Anaheim, CA, June 2001

Towards the ideal renal access: tubeless supracostal
AUA Annual Meeting, Anaheim, CA, June 2001

An in vivo test of shock wave rate effect on stone fragmentation in SWL
AUA Annual Meeting, Anaheim, CA, June 2001

Effect of shock wave rate on stone fragmentation in vivo
Acoustical Society of America meeting, Chicago, IL, June 2001

Multi-layered small intestinal submucosa (ML SIS) is inferior to autologous bowel for laparoscopic bladder
augmentation at 12 months follow-up
19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Laparoscopic high intensity focused ultrasound for partial renal ablation
19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Renal nerves mediate renal vasoconstriction caused by shock wave lithotripsy (SWL)
19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Percutaneous stone implantation in the pig kidney: a new animal model for lithotripsy research

19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Slowing the pulse repetition frequency in shock wave lithotripsy (SWL) improves stone fragmentation in vivo
19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Helical CT reveals internal structure of kidney stones when proper windows and levels are used
19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Temporary ureteral drainage stent (TUDS) post uncomplicated ureteroscopy: results from a preliminary phase II clinical trial
19th World Congress on Endourology & ESWL, Bangkok, Thailand, November 2001

Transurethral microwave thermotherapy (TUMT) using the TherMatrx TMX-2000: durability exhibited in a randomized, blinded study comparing TUMT with a sham procedure in patients with benign prostatic hyperplasia (BPH)
North Central Section of the AUA Annual meeting, Chicago, IL, January 2002

Stone fragmentation in SWL is improved by slowing the shock wave rate: studies in an animal model
North Central Section of the AUA Annual meeting, Chicago, IL, January 2002

In-vitro assessment of ultrasonic generator efficiencies
AUA Annual Meeting, Orlando, FL, May 2002

Temporary ureteral drainage stent (TUDS) post uncomplicated ureteroscopy: results from a preliminary phase II clinical trial
AUA Annual Meeting, Orlando, FL, May 2002

The new Swiss lithoclast master: in-vitro assessment of setting efficiencies
AUA Annual Meeting, Orlando, FL, May 2002

Laparoscopic partial kidney ablation with high intensity focused ultrasound
AUA Annual Meeting, Orlando, FL, May 2002

High resolution visualization of internal structure in renal calculi by helical CT
AUA Annual Meeting, Orlando, FL, May 2002

Holmium laser enucleation of the prostate: morbidity in a series of 193 patients
AUA Annual Meeting, Orlando, FL, May 2002

Calibration of helical computed tomography for analysis of kidney stone structure: comparison with ultra-high resolution CT
AUA Annual Meeting, Orlando, FL, May 2002

In vivo detection of cavitation in parenchyma of the pig kidney during shock wave lithotripsy
AUA Annual Meeting, Orlando, FL, May 2002

Respiratory motion reduces in vitro stone fragmentation in a Storz Modulith SLX lithotripter
AUA Annual Meeting, Orlando, FL, May 2002

Threshold for prevention of SWL-induced hemorrhagic renal injury by application of low energy shock wave (12kV) to one renal pole prior to application of high energy shock wave (24kv) to the other pole
AUA Annual Meeting, Orlando, FL, May 2002

- The versacut morcellator: an in-vitro analysis of setting efficiency
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- In-vitro use of the Duotome 550 Micron Ho:YAG fiber: a comparison of setting effectiveness
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- Comparison of multi-detector helical computed tomography with ultra-high resolution CT in the analysis of kidney stone structure
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- The Swiss lithoclast ultra: in-vitro assessment of setting efficiencies
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- In-vitro assessment of ultrasonic lithotripter generator efficiencies
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- In-vivo use of a bipolar needle electrode device to facilitate laparoscopic partial nephrectomy: result from an animal model
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- Lower Pole II: initial results from a comparison of extracorporeal shock wave lithotripsy, ureteroscopy, and percutaneous nephrostolithotomy for lower pole nephrolithiasis
20th World Congress on Endourology & ESWL, Genoa, Italy, September 2002
- Crystal localization and osteopontin immuno-staining in genetic hypercalciuric stone forming rats
AUA Annual Meeting, Chicago, IL, April 2003
- A comparison of Randall's plaque characteristics in patients with idiopathic calcium oxalate renal stones, those with ileal bypass, and normal controls
AUA Annual Meeting, Chicago, IL, April 2003
- Lower Pole II: initial results from a comparison of shock wave lithotripsy (SWL), ureteroscopy (URS), and percutaneous nephrostolithotomy (PNL) for lower pole nephrolithiasis
AUA Annual Meeting, Chicago, IL, April 2003
- Unique renal crystal deposits begin in basement membrane of thin loops of henle of patients with calcium oxalate nephrolithiasis
AUA Annual Meeting, Chicago, IL, April 2003
- Using and choosing a nephrostomy tube after percutaneous nephrolithotomy for large or complex stone disease: a treatment strategy
AUA Annual Meeting, Chicago, IL, April 2003
- Holmium laser enucleation of the prostate (HoLEP): the Methodist Hospital experience with >75 gram enucleations
AUA Annual Meeting, Chicago, IL, April 2003
- Non-destructive analysis of urinary stones using micro CT: calibration with infrared spectroscopy
AUA Annual Meeting, Chicago, IL, April 2003

- Endoscopic renal papillary biopsies: a novel technique of tissue retrieval for histologic studies in nephrolithiasis patients
AUA Annual Meeting, Chicago, IL, April 2003
- Voltage-stepping during SWL influences stone breakage independent of total energy delivered: in vitro studies with model stones
AUA Annual Meeting, Chicago, IL, April 2003
- Prefocal alignment improves litho stone comminution in vitro
AUA Annual Meeting, Chicago, IL, April 2003
- Laparoscopic assisted percutaneous nephrolithotomy: best done tubeless?
AUA Annual Meeting, Chicago, IL, April 2003
- Dual-pulse litho accelerates stone comminution in vitro
AUA Annual Meeting, Chicago, IL, April 2003
- Transurethral microwave thermotherapy (TUMT) using the Thermatrix TMX-2000
(presented by Dr. David Albala)
AUA Annual Meeting, Chicago, IL, April 2003
- Nephrostomy tube (NT) selection after percutaneous nephrolithotomy (PNL) for large or complex stone disease
North Central Section of the AUA Annual Meeting, Vancouver, Canada, September 2003
- Randall's plaque: patterns of crystal deposition in the papillae of nephrolithiasis patients
North Central Section of the AUA Annual Meeting, Vancouver, Canada, September 2003
- Holmium laser enucleation of the prostate (HoLEP): our experience with >75 gram enucleations
North Central Section of the AUA Annual Meeting, Vancouver, Canada, September 2003
- Combined use of holmium laser enucleation of prostate (HoLEP) with endourologic upper tract stone procedures
North Central Section of the AUA Annual Meeting, Vancouver, Canada, September 2003
- Urine calcium and volume predict coverage of renal papilla by Randall's plaque
North Central Section of the AUA Annual Meeting, Vancouver, Canada, September 2003
- Endoscopic renal papillary biopsies: a tissue retrieval technique for histologic studies in nephrolithiasis patients
21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003
- Urine calcium and volume predict coverage of renal papilla by Randall's plaque
21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003
- A randomized clinical trial of ESWL and ureteroscopy for lower pole stones less than 10mm
21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003
- A randomized clinical trial of ureteroscopy and percutaneous nephrolithotomy for lower pole stones between 11 and 25mm
21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003
- Assessing stone composition and fragility

21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003

Combined use of holmium laser enucleation of prostate (HoLEP) with endourologic upper tract stone procedures

21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003

Cystine calculi: radiographic characterization of rough vs. smooth calculi using micro-computed tomography

21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003

Using and choosing a nephrostomy tube after percutaneous nephrolithotomy for large or complex stone disease: a treatment strategy

21st World Congress on Endourology & ESWL, Montreal, Canada, September 2003

Same-pole application of low- and high-energy shock waves protects kidney from SWL-induced tissue injury
AUA Annual Meeting, San Francisco, CA, May 2004

Shock wave lithotripsy of stones implanted in the proximal ureter of the pig

AUA Annual Meeting, San Francisco, CA, May 2004

Mineral composition alone does not determine stone fragility in SWL

AUA Annual Meeting, San Francisco, CA, May 2004

Stone formation and crystal deposition in hyperoxaluric rats

AUA Annual Meeting, San Francisco, CA, May 2004

Stone events are proportional to papillary plaque coverages

AUA Annual Meeting, San Francisco, CA, May 2004

Apatite deposits in collecting duct lumens produce epithelial cell injury and interstitial inflammation in patients forming brushite stones

AUA Annual Meeting, San Francisco, CA, May 2004

Calcium phosphate stones: do hydroxyapatite and brushite represent different diseases

AUA Annual Meeting, San Francisco, CA, May 2004

Ureteroscopic management of lower pole stones is very sensitive to stone burden: preliminary results from a randomized clinical trial

AUA Annual Meeting, San Francisco, CA, May 2004

Percutaneous nephrolithotomy (PNL) for calyceal diverticular calculi: a novel approach

AUA Annual Meeting, San Francisco, CA, May 2004

Cystine calculi: radiographic differentiation of rough versus smooth calculi using helical computed tomography (CT)

AUA Annual Meeting, San Francisco, CA, May 2004

Stone internal structure is visible in patients by helical CT

AUA Annual Meeting, San Francisco, CA, May 2004

Drawing restricted regions of interest allows for correct identification of stone composition using helical computed tomography (CT)

AUA Annual Meeting, San Francisco, CA, May 2004

Percutaneous access produces prolonged tubular dysfunction in a porcine model
AUA Annual Meeting, San Francisco, CA, May, 2004

Importance of pulse synchrony to stone comminution in dual-pulse lithotripsy: independent characterization of the Direx Duet dual-pulse lithotripter
AUA Annual Meeting, San Francisco, CA, May, 2004

Application of vibro-acoustography to track stone motion and assess stone breakage in SWL
AUA Annual Meeting, San Francisco, CA, May 2004

Brushite nephrolithiasis: a new kidney disease
North Central Section of the AUA Annual Meeting, Bal Harbour, FL, October 2004

Calcium phosphate (CaP) nephrolithiasis: increasing incidence over 30 years
North Central Section of the AUA Annual Meeting, Bal Harbour, FL, October 2004

Increased number of ESWL treatments in calcium phosphate versus calcium oxalate stone formers: cause or effect?
North Central Section of the AUA Annual Meeting, Bal Harbour, FL, October 2004

Tubeless upper pole access for percutaneous nephrolithotomy
North Central Section of the AUA Annual Meeting, Bal Harbour, FL, October 2004

The effect of cystine stone internal structure on fragility in shock wave lithotripsy (SWL) in vitro
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Calyceal diverticular calculus: is the etiology metabolic or anatomic?
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

PSA as a marker for completeness of BPH therapy
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Tubeless upper pole access for percutaneous nephrolithotomy
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Holmium laser enucleation of the prostate (HoLEP) for extremely large adenomas
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Holmium laser enucleation of the prostate in patients with urinary retention
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Holmium laser enucleation of the prostate: a comparison of efficiency measures at two institutions
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Retroperitoneoscopic access through Petit's triangle: can you predict success?
22nd World Congress on Endourology & ESWL, Mumbai, India, November 2004

Transurethral microwave thermotherapy (TUMT) using the Thermatrx TMX-2000: long-term results in a study comparing TUMT with a sham procedure in patients with benign prostatic hyperplasia (BPH) (presented by Dr. David Albala)

AUA Annual Meeting, San Antonio, TX, May 2005

Holmium laser enucleation of the prostate: the effect of a minimally invasive treatment modality on serum prostate specific antigen

AUA Annual Meeting, San Antonio, TX, May 2005

Holmium laser enucleation of the prostate (HoLEP) for men with urinary retention

AUA Annual Meeting, San Antonio, TX, May 2005

A prospective randomized clinical trial comparing levels of symptoms and discomfort associated with two investigational and two currently marketed ureteral stents.

AUA Annual Meeting, San Antonio, TX, May 2005

Tubeless upper pole access for percutaneous nephrolithotomy

AUA Annual Meeting, San Antonio, TX, May 2005

Apatite plaque particles in inner medulla of kidneys of calcium oxalate stone formers: ultrastructure and osteopontin localization

AUA Annual Meeting, San Antonio, TX, May 2005

The changing composition of renal calculi in patients with neurogenic bladder

AUA Annual Meeting, San Antonio, TX, May 2005

In vitro assessment of the Cyberwand intracorporeal lithotripter

AUA Annual Meeting, San Antonio, TX, May 2005

Micro CT of calculi collected from renal papillae shows complex mineral deposition early in stone formation

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

Protein content in calcium oxalate monohydrate (COM) stones: variability and correlation with stone microstructure

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

Holmium laser enucleation of the prostate (HoLEP) for prostates >125cc

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

Percutaneous nephrolithotomy is safe in elderly patients

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

In vitro assessment of the Cyberwand intracorporeal lithotripter

23rd World Congress on Endourology & ESWL, Amsterdam, The Netherlands, August 2005

Percutaneous nephrolithotomy in patients with myelomeningocele

North Central Section of the AUA Annual Meeting, Chicago, IL, September 2005

Stone burden impact on ureteroscopic outcomes for lower pole stones: results from a randomized trial

North Central Section of the AUA Annual Meeting, Chicago, IL, September 2005

Calyceal diverticular calculi: metabolic or anatomic etiology?

North Central Section of the AUA Annual Meeting, Chicago, IL, September 2005

- Percutaneous nephrolithotomy is safe in elderly patients
North Central Section of the AUA Annual Meeting, Chicago, IL, September 2005
- Holmium laser enucleation of the prostate (HoLEP) for men with urinary retention
North Central Section of the AUA Annual Meeting, Chicago, IL, September 2005
- The value of intraoperative stone culture in the management of patients undergoing PNL
AUA Annual Meeting, Atlanta, GA, May 2006
- Mapping the precise orientation of attached stones on the renal papilla: the role of Randall's plaque
AUA Annual Meeting, Atlanta, GA, May 2006
- Holmium laser enucleation of the prostate: effect on prostate volume
AUA Annual Meeting, Atlanta, GA, May 2006
- Renal crystal deposits and histopathology in patients with cystine stones
AUA Annual Meeting, Atlanta, GA, May 2006
- Calyceal diverticular calculi: metabolic or anatomic etiology?
AUA Annual Meeting, Atlanta, GA, May 2006
- Minimal tissue injury and effective stone breakage in the pig model using the Eisenmenger broad focal zone, low pressure lithotripter
AUA Annual Meeting, Atlanta, GA, May 2006
- Demonstration of the potential for cavitation-mediated tissue damage in shockwave lithotripsy
AUA Annual Meeting, Atlanta, GA, May 2006
- The effect of shockwave lithotripsy on regional renal perfusion
AUA Annual Meeting, Atlanta, GA, May 2006
- The safety of ketorolac following percutaneous nephrolithotomy
24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006
- Calcium oxalate stones are frequently attached to Randall's plaque
24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006
- The presence of horseshoe kidney does not affect the outcome of percutaneous nephrolithotomy (PNL)
24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006
- Holmium laser enucleation of the prostate (HoLEP) as "salvage" therapy following prior BPH intervention
24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006
- Age does not influence outcomes following holmium laser enucleation of the prostate (HoLEP)
24th World Congress on Endourology & ESWL, Cleveland, OH, August 2006
- Holmium laser enucleation of the prostate (HoLEP) as palliative treatment for men with bladder outlet obstruction (BOO) due to prostate cancer
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

The value of intraoperative stone culture in the management of patients undergoing percutaneous nephrolithotomy (PNL)
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

The presence of horseshoe kidney does not affect the outcome of percutaneous nephrolithotomy (PNL)
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

The safety of Ketorolac following percutaneous nephrolithotomy (PNL)
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

Age does not influence outcomes following holmium laser enucleation of the prostate (HoLEP)
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

PSA change following holmium laser enucleation of the prostate (HoLEP): a comparison of benign and malignant disease
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

Holmium laser enucleation of the prostate as "salvage" therapy following prior BPH intervention
North Central Section of the AUA Annual Meeting, Coronado, CA, September 2006

A new world revealed: digital ureteroscopy to investigate the early stages of calcium oxalate nephrolithiasis
AUA Annual Meeting, Anaheim, CA, May 2007

Acute changes in renal glomerular function following PCNL in patients
AUA Annual Meeting, Anaheim, CA, May 2007

Reducing shock wave rate decreases renal lesion size and acute functional decline in a SWL kidney model
AUA Annual Meeting, Anaheim, CA, May 2007

The safety of Ketorolac following percutaneous nephrolithotomy (PNL)
AUA Annual Meeting, Anaheim, CA, May 2007

The presence of horseshoe kidney does not affect the outcome of percutaneous nephrolithotomy (PNL)
AUA Annual Meeting, Anaheim, CA, May 2007

Nephrocalcinosis: do radiographs underestimate calyceal stone burden?
AUA Annual Meeting, Anaheim, CA, May 2007

A randomized controlled trial comparing a novel intracorporeal lithotripsy device, the Cyberwand, to ultrasonic lithotripsy during percutaneous stone removal
AUA Annual Meeting, Anaheim, CA, May 2007

Unilateral PCNL alters bilateral renal function
AUA Annual Meeting, Anaheim, CA, May 2007

Holmium laser enucleation of the prostate: outcomes are independent of prostate size
AUA Annual Meeting, Anaheim, CA, May 2007

Internal stone structure viewed by computed tomography (CT) in vitro predicts lithotripsy fragility for calcium oxalate monohydrate (COM) calculi

AUA Annual Meeting, Anaheim, CA, May 2007

Visiting Professorships:

Ohio State University/Riverside Hospital, Columbus, Ohio, March 1984

Annual Resident's Day Competition and Michigan Chapter of the American College of Surgeons, Detroit, Michigan, May 1985

William Beaumont Hospital, Detroit, MI, October 1988

University of CT, Farmington, CT, May 1989 (Hepburn-Spillane lecturer)

Marshfield Clinic, Marshfield, WI, February 1992

Long Island Jewish Medical Center, New Hyde Park, NY, March 1992

Southern Illinois University School of Medicine, Springfield, IL, November 1993

Vail Urology Conference, Vail, CO, March 1994

Medical College of Ohio, Toledo, OH, April 1994

Tel Aviv Medical School, Tel Aviv, Israel, May 25-31, 1994

Urology: State-of-the Art, NYU Medical Center, New York, NY, December 1994

Mexican College of Urology, Guadalajara, Mexico, February 1995

Southern Illinois University School of Medicine, Springfield, IL, November 1995

George Washington University, Bethesda Naval Hospital, Washington Hospital Center, Walter Reed Hospital in Washington DC, January 1996

Mexican College of Urology, Guadalajara, Mexico, February 1996

Indiana University School of Medicine, Department of Nephrology, Indianapolis, IN, October 1996

University of North Carolina at Chapel Hill, November 1996

Naval Medical Center, Department of Urology, Portsmouth, VA, October 1997

The University of Utah, Division of Urology, Salt Lake City, UT, February 1999

UCLA School of Medicine, Los Angeles, CA, April 1999

The University of British Columbia, Department of Surgery, Division of Urology, Richmond, British Columbia, January 2000

Long Island Jewish Medical Center, New Hyde Park, NY, March 2000

Mexican Urology/Endourology/Litho Seminar, Culiacan, Mexico, February 2001

Mayo Clinic, Rochester, Minnesota, November 2001

State University of New York, Stony Brook, New York, October 2002

UCLA State-of-the-Art Urology, Marina del Rey, California, February 2003

University of Illinois--Chicago, Chicago, Illinois, March 2003

University of Buffalo, Buffalo, NY, September 2006

Lahey Clinic, Burlington, MA, June 2007

Courses Directed:

Annual Endourology Basic Research Symposium, 1985-present

Symposium on ESWL and Current Management of Urinary Calculi
Kuala Lumpur, Malaysia, May 1988

Seminar in Endourology & ESWL
Brno, Czechoslovakia, November 1992

Endourology Workshop
Bangkok, Thailand, September 1994

Urology Update for Primary Care Physician: 1994
Indianapolis, IN, December 1994

Endourology and Uroradiology
Singapore, March 1996

Endourology Workshop using the Holmium:YAG laser
Indianapolis, IN, July 17, 1996

How to deal with difficult staghorn calculus
14th World Congress on Endourology & ESWL, Melbourne, Australia, November, 1996

Videos

Upper pole (supracostal) access for nephrostolithotomy
13th World Congress on Endourology & ESWL, Jerusalem, Israel, November 1995

Percutaneous access for nephrostolithotomy
13th World Congress on Endourology & ESWL, Jerusalem, Israel, November 1995

Upper pole (supracostal) access for nephrostolithotomy
AUA Annual Meeting, Orlando, FL, May 1996

Holmium laser enucleation (HoLEP) vs. open prostatectomy for prostate adenoma ≥ 100 grams: the death of open prostatectomy

17th World Congress on Endourology & ESWL, Rhodes, Greece, September 1999

HoLEP: Holmium laser enucleation of the prostate

North Central Section of the AUA Annual Meeting, Chicago, IL, September 1999

Holmium laser enucleation of the prostate: the TURP for the 21st century

Western Section of the AUA Annual Meeting, Monterey, CA, September 1999

Holmium laser enucleation of the prostate: TURP for the 21st century

AUA Annual Meeting, Atlanta, GA, May 2000

Laparoscopic live donor nephrectomy: harmonic scalpel based technique

18th World Congress on Endourology & ESWL, Sao Paulo, Brazil, September 2000

Holmium laser enucleation of the prostate (HoLEP): a minimally invasive alternative to open simple prostatectomy

AUA Annual Meeting, Chicago, IL, April 2003

Percutaneous access to the kidney

AUA Annual Meeting, San Antonio, TX, May, 2005

Holmium laser enucleation of the prostate (HoLEP) following failed laser ablation of the prostate for the treatment of benign prostatic hyperplasia (BPH)

AUA Annual Meeting, Anaheim, CA, May 2007

Modified ureterosigmoidostomy (Mainz Pouch II): a pure laparoscopic approach

AUA Annual Meeting, Anaheim, CA, May 2007