

**CURRICULUM VITAE
SAMUEL CHAN KIM, M.D.**

PERSONAL DATA

CURRENT POSITION: Volunteer Clinical Assistant Professor
Indiana University School of Medicine
Department of Urology

WORKING ADDRESS: 2525 West University Avenue, Suite 504
Muncie, Indiana 47303
765-289-7444

EDUCATION

Northwestern University 1989-1992
Evanston, Illinois
Honors Program in Medical Education
Bachelor of Arts in Chemistry with a Biochemistry Emphasis

Northwestern University Medical School, 1992-1996
Chicago, Illinois
Doctor of Medicine

MEDICAL TRAINING

McGaw Medical Center of Northwestern University 1996-1998
Chicago, Illinois
Intern and Resident in General Surgery

McGaw Medical Center of Northwestern University 1998-2002
Chicago, Illinois
Resident in Urology

**Methodist Hospital Institute for Kidney Stone Disease
and Indiana University School of Medicine** 2002-2004
Indianapolis, Indiana
Fellow, Endourology and Laparoscopy

CERTIFICATION EXAMS

USMLE Step 1 June 1994
USMLE Step 2 March 1996
USMLE Step 3 December 1997
The American Board of Urology Qualifying Examination June 2002
The American Board of Urology Oral Qualifying Examination February 2006

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HONORS

American Foundation of Urologic Disease Research Scholar 2002-2004
Project: "The Structural Basis of Kidney Stone Fragility to Lithotripter Shock Waves"

RESIDENCY

1. Resident Teacher Award
2. Third Prize, 1999 Irving Shapiro Resident X-ray Competition of the Chicago Urological Society

UNDERGRADUATE

1. Phi Beta Kappa Honor Society
2. Alpha Lambda Delta Honor Society
3. Kappa Alpha Pi Honor Society

RESEARCH

AFUD Research Scholar 2002-2004
Supervised by James E. Lingeman, M.D., James Williams, Jr, Ph.D.,
and James McAteer, Ph.D.
Methodist Hospital Institute for Kidney Stone Disease
and Indiana University School of Medicine

Urology Research Resident 1999-2000
Supervised by Chung Lee, Ph.D.

GRANTS

Research Fellow, NIH Program Project Grant 2002-2004
(Andrew P. Evan, Ph.D.-Principal Investigator; James E. Lingeman, M.D., James Williams, Jr,
Ph.D., and James McAteer, Ph.D.-Co-investigators)

Clarian Values Fund 2005-2007
"Nephrolithiasis in Bariatric Surgery"

PUBLICATIONS

1. **Kim SC**, Adams S, and Hendel R. Role of nuclear cardiology in the evaluation of acute coronary syndromes. *Annals of Emergency Medicine*. 1997 August 1; 30(2) 210-218.
2. **Kim SC**, Weiser AC, and Nadler RB. Resection of a posterior pubic symphyseal protuberance using the electrocautery device. *Urology*. 2000 Apr;55(4):586-5877.
3. **Kim SC**, Weiser AC, and Nadler RB. Nephroenteric fistula treated with fulguration of the fistulous tract. *J Endourol*. 2000 Jun;14(5):443-445.
4. **Kim SC**: A 21 year old woman with left flank pain. In: *Urology Pearls*, eds. Resnick, MI and Schaeffer, AJ, Hanley and Belfus, Inc., Philadelphia, PA, 2000.
5. Batler RA, **Kim SC**, and Nadler RB. Bladder endometriosis: pertinent clinical images. *Urology*. 2001 Apr;57(4):798-799.

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6. **Kim SC** and Nadler RB. ESWL: Quo Vadis? AUA Update Series 2001; 20(17):130-135.
7. Rubenstein JN, Parsons WG, **Kim SC**, Weiser AC, Loor MM, Kube DS, Nadler RB. Extracorporeal shock wave lithotripsy of pancreatic duct stones using the Healthtronics LithoTron lithotripter and the Dornier HM3 lithotripsy machine. J Urol. 2002 Feb;167(2 Pt 1):485-487.
8. Nadler RB, Rubenstein JN, **Kim SC**, Weiser AC, Lohr MN, Vogelzang RL, Parsons WG. Percutaneous hepatolithotomy: the Northwestern University experience. J Endourol. 2002 Jun;16(5):293-297.
9. **Kim SC**, Kuo RL, and Lingeman JE. Percutaneous nephrolithotomy: an update. Curr Opin Urol. 2003 May; 13(3):235-241.
10. Rubenstein JN, Maizels M, **Kim SC**, Houston JT. The PIC cystogram: a novel approach to identify "occult" vesicoureteral reflux in children with febrile urinary tract infections. J Urol. 2003 June; 169(6):2339-43.
11. Kuo RL, **Kim SC**, Lingeman JE, Paterson RF, Watkins SL, Simmons GR, and Steele RE. Holmium laser enucleation of the prostate (HoLEP): the Methodist Hospital experience with greater than 75 gram enucleations. J Urol 2003 July; 170(1):149-152.
12. Kuo RL, Paterson RF, **Kim SC**, Siqueira TM, Elhilali MM, and Lingeman JE. Holmium laser enucleation of the prostate (HoLEP): a technical update. World Journal of Surgical Oncology 2003 June; 1(1):6. Epub 2003 June 6.
13. Nadler RB, **Kim SC**, Rubenstein JN, Yap RL, Campbell SC, User HM. Laparoscopic renal cryosurgery: the Northwestern experience. J Urol. 2003 Oct; 170(4 Pt 1): 1121-5.
14. Lingeman JE, **Kim SC**, Kuo RL, McAteer JA, and Evan AP. Shockwave lithotripsy: anecdotes and insights. J Endourol. 2003 Nov; 17(9):687-693.
15. Kuo RL, Lingeman JE, Evan AP, Paterson RF, Bledsoe SB, **Kim SC**, Munch LC, and Coe FL. Endoscopic renal papillary biopsies: a tissue retrieval technique for histologic studies in nephrolithiasis patients. J Urol 2003 Dec; 170(6 Pt 1):2186-2189.
16. **Kim SC**, Kuo RL, Paterson RF, and Lingeman JE. Urologic aspects of nephrolithiasis management. Favus MJ, et al. (eds.): *Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism*. Washington, DC, American Society of Bone and Mineral Research, Chapter 87, pgs 522-526, 2003.
17. Nadler RB, Thaxton CS, and **Kim SC**. Hand-assisted laparoscopic pyeloplasty and isthmectomy in a patient with a horseshoe kidney. J Endourol 2003 Dec;17(10):909-910.
18. Jain PM, Goharian N, Weiser AC, User HM, Kimm S, **Kim SC**, Stern JA, Pazona J, Wambi C, Yap R, Blunt LW, Nadler RB. Efficacy and safety of the Healthtronics LithoTron Lithotripter. J Endourol 2004 Feb;18(1):1-5.
19. Zarse CA, McAteer JA, Tann M, Sommer AJ, **Kim SC**, Paterson RF, Hatt EK, Lingeman JE, Evan AP, Williams JC Jr. Helical computed tomography accurately reports urinary stone composition using attenuation values: in vitro verification using high-resolution micro-computed tomography calibrated to fourier transform infrared microspectroscopy. Urology. 2004 May;63(5):828-33.

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20. **Kim SC** and Lingeman JE: Holmium laser enucleation of the prostate: methods and outcomes. *Current Prostate Reports* 2004;2:171-178.
21. **Kim SC**, Tinmouth WW, Kuo RL, Paterson RF, and Lingeman JE. Simultaneous holmium laser enucleation of prostate and upper-tract endourologic stone procedures. *J Endourol* 2004 Dec;18(10):971-975.
22. Williams JC Jr, **Kim SC**, Zarse CA, McAteer JA, and Lingeman JE. Progress in the use of helical CT for imaging urinary calculi. *J Endourol.* 2004 Dec;18(10):937-41.
23. Zarse CA, McAteer JA, Sommer AJ, **Kim SC**, Hatt EK, Lingeman JE, Evan AP, Williams JC Jr. Nondestructive analysis of urinary calculi using micro computed tomography. *BMC Urol.* 2004 Dec 13;4(1):15.
24. **Kim SC**, Coe FL, Tinmouth WW, Kuo RL, Paterson RF, Parks JH, Munch LC, Evan AE, and Lingeman JE. Stone formation is proportional to papillary surface coverage by Randall's plaque. *J Urol.* 2005 Jan;173(1):117-9.
25. Eggener S, **Kim SC**, User HM, Pazona J, Nadler RB. Urolithiasis associated with topiramate. *Int Braz J Urol.* 2004 Jan-Feb;30(1):29-30
26. Evan AP, Lingeman JE, Coe FL, Shao Y, Parks JH, Bledsoe SB, Phillips CL, Bonsib S, Worcester EM, Sommer AJ, **Kim SC**, Tinmouth WW, Grynepas M. Crystal-associated nephropathy in patients with brushite nephrolithiasis. *Kidney Int.* 2005 Feb;67(2):576-91.
27. Kuo RL, Paterson RF, Siqueira T, **Kim SC**, and Lingeman JE. High-powered holmium-laser ablation: comparison of setting effectiveness using tissue-surrogate model. *J Endourol.* 2005 Mar;19(2):239-241.
28. Jang TL, Wang R, **Kim SC**, Troe T, Pins MR, Nadler RB. Histopathology of human renal tumors after laparoscopic renal cryosurgery. *J Urol.* 2005 Mar;173(3):720-4.
29. **Kim SC**, Kuo RL, Tinmouth WW, Watkins S and Lingeman JE. Percutaneous nephrolithotomy for caliceal diverticular calculi: a novel single stage approach. *J Urol.* 2005 Apr;173(4):1194-8.
30. Paterson RF, **Kim SC**, Kuo RL, Lingeman JE, Evan AP, Connors BA, Williams JC, McAteer JA. Shock wave lithotripsy of stones implanted in the proximal ureter of the pig. *J Urol.* 2005 Apr;173(4):1391-4.
31. **Kim SC**, Tinmouth WW, Kuo RL, Paterson RF, and Lingeman JE. Using and choosing a nephrostomy tube after percutaneous nephrolithotomy for large or complex stone disease: a treatment strategy. *J Endourol* 2005 Apr;19(3):348-352.
32. **Kim SC**, Matlaga BR, Kuo RL, Watkins SL, Kennett KM, Gilling PJ, and Lingeman JE. Holmium laser enucleation of the prostate; a comparison of efficiency measures at two institutions. *J Endourology* 2005 July;19(5):555-558.
33. Peterson MD, Matlaga BR, **Kim SC**, Kuo RL, Soergel TM, Watkins SL, and Lingeman JE. Holmium laser enucleation of the prostate for men with urinary retention. *J Urol* 2005 September;174:998-1001.
34. **Kim SC**, Hatt EK, Lingeman JE, Nadler RB, McAteer JA, and Williams JC, Jr. Cystine: helical computerized tomography characterization of rough and smooth calculi in vitro. *J Urol* 2005 October;174:1468-1471.

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35. Matlaga BR, **Kim SC**, Kuo RL, Watkins SL, and Lingeman JE. Holmium laser enucleation of the prostate for prostates >125ml. *BJU International* 2005 November: 97:81-84.
36. **Kim SC**, Ng JC, Matlaga BR, Lifshitz DA, and Lingeman JE: Use of lower pole nephrostomy drainage following endorenal surgery through an upper pole access. *J Urol* 2006, Feb:175:580-584.
37. Matlaga BR, **Kim SC**, Watkins SL, Kuo RL, Munch LC, and Lingeman JE. Percutaneous nephrolithotomy for ectopic kidneys: over, around, or through. *Urology* 2006 March: 67(3):513-517.
38. **Kim SC** and Lingeman JE. Percutaneous access to the urinary tract. In: *Advanced Endourology*, eds. Pearle MS and Nakada SY. Submitted July 2004.
39. Matlaga BR, **Kim SC**, and Lingeman JE. Improving outcomes of percutaneous nephrolithotomy – access. In press: *EAU Update Series*.

PRESENTATIONS AND POSTERS

1. Efficacy and safety of the HealthTronics LithoTron lithotripter. Chicago Urological Society, January 5, 2000.
2. The changing incidence of high grade prostatic intraepithelial neoplasia: clinical implications. Annual Meeting of the American Urological Association, Atlanta, GA, May, 2000.
3. Laparoscopic renal cryosurgery: the Northwestern University experience. 18th World Congress on Endourology and SWL, Sao Paulo, Brazil, September, 2000.
4. Efficacy and safety of the Healthtronics LithoTron lithotripter. 18th World Congress on Endourology and SWL, Sao Paulo, Brazil, September, 2000.
5. Percutaneous laser lithotripsy of intra-hepatic stones: the Northwestern University experience. 18th World Congress on Endourology and SWL, Sao Paulo, Brazil, September, 2000.
6. Extended use of the Healthtronics LithoTron lithotripter: pancreatic shock wave lithotripsy. 18th World Congress on Endourology and SWL, Sao Paulo, Brazil, September, 2000.
7. Urolithiasis associated with topiramate. 20th World Congress on Endourology and SWL, Genoa, Italy, September, 2002.
8. Pathologic follow-up of laparoscopic renal cryosurgery. 20th World Congress on Endourology and SWL, Genoa, Italy, September, 2002.
9. Laparoscopic assisted percutaneous nephrolithotomy: best done tubeless? Annual Meeting of the American Urological Association, Chicago, IL, April, 2003.

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10. Using and choosing a nephrostomy tube after percutaneous nephrolithotomy for large or complex stone disease: a treatment strategy. Annual Meeting of the American Urological Association, Chicago, IL, April, 2003.
11. Nephrostomy tube (NT) selection after percutaneous nephrolithotomy (PNL) for large or complex stone disease. Annual Meeting of the North Central Section of the American Urological Association, Vancouver, British Columbia, September, 2003.
12. Combined use of holmium laser enucleation of the prostate (HoLEP) with endourologic upper tract stone procedures. Annual Meeting of the North Central Section of the American Urological Association, Vancouver, British Columbia, September, 2003.
13. Holmium laser enucleation of the prostate (HoLEP): our experience with >75 gram enucleations. Annual Meeting of the North Central Section of the American Urological Association, Vancouver, British Columbia, September, 2003.
14. Stone events are proportional to papillary plaque coverages. Annual Meeting of the American Urological Association, San Francisco, CA, May 2004.
15. Percutaneous nephrolithotomy (PNL) for calyceal diverticular calculi: a novel approach. Annual Meeting of the American Urological Association, San Francisco, CA, May 2004.
16. Cystine calculi: radiographic differentiation of rough versus smooth calculi using helical computed tomography (CT). Annual Meeting of the American Urological Association, San Francisco, CA, May 2004.
17. Stone internal structure is visible in patients by helical CT. Annual Meeting of the American Urological Association, San Francisco, CA, May 2004.
18. Drawing restricted regions of interest allows for correct identification of stone composition using helical computed tomography (CT). Annual Meeting of the American Urological Association, San Francisco, CA, May 2004.
19. Brushite nephrolithiasis: a new kidney disease. North Central Section of the American Urological Association Annual Meeting, Bal Harbour, FL, October 2004.
20. Calcium phosphate (CaP) nephrolithiasis: increasing incidence over 30 years. North Central Section of the American Urological Association Annual Meeting, Bal Harbour, FL, October 2004.
21. Increased number of ESWL treatments in calcium phosphate versus calcium oxalate stone formers: cause or effect? North Central Section of the American Urological Association Annual Meeting, Bal Harbour, FL, October 2004.
22. Tubeless upper pole access for percutaneous nephrolithotomy. North Central Section of the American Urological Association Annual Meeting, Bal Harbour, FL, October 2004.
23. The effect of cystine stone internal stone structure on fragility in shock wave lithotripsy (ESWL) in vitro. 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.
24. Calyceal diverticular calculus: is the etiology metabolic or anatomic? 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.

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25. PSA as a marker of completeness of BPH therapy. 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.
26. Tubeless upper pole access for percutaneous nephrolithotomy. 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.
27. Holmium laser enucleation of the prostate (HoLEP) for extremely large adenomas. 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.
28. Holmium laser enucleation of the prostate: a comparison of efficiency measures at two institutions. 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.
29. Retroperitoneoscopic access through Petit's triangle: can you predict success? 22nd World Congress on Endourology and ESWL, Mumbai, India, November, 2004.
30. In vitro assessment of the Cyberwand intracorporeal lithriptor. Annual Meeting of the American Urological Association, Atlanta, GA, May 2005.
31. Holmium laser enucleation of the prostate: the effect of a minimally invasive treatment modality on serum prostate specific antigen. Annual Meeting of the American Urological Association, Atlanta, GA, May 2005.
32. Holmium prostate enucleation of the prostate for men in urinary retention. Annual Meeting of the American Urological Association, Atlanta, GA, May 2005.
33. The changing composition of renal calculi in patients with neurogenic bladder. Annual Meeting of the American Urological Association, Atlanta, GA, May 2005.
34. Tubeless upper pole access for percutaneous nephrolithotomy. Annual Meeting of the American Urological Association, Atlanta, GA, May 2005.

VIDEOS

1. Holmium laser enucleation of the prostate (HoLEP): a minimally invasive alternative to open simple prostatectomy. Annual Meeting of the American Urological Association, Chicago, IL, May, 2003.
2. Percutaneous access to the kidney. Annual Meeting of the American Urological Association, Atlanta, GA, May 2005.

PROFESSIONAL AFFILIATIONS

American Urological Association	1996
Endourological Society	2001
North Central Section, American Urological Association	2003