

CURRICULUM VITAE**C. P. SUNDARAM, MD, FRCS****Present Appointments:**

Associate Professor
 Director of Minimally Invasive Surgery
 Department of Urology
 Indiana University School of Medicine
 535 N. Barnhill Drive, Suite 420
 Indianapolis, Indiana 46202-5289

PREVIOUS APPOINTMENTS:

Assistant Professor
 Washington University School of Medicine
 Division of Urologic Surgery
 Washington University School of Medicine
 4960 Children's Place, Box 8242 07/98-07/02

Director
 Fellowship in Minimally Invasive Urology
 Division of Urologic Surgery
 Washington University School of Medicine

Medical Director
 Midwest Stone Institute, St. Louis, MO

Degrees: MBBS, MS (General Surgery), FRCS (England)

Education and Honors:

Charles Manley Teaching Award, Washington University 2002

Honorary Membership, Association of Surgeons of India 2002

FLEX (Federal Licensing Examination) 06/1992
 ECFMG Standard Certificate (USA) 09/1991

Sponsorship of the Royal College of Surgeons of England: 1989-1992

FRCS (England): 11/1989

MS (General Surgery), Bangalore University, India 08/1988
 Ranked second in MS University examination
 RD Birla Scholarship for post-graduate studies 1985-1988

MBBS (MD Equivalent), Madras Medical College, India, 03/1985
 Ranked second of over 150 students in the
 University Surgery Examination in February, 1984

Postgraduate Training:**USA:**

Fellow in Endourology July 1997 - June 1998

Publications:

1. Sekar N, Narayan D, **Sundaram C**, Meyyappan PL, Venkataraman MS. Splenic Flexure Volvulus: J R Coll Surg Edinb 1988 Feb;33(1):39-40
2. Amaresh NB, Joshi DP, Baskaran V, **Sundaram CP**. Obstructive jaundice: An unusual complication of a phytobezoar, Indian Journal of Surgery, 192-194, 1990.
3. Fernandes, ET, Lewis, JH, **Sundaram, CP**, Garcete, CBM. Penile prosthesis to facilitate condom catheter drainage in patients with urinary incontinence. Brazilian Journal of Medicine, 70 (5): 134-138, 1996.
4. **Sundaram, CP**, Houshiar, Reddy, PK. Bladder stone causing renal failure. Minnesota Medicine, 80: 25-26, 1997.
5. **Sundaram, CP**, Fernandes, ET, Ercole, C, Billups, KL. Management of refractory priapism with penile prosthesis. British Journal of Urology. 79: 659, 1997.
6. **Sundaram, CP**, Fernandes, ET, Reddy, PK: Recurrent hemorrhage from ileal conduit: An uncommon complication of portal hypertension. Scandinavian Journal of Urology and Nephrology, 31: 403-405, 1997.
7. Fernandes, ET, **Sundaram, CP**, Long, R, Ercole, C, Biopsy Gleason score: How does it correlate with the final pathological diagnosis in prostate cancer. British Journal of Urology. 79: 615-617, 1997.
8. **Sundaram, CP**, Thomas, W, Billups, K, Pryor, L, Pryor, JL. Long-term follow-up of patients on injection therapy for erectile dysfunction. Urology, 49: 932-935, 1997.(CME Article)
9. **Sundaram, CP**, Reinberg, Y, Aliabadi, HA. Glutaraldehyde cross-linked collagen implantation in children with urinary incontinence. Journal of Urology. 157: 2306-2307, 1997.
10. **Sundaram, CP**, Rawal, A, Saltzman, B.: Characteristics of bladder leiomyoma as noted on magnetic resonance imaging. Urology, 52 (6): 1142-1143, 1998.
11. **Sundaram, CP**, Saltzman, B.: A technique for localization of a stone during shock wave lithotripsy in the presence of an indwelling double J stent. Journal of Urology 160: 1414-1415, 1998.
12. **Sundaram, CP**, Saltzman, B.: E-SWL-A comprehensive review. Comprehensive Therapy 24 (6-7): 332-335, 1998.
13. **Sundaram, CP**, Saltzman, B.: Urolithiasis associated with protease inhibitors. J Endourology, 13 (4): 309-312, 1999.
14. Chan AJ, Prasad PV, Priatna A, Mostafavai MR, **Sundaram C**, Saltzman B.: Protective effect of aminophylline on renal perfusion changes induced by high-energy shockwaves identified by Gd-DTPA-Enhanced first-pass perfusion MRI. J Endourology 14 (2): 117-121, 2000.
15. Afane JS, Olweny EO, Bercowsky E, **Sundaram CP**, Dunn MD, Shalhav AL, McDougall EM and Clayman RV: Flexible ureteroscopes: A single center evaluation of the durability and function of the new endoscopes smaller than 9Fr. Journal of Urology 64: 1164-1168, 2000.
16. Krumholtz J, Michalski J, and **Sundaram CP**: Health-related quality of life and morbidity in patients receiving brachytherapy for clinically localized prostate cancer. J Endourology 14 (4): 371-374, 2000.
17. Olweny EO, Portis AJ, **Sundaram CP**, Afane JS, Humphrey PA, Ewers R, McDougall EM and Clayman RV: Evaluation of a chronic indwelling prototype mesh ureteral stent in a porcine model. Urology 56 (5): 857-862, 2000.
18. Prasad PV, Goldfarb J, **Sundaram CP**, Priatna A, Li W, Edelman RR: Captopril MR renography in a swine model: toward a comprehensive evaluation of renal arterial stenosis. Radiology 217 (3): 813-818, 2000.
19. Albala DM, Turk TM, Fulmer BR, Koleski F, Andriole G, Davis BE, Eure GR, Kabalin JN, Lingeman J, Nuzzarello J, **Sundaram CP**: Periurethral transurethral microwave thermotherapy for the treatment of benign prostatic hyperplasia: an interim 1-year safety and efficacy analysis using the thermatrix TMx-2000. Tech Urology 6 (4): 288-293, 2000.

20. Portis AJ, **Sundaram CP**: Diagnosis and Initial Management of Kidney Stones. American Family Physician 63 (7) 1329-1338, 2001.
21. Rehman J, Landman J, **Sundaram CP**, Clayman RV: Missed anterior crossing vessels during open retroperitoneal pyeloplasty: Laparoscopic transperitoneal discovery and repair. The Journal of Urology 2001; 166: 593-596
22. **Sundaram CP**, Hovsepian D, Clayman, RV: Endourologic renal access: Percutaneous and retrograde: AUA Update Series, American Urological Association Office of Education, Lesson 35, Volume 20, 2001.
23. **Sundaram CP**, Clayman RV: Complications of laparoscopic transperitoneal renal ablative surgery. J. Endourology (in press).
24. Pearle MS, Nadler R, Bercowsky E, Chen C, Dunn M, Figenshau RS, Hoenig DM, McDougall EM, Mutz J, Nakada SY, Shalhav AL, **Sundaram CP**, Wolf JS, Clayman RV: Prospective, randomized trial comparing shockwave lithotripsy and ureteroscopy for the management of distal ureteral calculi, J Urol. 2001 Oct;166(4):1255-60.
25. Narepalem, N, **Sundaram, CP**, Boridy,E, Yan Yan, Heiken,J, Clayman RV. Comparison of helical CT and plain radiography in the estimation of urinary stone size, J Urol. 2002 Mar;167(3):1235-8.
26. Landman J, Rehman J, **Sundaram CP**, Bhayani S, Monga M, Pattaras JG, Gokden N, Humphrey PA, Clayman RV. Second prize: renal hypothermia achieved by retrograde intracavitary saline perfusion. J Endourol 2002 Sep;16(7):445-9
27. Albala DM, Fulmer BR, Turk TM, Koleski F, Andriole G, Davis BE, Eure GR, Kabalin JN, Lingeman JE, Nuzzarello J, **Sundaram C**. Office-based transurethral microwave thermotherapy using the TherMatrix TMx-2000. J Endourol. 2002;16(1):57-61.
28. Landman J, Figenshau RS, Bhayani S, Kibel A, Pettaras JG, Fleshman J, Rehman J, Clayman RV, **Sundaram C**. Dual-organ ablative surgery using a hand-assisted laparoscopic technique. A report of four cases. Surg Endosc. 2002;16(1):215-6.
29. **Sundaram CP**, Ono Y, Landman J, Rehman J, Clayman RV. Hydrophilic guide wire technique to facilitate organ entrapment using a lapsac during laparoscopy. J Urol. 2002 Mar;167(3):1376-7.
30. **Sundaram CP**, Rehman J, Landman J, and Oh J. Laparoscopic radical nephrectomy for renal cell carcinoma with inferior vena caval thrombus J Urol July 2002.
31. Monga M, Bhayani S, Landman J, Conradie M, **Sundaram CP**, Clayman RV. Ureteral access for upper urinary tract disease: the access sheath. J Endourol. 2001 Oct;15(8):831-4.
32. Landman J, Monga M, El-Gabry EA, Rehman J, Lee DI, Bhayani S, **Sundaram CP**, Clayman RV. Bare naked baskets: ureteroscope deflection and flow characteristics with intact and disassembled ureteroscopic nitinol stone baskets. J Urol. 2002;167(6):2377-9.
33. Grubb RLIII, **Sundaram CP**, Yan Y, Chen C, Clayman RV, McDougall EM. Use of titanium staples during upper tract laparoscopic reconstructive surgery: Initial Experience. Journal of Urology. 168(4 Pt 1):1366-9, 2002
34. Brunt LM, **Sundaram CP**. Laparoscopy in Cancer. Contemporary Oncology, Aug 2002. Lippincott Williams and Wilkins
35. **Sundaram CP**, Grubb III RL, Rehman J et al, Laparoscopic pyeloplasty for secondary UPJ Obstruction. J Urol(in press)
36. **Sundaram, CP**, Rehman J, Venkatesh R, Lee D, Rageb MM, Kibel A, Landman J. Hemostatic Laparoscopic Partial Nephrectomy Assisted by a Water-cooled High-density Monopolar Device Without Renal Vascular Control. Urology (in press)
37. Rehman J, Landman J, Tucker RD, Bostwick DG, **Sundaram CP**, Clayman RV. Ferromagnetic self-regulating reheatable thermal rod implants for in situ tissue ablation. J Endourol 2002 Sep;16(7):523-31
38. Landman J, Venkatesh R, Ragab M, Rehman J, Lee DI, Morrissey KG, Monga M, Sundaram CP. Comparison of intrarenal pressure and irrigant flow during percutaneous nephroscopy with an indwelling ureteral catheter, ureteral occlusion balloon, and ureteral access sheath. Urology. 2002 Oct;60(4):584.
39. Kerbl K, Rehman J, Landman J, Lee D, **Sundaram C**, Clayman RV. Current management of urolithiasis: progress or regress? J Endourol 2002 Jun;16(5):281-8

40. Collyer WC, Landman J, Olweny EO, Andreoni C, Kibel A, Andriole GL, Bostwick DG, **Sundaram CP**, Clayman RV. Laparoscopic partial nephrectomy with a novel electrosurgical snare in a porcine model. *J Endourol* 2002;16(9):673-9
41. Landman J, Venkatesh R, Lee DI, Rehman J, Ragab M, Darcy M, Sundaram CP. Combined percutaneous and retrograde approach to staghorn calculi with application of the ureteral access sheath to facilitate percutaneous nephrolithotomy. *J Urol.* 2003; 169(1):64-7.
42. Rehman J, Landman J, Sundaram CP. Re: The uncertainty of radio frequency treatment of renal cell carcinoma: findings at immediate and delayed nephrectomy. *J Urol.* 2002; 168(5):2128-9
43. Sundaram, CP. Tissue Sealants in Urology, *Urology Times*, Dec 2002
44. Andreoni C, Olweny EO, Portis AJ, Sundaram CP, Monk T, Clayman RV. Effect of single-dose subarachnoid spinal anesthesia on pain and recovery after unilateral percutaneous nephrolithotomy. *Journal of Endourology.* 16(10):721-5, 2002 .
45. Sundaram CP, Grubb RL 3rd, Rehman J, Yan Y, Chen C, Landman J, McDougall EM, Clayman RV. Laparoscopic pyeloplasty for secondary ureteropelvic junction obstruction. *J Urol.* 2003;169(6):2037-40.
46. Landman J, Venkatesh R, Lee D, Vanlangendonck R, Morissey K, Andriole GL, Clayman RV, Sundaram CP. Renal hypothermia achieved by retrograde endoscopic cold saline perfusion: technique and initial clinical application. *Urology.* 2003;61(5):1023-5.
47. Sundaram CP, Rehman J, Venkatesh R, Lee D, Rageb MM, Kibel A, Landman J. Hemostatic laparoscopic partial nephrectomy assisted by a water-cooled, high-density, monopolar device without renal vascular control. *Urology.* 2003;61(5):906-9.
48. Rehman J, Monga M, Landman J, Lee DI, Felfela T, Conradie MC, Srinivas R, Sundaram CP, Clayman RV. Characterization of intrapelvic pressure during ureteropyeloscopy with ureteral access sheaths. *Urology.* 2003;61(4):713-8

Book Chapters:

1. Laparoscopic Radical Prostatectomy Sundaram, CP, Andriole CP. Chapter in " Prostate Cancer Edited by Mydlo and Godec, 2002, in press
2. Transperitoneal Laparoscopic Radical Prostatectomy, Sundaram CP. Chapter in Book "Urologic Laparoscopy" Edited by Nakada SY, 2003
3. Radical Nephrectomy, Landman, Lee, Sundaram, Clayman. Chapter in Book "Urologic Laparoscopy" Edited by Nakada SY, 2003
4. Renal Cancer, Naughton M, Sundaram CP Chapter in Washington Manual of Oncology, Edited by Govindan R, 2002
5. Renal Cystic Disease, C. P. Sundaram. Chapter in *Textbook of Minimally Invasive Urology*. Published by Martin-Dunitz of London, England, Eds.: Robert Moore, Jay Bishoff, Steven Docimo and Stefan Loening, 2003.

Videos:

Flexible ureteroscopy for calculus disease: The ureteral Access Sheath. Sam Bhayani, Monga M, Landman J, Conradie M, Sundaram CP, Clayman RV. 2002 AUA Ortho McNeil Video Library

Laparoscopic Sacrocolpopexy: Presented at the World Congress of Endourology in Genoa, Italy, 2002

Laparoscopic Partial Nephrectomy with the TissueLink Device: Presented at the American Urological Association Meeting in Chicago, May 2003