

Randall B. Meacham, M.D.

Curriculum Vitae

Current Position: Professor with Tenure
Chief, Division of Urology
Urology Residency Program Director
Vice Chairman, Department of Surgery
Medical Staff President, University of Colorado Hospital
University of Colorado Denver School of Medicine
Denver, Colorado

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Date and Place of Birth: October 10, 1956, Arlington, Texas

Education: 1975-1979 University of Texas at Austin
Bachelor of Arts
Plan II, Interdisciplinary Honors Program
Graduated With High Honors
Phi Beta Kappa

1979-1982 Baylor College of Medicine, Houston, Texas
M.D. Degree

Postgraduate Training: 1983 Baylor College of Medicine, Houston, Texas
(6 mos.) Department of Urology: Post Doctoral Fellowship
Topics in Urolithiasis and Urologic Oncology

- 1983-1985 Baylor College of Medicine, Houston, Texas
General Surgical Residency Training
- 1985-1989 Baylor College of Medicine, Houston, Texas
Urologic Residency Training
- 1989-1990 Baylor College of Medicine, Houston, Texas
Department of Urology: **Post Doctoral Fellowship**
Male Reproductive Medicine and Surgery

**Additional
Training:**

Certification Training in Extracorporeal Shockwave
Lithotripsy, Baylor College of Medicine, Houston,
Texas

Certification Training in Microsurgery
Baylor College of Medicine, Houston, Texas

Certification Training in Urologic Ultrasound
Denver, Colorado

**Awards and
Honors:**

College: University of Texas Alumni Scholar
Plan II - Interdisciplinary Honors Program
Phi Eta Sigma - Freshman Honor Society
Junior Fellows - Undergraduate Research Honor
Society
Graduated With High Honors
Phi Beta Kappa

**Medical
School:**

1979: President- Basic Sciences Medical School Class,

1980: President- Medical School Student Body, 1980

1983: Agnes Arnold Award (Outstanding Student in
Urology)

1983: Merck Manual Award - For outstanding
contributions as a medical student

Residency:

1987: Harriet Cunningham Citation for Meritorious Scientific Writing. Editorial Board, Texas Medicine.

1988: First Place Winner - Resident's Essay Contest. Annual Meeting of the South Central Section of the American Urological Association, Colorado Springs, Colorado.

Awards and Honors:

Post Graduate:

1995: Award for Excellence: Annual meeting of the Teton Urological Society: awarded for outstanding presentations given during the 15th annual meeting.

1996: President, Society for the Study of Male Reproduction

1997: President, Rocky Mountain Urological Society

1997: Program Chairman, Rocky Mountain Urological Society

1997: Presidential Citation, American Society of Andrology

1998: Original Research Award, Society of Diagnostic Medical Sonography Educational Foundation

2003: Outstanding Instructor Award, University of Colorado Medical School

1998: Elected to Board of Directors, South Central Section of the AUA

2006: Named to Best Doctors in America

2006: Secretary, South Central Section of the AUA

2006: Medical Staff President, University of Colorado Hospital

2007: Named to Best Doctors in America

2007: Promotion to the Rank of Professor with Tenure

**Professional
Organizations:**

The American Urological Association
South Central Section of the AUA
The American Association of Clinical Urologists
The American Society for Reproductive Medicine
The American Society of Andrology
The Society for the Study of Male Reproduction, **Past-
President**
Rocky Mountain Urological Society: **Past-President and
Program Director**

Licensure:

1990 Colorado

**Board
Certification:**

American Board of Urology

**Hospital
Affiliations:**

University of Colorado Hospital, Denver, Colorado
Denver Health Medical Center, Denver, Colorado
Veterans Administration Hospital, Denver,
Colorado
The Children's Hospital
Presbyterian-Saint Luke's Medical Center, Denver,
Colorado

Administrative, Service and Major Educational Activities

Current:

**1999 - Present: Residency Program Director, Division
of Urology, University of Colorado School of
Medicine**

2000- Present: Head, Division of Urology, University of Colorado School of Medicine

2002 - Present: Medical Staff President Elect, The University of Colorado Hospital

2003 - Present: Vice Chairman, Department of Surgery, The University of Colorado School of Medicine

2002 - Present: Chairman, Quality and Safety Committee, The University of Colorado Hospital

1998 - Present: Program Director: Rocky Mountain Urological Society

1996 - Present: Practice Director: Division of Urology UCHSC

1995 - President: Co-director, Androlog: a moderated international internet information exchange devoted to the study of male reproductive medicine. **Membership-1350** registered scientists and clinicians in over 50 countries.

2003 - Present: Member, Executive Committee, Department of Surgery, The University of Colorado School of Medicine

2002- Present: Member Audit and Finance Committee, University Physicians Incorporated.

2002 -Present: Member, Executive Committee, The University of Colorado Hospital

2002 - Present: Member, Medical Board Steering Committee, The University of Colorado Hospital

1999 - Present: Member, Graduate Medical Education Committee, The University of Colorado School of Medicine

2004 - Present: Member: Health Policy Council of the American Urological Association

2006 - Present: Secretary, South Central Section of the American Urological Association.

**Administrative Activities:
Previous:**

1992 - 2002: Chairman, University of Colorado Hospital Credentials and Privileges Committee

1994 - 2003: Chairman: Division of Urology Quality Improvement Committee

1997 - Critique Committee: Jackson Hole Urology Conference. Jackson Hole, Wyoming.

1998 - 2004: Member, Board of Directors of the South Central Section of the American Urological Association

1999 - Critique Committee: Jackson Hole Urology Conference. Jackson Hole, Wyoming, January, 1997.

1999 - 2001: Member, Diamond Management Team (senior management planning committee - The University of Colorado Hospital)

1998 - 2002: Member: University Hospital Bylaws Committee

2003 - Chairman, Resident's Prize Essay Committee, South Central Section of the AUA

1999 - Chairman, Critique Committee, Jackson Hole Urological Symposium

2004, 2005, 2006 - Member, Prize Essay Committee: American Urological Association

1994 -1995: Secretary, Society for the study of Male
Reproduction:

1995 -1996; Vice President, Society for the Study of Male
Reproduction

**1996 - 1997 President, Society for the Study of Male
Reproduction**

1993 -1995: Treasurer, Rocky Mountain Urological
Society

1995 -1996: President Elect, Rocky Mountain Urological
Society

**1996 -1997: President, Rocky Mountain Urological
Society**

1991 - 1993: University Hospital Operating Room
Committee

1994 - Program Director: International Urology
Preceptorship - state of the art urologic symposium
attended by 79 urologists from 14 countries,
Denver, Colorado, April 11-15.

1995 - Co-chairman: 1st Annual National Urology
Review. National review course on clinical
urology. Attendance: **450** urologists. Chicago,
Illinois, December, 1995.

1996 - Co-chairman: 2nd Annual National Urology
Review. National review course on clinical
urology. Attendance: **650** urologists. Chicago,
Illinois

1996 – Co-chairman: Partners in Urology. National
urology course demonstrating live surgical
procedures.. Attendance: **400** urologists.
Chicago, Illinois

1997 - Co-chairman: 3rd Annual National Urology

Review. National review course on clinical urology. Attendance: **800** urologists. Chicago, Illinois.

1998 - Co-chairman: 4th Annual National Urology Review. National review course on clinical urology. Attendance: **900** urologists. Chicago, Illinois.

1998 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

1999 - Co-chairman: 5th Annual National Urology Review. National review course on clinical urology. Attendance: **1000** urologists. Chicago, Illinois.

1999 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

2000 - Co-chairman: 6th Annual National Urology Review. National review course on clinical urology. Attendance: **1000** urologists. Chicago, Illinois.

2000 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

2001 - Co-chairman: 7th Annual National Urology Review. National review course on clinical urology. Attendance: **1000** urologists. Chicago, Illinois.

2001 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

2002 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

2003 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

1994 - 1997 - Director of Uroserve, a national internet based urological consultation program for the education of practicing urologists regarding clinical issues.

2001 - 2003 - Member, Audio Visual Committee of the American Urological Association

2003 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

2004 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

2005 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220 urology residents**. Sponsored by the American Association of Clinical Urologists.

2005 - Chairman, Search Committee for Head, Division of Plastic Surgery, University of Colorado School of Medicine

2006 - Course Chairman, Career Pathways: National urology resident educational meeting attended by **220** urology residents. Sponsored by the American Association of Clinical Urologists.

Editorial Activities:

Section Editor: Journal of Andrology

Editorial Board: Journal of Diagnostic Medical
Sonography

Editorial Board: Prostate Cancer and Diseases of the
Prostate

Editorial Board: The Journal of Andrology

Editorial Board: Infections in Urology

Editorial Board: Reviews in Urology

Reviewer: The Journal of Urology

Reviewer: Urology

Ad Hoc Reviewer: Fertility and Sterility

**Other Educational
Activities:**

1998, 1999, 2000, 2001, 2002, 2003, 2004 - Reviewer:
Male infertility abstracts, Annual meeting of the
American Urological Association.

2003 - Nominating Committee: Annual meeting, South
Central Section of the AUA, 2003.

2003 - Moderator, podium session: Annual meeting, South
Central Section of the AUA

2004 - Moderator, podium session: Annual meeting, South
Central Section of the AUA.

2004 - Member – program writing committee, NIDDK/NIH
– Urologic Diseases in America.

2005 - Moderator, podium session: Annual meeting, South
Central Section of the AUA.

2005 - Moderator, podium session: Annual meeting of the
American society of Reproductive Medicine.

2006 - Moderator, podium session: Annual meeting, South
Central Section of the AUA.

2006 - Director – First annual research symposium,
Annual meeting of the South Central Section of the
American Urological Association

Funded Research

NIH:

1. Correlates of Fertility in Spinal Cord Injured Men. NIH RO1-HD30155-01. Co-investigator
2. Pharmacological Treatment of Benign Prostatic Hyperplasia - pilot study. \$352,170.00 - National Institutes of Health. Co-principle investigator.
3. Pharmacological Treatment of Benign Prostatic Hyperplasia. \$1,597,620.00 - National Institutes of Health. Co-principle investigator.
4. NICHD Cooperative Multicenter Reproductive Medicine Network, University of Colorado Reproductive Medicine Unit, \$1,503,144, 2000-2005. Co-principle investigator.
5. Testosterone Supplementation and Exercise in Elderly Men. \$3,512,527 - National Institutes of Health. 04/01/03 - 03/31/08. Co-investigator

Other Funding:

1. The incidence of varicoceles in the general population when evaluated by physical examination, gray scale sonography and color Doppler sonography. \$ 7,000.00 - Dean' s academic research fund. University of Colorado Health Sciences Center. Principal investigator.
2. Mechanisms of germ cell apoptosis in the cryptorchid testis in the rat. Dean' s academic research fund. \$60,000.00 - University of Colorado Health Sciences Center. Principal investigator.

3. Serum, prostatic and CSF concentrations of levofloxacin following intravenous administration. Ortho Macneil Pharmaceutical Company. Co-principle investigator
4. Gene transfer therapy for corporal endothelial dysfunction in the rat. \$70,000. Dean's academic enrichment fund. The University of Colorado School of Medicine. Principle investigator.

Peer-reviewed Abstracts and Presentations

1. Acoustical and radiation hazards of percutaneous ultrasonic nephrolithotripsy. South Central Section Meeting of the American Urological Association. St. Louis, Missouri, 1983.
2. The use of extracorporeal shock wave lithotripsy for ureteral stones - Poster. Annual Meeting of the American Urological Association. New York City, New York, 1986.
3. The role of transurethral resection of the prostate in the dissemination of prostate cancer. Annual meeting, South Central Section, American Urological Association. Colorado Springs, Colorado, 1988
4. Diagnosis and treatment of ejaculatory duct obstruction in the infertile male. Annual meeting of the American Fertility Society. Washington, D.C., October 1990.
5. Rectal probe electroejaculation in anejaculatory men - poster. Annual meeting of the American Fertility Society. Washington, D.C., October 1990.
6. The use of electroejaculation in the treatment of ejaculatory failure in diabetic men. Gerig, N., Ohl, D., **Meacham, R.B.** Annual meeting of the South Central Section of the American Urological Association. Vancouver, British Columbia. October, 1994.
7. The effect of prolonged cryptorchidism on germ cell apoptosis, ultrastructural morphology and testicular sperm content in the rat. Trummer, H., **Meacham, R.B.** Annual meeting of the American Urological Association. November, 1997. San Diego, California.

8. Localization of the pro-apoptotic gene, BAX, in testis. Annual meeting of the American Urological Association. November, 1997. San Diego, California.
9. Combined use of transurethral resection of the ejaculatory ducts and vasoepididymostomy in the management of men with azoospermia secondary to complex ductal obstruction. Caruso, A., **Meacham, R.B.** Annual meeting of the American Society for Reproductive Medicine, San Francisco, California, October, 1998.
10. The use of color power sonography and computerized image analysis to assess testicular arterial blood flow in the presence of varicocele. Sarram, A., **Meacham, R.B.** Annual meeting of the South Central Section of the American Urological Association, Cancun, Mexico, November, 1998.
11. Cryptorchidism in the rat causes time dependent formation of multinucleated giant cells which result from the coalescence of apoptotic germ cells. Caruso, A., **Meacham, R.B.** Annual meeting of the South Central Section of the American Urological Association, Cancun, Mexico, November, 1998.
12. The impact of testicular ischemia on germ cell apoptosis in the rat. Caruso, A., **Meacham, R.B.** Annual meeting of the South Central Section of the American Urological Association, Cancun, Mexico, November, 1998.
13. Prolonged incubation of testis biopsy specimens significantly increases the yield of motile sperm. Grampsas, S., **Meacham, R.B.** Annual meeting of the South Central Section of the American Urological Association, Cancun, Mexico, November, 1998.
14. Experimental varicocele induces testicular germ cell apoptosis in the rat. Poster. Caruso, A., **Meacham, R.B.** Annual meeting of the American Urological Association. April, 1999.
15. Expression of The Apoptotic Regulators Bax And Bcl 2 During Murine Spermatogenesis. L. Kaufman, L. Wang, A. Hussein, K. Manickam, Y. Ozgok, **Meacham, R.B.**, L. Ross, and C. Niederberger. 73rd Annual Meeting North Central Section of the American Urological Association. Chicago, Illinois, September, 1999.
16. Experimental varicocele induces testicular germ cell apoptosis in the rat. Caruso A, Tummer H, **Meacham R. B.** Annual meeting of the American Urological Association. Dallas, Texas, November, 1999.

17. Expression of The Apoptotic Regulators Bax And Bcl 2 During Murine Spermatogenesis. L. Kaufman, L. Wang, A. Hussein, K Manickam, Y Ozgok, **Meacham, R.B.**, L. Ross, C. Niederberger. Annual Meeting of the American Urological Association. Atlanta, Georgia. May, 2000.
18. Success rates for in-vitro fertilization in the presence of profound male factor infertility. Podium presentation. Huffer JW, Barqawi AZ, **Meacham R.B.** Annual meeting of the South Central Section of the AUA, Colorado Springs, Colorado, October, 2002.
19. Laparoscopic Partial Nephrectomy: Initial Experience. Mills, J.B.; Gewehr Eduardo V.; Koul H.K.; **Meacham, R.B.** and Kim, F.J. Annual Meeting, South Central Section of the American Urological Association, Austin, TX, September 2005.
20. Regulation of IL-6 Expression in PC3 Cells, A Line of Hormone Refractory Prostate Cancer Cells. Koul S.; Johnson T.; **Meacham, R.B.** and Koul, H.K. Annual Meeting, South Central Section of the American Urological Association, Austin, TX, September 2005.
21. Defining Molecular Signature of Oxalate Nephrotoxicity: Global Changes in Gene Expression by Oxalate in Human Kidney Epithelial Cells. Koul, S.; Chandhoke, P.S.; **Meacham R.B.** and Koul, H.K. Annual Meeting, South Central Section of the American Urological Association, Austin, TX, September 2005.
22. Nephrolithiasis: Crystal Cell Interactions with the Renal Epithelial. Koul, S.; Maroni, P.D.; **Meacham, R.B.**; Chandhoke, P.S.; Kim, F.J. and Koul, H.K. Annual Meeting, South Central Section of the American Urological Association, Austin, TX, September 2005.
23. Role of Heat Shock Protein (HSP70) Response in Oxalate-Renal Epithelial Cell Interactions. Huang, M.; Koul, S.; Maroni, P.D.; **Meacham, R.B.**; Chandhoke, P.S. and Koul, H.K. Annual Meeting, South Central Section of the American Urological Association, Austin, TX, September 2005.
24. A Rational Gene Therapy for Primary Hyperoxaluria-1 (PH-1). Koul, S.; Johnson, T.; Pramanik, S.; Chandhoke, P.S.; **Meacham, R.B.** and Koul, H.K. Annual Meeting, South Central Section of the American Urological Association, Austin, TX, September 2005.
25. Vascular endothelial growth factor (VEGF) gene therapy using non-viral gene delivery system improves erectile function in a diabetic rat model. Dall'Era J.,

- Koul, S., Mills, J., Myers, J, **Meacham, R.B.** Koul HK. Annual meeting of the South Central Section of the AUA. Santa Fe, New Mexico, September, 2006.
26. Cloning and characterization of androgen receptors in PC3 cells: identification of a new mutation that results in truncation of AR in PC3 cells, a line of androgen independent prostate cancer cells. Johnson, T.R., Samuelson, A.L., **Meacham, R. B.**, Kim, F.J., Koul, H.K. Annual meeting of the South Central Section of the AUA. Santa Fe, New Mexico, September, 2006.
 27. Incorporating The AUA Symptom Score In Predictive Models Of Erectile Dysfunction: Results From The Prostate Cancer Awareness Week Data. Powell C, Makhlouf A, Kshirsagar A, Barqawi A, **Meacham R.B.**, Crawford D, Niederberger C. 80th North Central Section Meeting of the American Urological Association. San Diego, California. September, 2006.
 28. Correlation Of Low Testosterone With Erectile Dysfunction In The Presence And Absence Of Cardiovascular Risk Factors: Data From The Prostate Cancer Awareness Week. Makhlouf A, Powell C, **Meacham R.B.**, Barqawi A, Niederberger C, Crawford D. 80th North Central Section Meeting of the American Urological Association. San Diego, California. September, 2006.

Major Invited Presentations

1. Pathogenesis and treatment of urinary stones. Annual Meeting, American Urological Association, Allied. Houston, Texas, 1988.
2. Medical and surgical treatment of the infertile male. National conference of IVF coordinators and support personnel. St. Petersburg, Florida, 1990
3. Evaluation and treatment of male infertility. Regional education seminar. Denver, Colorado, October 1990.
4. Recent developments in the diagnosis and treatment of male infertility. Meeting of the Rocky Mountain Urologic Society. Denver, Colorado, Oct. 1990.

5. Evaluation of the infertile male. Department of Family Medicine grand rounds, University of Colorado Health Sciences Center. Denver, Colorado, November, 1990.
6. Diagnosis and treatment of male infertility. RESOLVE educational seminar. Denver, Colorado, January, 1991.
7. Recent developments in male infertility. Regional course in reproductive medicine, Denver, Colorado, January, 1991.
8. The use of transrectal electrostimulation in the treatment of ejaculatory dysfunction. Annual meeting of the Royal Society of Medicine. Vail, Colorado, Feb. 1991.
9. Diagnosis and treatment of male infertility. Symposium on female urology. Seattle, Washington, March, 1991.
10. Evaluation and treatment of male infertility. Annual seminar of the American Urologic Association Allied, Denver, Colorado, May, 1991.
11. Diagnosis and treatment of prostatitis and related disorders of the male reproductive tract. Continuing medical education conference, Poudre Valley Hospital, Fort Collins Colorado, May, 1991.
12. New approaches in the nonsurgical treatment of male infertility. Postgraduate course presented at the annual meeting of the American Urological Association, Toronto, Canada, May, 1991.
13. Recent advances in the diagnosis and treatment of male infertility. Regional meeting of RESOLVE, Denver, Colorado. June, 1991.
14. The use of prostatic coils, stents and balloons in the treatment of benign prostatic hypertrophy. Regional conference on state of the art treatment of prostatic disease, Denver, Colorado, August, 1991.
15. Recent developments in male reproductive medicine. Educational seminar for urologists and gynecologists, Phoenix, Arizona, September, 1991.
16. Recent developments in the diagnosis and treatment of male infertility. Meeting of the Las Vegas Urologic Society, Las Vegas, Nevada, September, 1991.

17. Current concepts in the evaluation and treatment of the infertile male. Meeting of the Department of Obstetrics and Gynecology, Longmont Hospital, Longmont, Colorado, October, 1991.
18. Sexual function following surgical therapy of prostate cancer. International prostate cancer update. Vail, Colorado, January, 1992.
19. Diagnosis and treatment of ejaculatory disorders. Basic curriculum didactic lecture, University of Colorado School of Medicine, Denver, Colorado, January, 1992.
20. Current diagnosis and treatment of male infertility. Educational meeting of RESOLVE, Colorado Springs, Colorado, March, 1992.
21. Comprehensive course in microsurgical techniques for urologists - Faculty. American Urologic Association, Houston, Texas, April 9 - 12, 1992.
22. The role of ultrasonography in the evaluation of the infertile male. Meeting of the Colorado Society of Diagnostic Medical Sonographers, Denver, Colorado, May, 1992.
23. Recent developments in the diagnosis and treatment of male infertility. Urologic education seminar, Colorado Springs, Colorado, June, 1992.
24. Recent developments in the diagnosis and management of male infertility. Austin Urologic Society. Austin, Texas, August, 1992.
25. Newer antimicrobial agents in the treatment of urinary tract infections. National urologic symposium on antibiotic therapy in the treatment of urinary tract infections, Chicago, Illinois, September, 1992.
26. Current concepts in the management of male infertility. Urologic conference on new urological treatment modalities, Charleston, South Carolina, November, 1992.
27. Current trends in the management of male infertility. Meeting of the Portland Urologic Society, Portland, Oregon, January, 1993.
28. Diseases of the prostate. Meeting of the Florida Academy of Family Physicians, Tampa, Florida, February, 1993.
29. What the urologist should know about male infertility in 1993. Post graduate seminar for urologists, Charleston, South Carolina, March, 1993.

30. Medical management of prostatic hypertrophy. Annual update on urologic disorders, University of Colorado Health Sciences Center, Denver, Colorado, March, 1993.
31. Update on the management of male infertility, Annual Greenville post graduate seminar, Greenville, South Carolina, March, 1993.
32. The effect of aging on male reproductive potential. Key Note Address: Annual meeting of the Pacific Coast Fertility Society, Palm Springs, California, April, 1993.
33. Recent developments in the evaluation of the infertile male. Post graduate seminar, Pacific Coast Fertility Society, Palm Springs, California, April, 1993.
34. Important elements in the establishment of a male infertility practice. Society for the Study of Male Reproduction - Annual meeting of the American Urologic Association, San Antonio, Texas, May, 1993.
35. Evaluation and treatment of the infertile male. Meeting of the Orlando Urologic Society, Orlando, Florida, July, 1993.
36. Current therapy of congenital vasal agenesis. Meeting of the Rocky Mountain Urologic Society, Denver, Colorado, August, 1993.
37. Erectile function before and after radical prostatectomy. Fourth international Vail prostate cancer update, Vail, Colorado, January, 1994.
38. Program Director: International Urology Preceptorship - state of the art urologic symposium attended by 79 urologists from 14 countries, Denver, Colorado, April 11-15, 1994.
39. Recent developments in the management of male infertility. International Urology Preceptorship, Denver, Colorado, April, 1994.
40. Treatment of the anejaculatory diabetic patient using electroejaculation. Annual meeting of the international electroejaculation special interest group, annual meeting of the American Urological Association, San Francisco, California, May, 1994.
41. Evaluation of complete and partial ejaculatory duct obstruction. Annual meeting of the Society for the Study of Male Reproduction, annual meeting of the American Urological Association, San Francisco, California, May, 1994.

42. Male infertility: diagnostic and treatment strategies. AUA post graduate course, annual meeting of the American Urological Association, San Francisco, California, May, 1994.
43. Clinical advances in the diagnosis and treatment of male infertility. National meeting of IVF coordinators and support personnel, Dana Point, California, May, 1994.
44. Basic evaluation of the infertile male. National meeting of IVF coordinators and support personnel, Dana Point, California, May, 1994.
45. State-of-the-art treatment of benign prostatic hypertrophy. National investigators meeting: hypertension and BPH intervention trial, Toronto, Canada, August, 1994.
46. Management of urologic problems in the elderly population. Symposium on health care issues among the elderly. Phoenix, Arizona, October, 1994.
47. Use of the AHCPR guidelines in the management of BPH. National meeting of Urologists and Primary Care Physicians. Boca Raton, Florida, December, 1994.
48. Treatment of male factor infertility. Perspectives in Urology - national urology symposium. Phoenix, Arizona, December, 1994.
49. Microsurgical therapy of male infertility. Teton Urologic Conference - national urological conference. Jackson Hole, Wyoming, January, 1995.
50. Assisted reproductive technologies for the treatment of the infertile male. Teton Urologic Conference - national urological conference. Jackson Hole, Wyoming, January, 1995.
51. Evaluation and treatment of ejaculatory duct obstruction in the infertile male. Teton Urologic Conference - national urological conference. Jackson Hole, Wyoming, January, 1995.
52. The effect of age on male reproductive function. Teton Urologic Conference - national urological conference. Jackson Hole, Wyoming, January, 1995.
53. Sexual function following surgical therapy for prostate cancer. Fifth international prostate cancer update. Vail, Colorado, January, 1995.
54. Office evaluation of the infertile male. Post graduate course - Annual meeting of the American Urological Association. Las Vegas, Nevada, April, 1995.

55. New developments in the pharmacological therapy of BPH. Urotrend 2000 - educational meeting on new developments in the practice of urology. Orlando, Florida, May, 1995.
56. Understanding the hypothalamic-gonadal-pituitary axis in man: control of spermatogenesis and endocrine evaluation. American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
57. Understanding the basics of the gynecological approach to female infertility. American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
58. The varicocele: Pathophysiology, clinical significance, and treatment. American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
59. Microscopic epididymal sperm aspiration (MESA). American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
60. Empirical medical therapy. American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
61. Genetic causes of reproductive failure. American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
62. Endocrine factors in male sexual dysfunction. American Urological Association post graduate course on male infertility and impotence. Orlando, Florida, June, 1995.
63. Sexual function before and after surgical therapy for prostate cancer. National educational program on the treatment of BPH and prostate cancer. Nevis, West Indies, July, 1995.
64. Use of the AHCPR guidelines in the management of BPH. National educational program on the treatment of BPH and prostate cancer. Nevis, West Indies, July, 1995.
65. Evaluation and treatment of erectile dysfunction. Penrose Hospital Medical Grand Rounds. Colorado Springs, Colorado, September, 1995.

66. Evaluation and treatment of the infertile male. Meeting of the American Urological Association Allied. Denver, Colorado, September, 1995.
67. Recent developments in the management of male infertility. Medical education grand rounds, Poudre Valley Hospital, Ft. Collins Colorado, October, 1995
68. Recent developments in the microsurgical therapy of male infertility. International Urology Preceptorship, Denver, Colorado, November, 1995.
69. The evaluation and treatment of male infertility. (Course Co-chairman) National Urology Review (national urological review course). Chicago, Illinois, December, 1995.
70. Management of male infertility. Annual winter symposium of the Texas Academy of Family Physicians. Breckenridge, Colorado, January, 1996.
71. Evaluation and treatment of BPH. Annual winter symposium of the Texas Academy of Family Physicians. Breckenridge, Colorado, January, 1996.
72. Current trends in the evaluation and treatment of erectile dysfunction. Meeting of the Wyoming Medical Society. Casper, Wyoming, January, 1996.
73. Sexual function following surgical therapy for prostate cancer. Sixth international prostate cancer update. Beaver Creek, Colorado, January, 1996.
74. Recent developments in the management of male infertility. International Urology Preceptorship. Denver, Colorado, March, 1996.
75. Research topics in the management of BPH. National meeting of the Uniformed Services Urology Research Group. Denver, Colorado, March, 1996.
76. Evaluation and treatment of male infertility for the practicing physician. Post graduate course: annual meeting of the American Urological Association. Orlando, Florida, May, 1996.
77. Are sperm counts declining world wide? Round table panel discussion held at the annual meeting of the American Urological Association, to be published in Contemporary Urology. Orlando, Florida, May, 1996.
78. Highlights of the male infertility presentations: **plenary session presentation** at the Annual Meeting of the American Urological Association. Orlando, Florida, May, 1996.

79. Recent developments in the management of male infertility. Meeting of the Miami Urological Society. Miami, Florida, June, 1996.
80. Visiting professorship, University of Arizona School of Medicine, Division of Urology. Comprehensive review of the diagnosis and treatment of male infertility. Tucson, Arizona, June, 1996.
81. Program Chairman and lecturer on microsurgery, Partners in Urologic Surgery; live, interactive educational course in urologic surgery. Chicago, Illinois, August, 1996.
82. Current trends in the management of male infertility. Post graduate education course, Annual meeting of the American Society of Reproductive Medicine. Boston, Massachusetts, November, 1996.
83. The evaluation and treatment of male infertility. (Course Co-chairman) National Urology Review (national urological review course). Chicago, Illinois, December, 1996.
84. Sexual Dysfunction following radical prostatectomy. International Prostate Cancer Update. Vail, Colorado, January, 1997.
85. Critique Committee: Jackson Hole Urology Conference. Jackson Hole, Wyoming, January, 1997.
86. Recent developments in male infertility. Jackson Hole Urology Conference. Jackson Hole, Wyoming, January, 1997.
87. Visiting Professor: Division of Urology, University of New Mexico School of Medicine, Albuquerque, New Mexico, February, 1997.
88. Office evaluation of the infertile male: Annual meeting of the New Mexico Urological Society, Albuquerque, New Mexico, February, 1997.
89. Faculty: Male infertility; innovations in diagnosis and treatment (multiple presentations). American Urological Association post-graduate course, Cancun, Mexico, February, 1997.
90. Co-chairman, National Urology Review. National review course on clinical urology. Attendance: 800 urologists. Chicago, Illinois, December, 1997.
91. Evaluation and treatment of the infertile male. National Urology Review. National review course on clinical urology. Chicago, Illinois, December, 1997.

92. Recent developments in the management of male infertility. National meeting of IVF Specialists. San Francisco, California, March, 1998.
93. Evaluation and treatment of male infertility for the clinician. Post-graduate course: annual meeting of the American Urological Association. San Diego, California. June, 1998.
94. Course Chairman: Career Pathways – National urology resident education meeting on socio-economic issues. Attended by 220 urology residents, sponsored by the American Association of Clinical Urologists, San Diego, California, June, 1998.
95. American Urological Association course on Microsurgery. Surgical teaching faculty and individual presentation: techniques of surgical sperm retrieval. Houston, Texas, July, 1998.
96. Co-chairman, National Urology Review. National review course on clinical urology. Attendance: 900 urologists. Chicago, Illinois, December, 1998.
97. Evaluation and treatment of the infertile male. National Urology Review. National review course on clinical urology. Chicago, Illinois, December, 1998.
98. Evaluation and treatment of the infertile male: what's new in 1998. Plenary session presentation, annual meeting of the South Central Section of the American Urological Society. Cancun, Mexico, January, 1999.
99. Endocrinologic aspects of erectile dysfunction. Plenary session presentation, annual meeting of the South Central Section of the American Urological Society. Cancun, Mexico, January, 1999.
100. Evaluation and treatment of the infertile male. National urologic education conference. Phoenix, Arizona, January, 1999.
101. Critique Committee: Jackson Hole Urological Conference. Jackson Hole, Wyoming, January, 1999.
102. Update in the management of male infertility. Jackson Hole Urological Conference. Jackson Hole, Wyoming, January, 1999.
103. Visiting Professor: Department of Urology, University of Illinois at Chicago. Lecture topic: Evaluation of the infertile male. Chicago, Illinois, February, 1999.

104. Co-chairman, National Urology Review. National review course on clinical urology. Attendance: 1000 urologists. Chicago, Illinois, December, 1999.
105. Evaluation and treatment of the infertile male. National Urology Review. National review course on clinical urology. Chicago, Illinois, December, 1999.
106. Microsurgical approaches to the treatment of male factor infertility. National update on current urological therapy. Chicago, Illinois, March, 2000.
107. Co-chairman, National Urology Review. National review course on clinical urology. Attendance: 1050 urologists. Chicago, Illinois, December, 2000.
108. Evaluation and treatment of the infertile male. National Urology Review. National review course on clinical urology. Chicago, Illinois, December, 2000.
109. Visiting professorship: The University of Illinois at Chicago, Department of Urology. Chicago, Illinois, June, 2001. Lecture: The role of testosterone replacement in the management of age related male androgen deficiency.
110. Urology for the practicing surgeon. National surgical review course. Denver, Colorado, July 2001.
111. The role of testosterone replacement in the management of age related male androgen deficiency. Teton Urological Society. Jackson Hole, Wyoming. July, 2001.
112. Treatment of age related male androgen deficiency. Clinical urology review course. Galena, Illinois, August, 2001.
113. The role of androgen replacement in the management of male sexual dysfunction. Plenary presentation, Annual meeting of the South Central Section of the American Urological Association. Austin, Texas, September, 2001.
114. Co-chairman, National Urology Review. National review course on clinical urology. Attendance: 950 urologists. Chicago, Illinois, December, 2001.
115. Evaluation and treatment of the infertile male. National Urology Review. National review course on clinical urology. Chicago, Illinois, December, 2001.
116. Visiting Professorship: Division of Urology, University of Southern Illinois. Lecture topics – Management of the infertile male, Androgen deficiency in the aging male. Springfield, Illinois, February, 2002.

117. Visiting Professorship: Division of Urology, University of Utah. Lecture topics: Current therapy for the infertile male, Androgen replacement therapy in urologic practice. Salt Lake City, Utah, March, 2002.
118. Diagnosis and treatment of androgen deficiency in the aging male. Urology review course. Chicago Illinois, September, 2002.
119. Visiting Professorship: University of Illinois. Lecture: Androgen deficiency in the aging male. Chicago Illinois, October, 2002.
120. Male reproductive medicine: where do we stand in 2002? State of the art lecture – plenary presentation. Annual meeting of the South Central Section of the AUA, Colorado Springs, Colorado, October, 2002.
121. Management of the infertile male. National Urology Review - national review course on clinical urology. Chicago, Illinois, December, 2002.
122. Androgen deficiency in the aging male. National urology educational conference, Jackson Hole, Wyoming, January, 2003.
123. Management of erectile dysfunction following therapy for prostate cancer. National urologic oncology conference. Vail, Colorado, February, 2003
124. Evaluation and treatment of erectile dysfunction. PriMed national primary care conference. San Diego, California, February, 2003.
125. Management of male sexual dysfunction. Annual meeting of the American College of Physicians. San Diego California. March, 2003
126. Evaluation of Androgen Deficiency in the aging male. Plenary presentation. Annual meeting of the South Central Section of the American Urological Association. Boston Massachusetts, September, 2003.
127. Cardiologic considerations in the management of erectile dysfunction. Annual meeting of the Sexual Medicine Society of North America. Denver, Colorado, October 2003.
128. Androgen replacement in the aging male, is there a risk? National urology conference: Point Counterpoint. Phoenix, Arizona, November, 2003.
129. Androgen replacement in the aging male. Visiting professorship, University of California at San Francisco School of Medicine. San Francisco, California, March, 2004.

130. Androgen replacement in the aging male. Visiting Professorship, Walter Reed Army Medical Center. Bethesda, Maryland. March, 2004.
131. Microsurgical Repair of Varicocele. Invited plenary session presentation, Annual Meeting of the American Urological Association, San Antonio Texas, May, 2005.
132. Gonadotoxins and their impact on male fertility. State of the Art Lecture, Annual meeting of the Society for the Study of Male Reproduction. Annual Meeting of the American Urological Association, San Antonio Texas, May, 2005.
133. Electronic resources in urology. Post graduate course, Annual Meeting of the American Urological Association, San Antonio Texas, May, 2005.
134. Moderator: Infertility and erectile dysfunction. Annual meeting of the South Central Section of the AUA. Austin Texas, September, 2005
135. Invited State of the Art Lecture: Use of type 5 phosphodiesterase inhibitors in the treatment of erectile dysfunction. Annual meeting of the Sexual Medicine Society of North America. New York City, November, 2005.
136. Moderator – Male infertility podium session. Annual meeting of the American Society of Reproductive Medicine, Montreal, Canada, October, 2005
137. Penile Rehabilitation: important therapy or wishful thinking? Visiting Professorship lecture, Kansas City, February, 2006
138. Penile Rehabilitation after radical prostatectomy. State of the Art lecture, University of California at Los Angeles, Los Angeles, March 2006
139. Recent advances in the use of vardenafil in the treatment of erectile dysfunction. Sexual Medicine Society of North America, annual meeting of the American Urological Association, Atlanta, Georgia, May, 2006.
140. Androgen replacement in the aging male. Graduate medical education conference, University of Colorado Medical School. Denver, Colorado, November, 2006.
141. Treatment of Erectile Dysfunction. Graduate medical education conference, University of Colorado Medical School. Denver, Colorado, November, 2006.
142. Androgen Replacement in the Again Male. Visiting Professor lecture, Stanford University Medical School. Palo Alto, California, March, 2007.

143. Penile Rehabilitation Following Radical Prostatectomy. Visiting Professor lecture, Stanford University Medical School. Palo Alto, California, March, 2007.
144. Chair, Annual Research Forum, Annual Meeting of the South Central Section of the AUA, Colorado Springs, Colorado, September, 2007.
145. Moderator, Annual Meeting of the South Central Section of the AUA, Colorado Springs, Colorado, September, 2007.

Visiting Professorships

1. Division of Urology: University of Arizona School of Medicine. Tucson, Arizona, June. 1996.
2. Division of Urology, University of New Mexico School of Medicine, Albuquerque, New Mexico. February, 1997.
3. Department of Urology, University of Illinois at Chicago College of Medicine. Chicago, Illinois. February, 1999.
4. Division of Urology, University of Southern Illinois. Springfield, Illinois. February, 2002.
5. Division of Urology, University of Utah. Salt Lake City, Utah. March, 2002.
6. Department of Urology, University of Illinois at Chicago College of Medicine. Chicago Illinois, October, 2002.
7. Department of Urology, Tulane Medical School. New Orleans, Louisiana. June, 2003.
8. Department of Urology, University of California at San Francisco. San Francisco, California. March, 2004
9. Department of Urology Walter Reed Army Medical Center, Washington DC. March, 2004.

10. Department of Urology, Southwestern Medical School, Dallas Texas, August, 2004.
11. Department of Urology, University of Kansas Medical School, Kansas City, March 2005.
12. Division of Urology, University of New Mexico School of Medicine, Albuquerque, New Mexico. July, 2005.
13. Department of Urology, University of California at Los Angeles School of Medicine, Los Angeles, California, March, 2006.
14. Department of Urology, University of Kansas Medical School, Kansas City, February, 2006.
15. Department of Urology, Stanford University Medical School, Palo Alto, California, March, 2007

Fellows Mentored

1. 1997: Harald Trummer, M.D. – Assistant Professor, University of Graz, Graz Austria. Research fellowship, University of Colorado Medical School. Male reproductive physiology.
2. 2005: Joseph Dall'era, M.D. – Research Fellowship, The University of Colorado Medical School. Physiology of erectile dysfunction.

Publications

Textbook Chapters

1. Griffith D.P. and **Meacham R.B.**: Infection-induced urinary tract stones. In: Current Urologic Therapy. Edited by J.J. Kaufman, Philadelphia: W.B. Saunders Co., 1986, pp. 148-150.

2. **Meacham R.B.**, Huckins C., and Lipshultz L.I.: Anatomy and embryology of the testicle. In: Testicular Cancer. Edited by N. Javadpour. New York: Thieme, Inc., 1986, pp. 13-32.
3. Griffith D.P. and **Meacham R.B.**: Contemporary approaches to removal of renal and ureteral calculi, In: Renal Stone Disease: Pathogenesis, Prevention and Treatment. Edited by C.Y.C. Pak. Norwell, Mass.: Martinus Nihoff Publishing, 1988, pp. 253-271.
4. **Meacham R.B.** and Griffith D.P.: Management of the chronic struvite stone former with chronic urinary tract infection. In: Problems in Urology - Calculus Disease. Edited by D.L. McCullough. Philadelphia: J.B. Lippincott Co., 1987, pp. 660-667.
5. **Meacham R.B.** and Scardino P.T.: The role of transurethral resection of the prostate in the dissemination of prostatic carcinoma. In: The Prostate. Edited by J. Fitzpatrick and R.J. Krane. London: Churchill Livingstone, pp. 315-318, 1989.
6. Huckins C. and **Meacham R.B.**: Adult spermatogenesis: characteristics, kinetics and control. In: Infertility in the Male. Edited by L.I. Lipshultz and S.S. Howards. New York: Churchill Livingstone, pp. 84-102, 1991.
7. **Meacham R.B.** and Lipshultz L. I.: Transrectal Ultrasonography in the Evaluation of the Infertile Male. Advances in Urology. Edited by B. Lytton. St. Louis: Mosby Year Book, pp. 195-207, 1992.
8. **Meacham R.B.**: Diagnosis and treatment of varicocele in the infertile male. In: Decision Making in Reproductive Endocrinology. Edited by W.D. Schlaff, and J.A. Rock. Boston: Blackwell Scientific Publications, pp. 573-576, 1993.
9. **Meacham R.B.**, Lipshultz L.I., Howards S.S.: Male Infertility. Adult and Pediatric Urology. Edited by Gillenwater, J.Y. et al. St. Louis: Mosby Year Book, pp. 1747 -1802. 1996.
10. **Meacham R.B.** and Drose J.A.: Management of ejaculatory duct obstruction in the infertile male. Male Infertility and Sexual Dysfunction. Edited by Wayne J.G. Hellstrom. New York: Springer-Verlag, pp 189-200, 1997.
11. **Meacham R. B.**, Hewitt G. J.: Male infertility. Surgical Secrets, 4th Edition. Edited by Harken, A.H. and Moore, E.E. Philadelphia: Hanley & Belfus, pp 301-303, 2000.

12. Grampsas S. A., and **Meacham R.B.**: Ureteral and Renal Calculi. Surgical Decision Making 4th Edition. Edited by Norton, L.W. et al. Philadelphia: W.B. Saunders, pp 290-291, 2000.
13. Vanni A., and **Meacham R.B.**: Ureteral and Renal Calculi. Surgical Decision Making 5th Edition. Edited by McIntyre, R.C., Steigmann, G.C. and Eiseman, B., Philadelphia: Elsevier Saunders, pp 122-123, 2004
14. Vanni A., and **Meacham R. B.**: Male infertility. Surgical Secrets, 5th Edition. Edited by Harken, A.H. and Moore, E.E. Philadelphia: Hanley & Belfus, pp 329-330, 2004
15. Alam S., Niederberger C. S., **Meacham R.B.**: Evaluation and treatment of the infertile male. Men's Health. Edited by RS Kirby, C Carson, MG Kirby and RN Farah. London England, Taylor and Francis, pp 261-266, 2004
16. Mills J.N., Dey S.M., **Meacham, R.B.**: Evaluation and Treatment of Male Infertility. Reproductive Endocrinology and Infertility. Edited by Alvero, R. and Schlaff, W., Philadelphia: Mosby Elsevier, pp 169-183, 2006.
17. Niederberger CS, Joyce GF, Wise M, **Meacham R.B.**: Male Infertility, in Litwin MS, Saigal CS, eds. Urologic Diseases in America. US Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases. Washington, DC: US Government Publishing Office, 2007; NIH Publication No. 07-5512: pp 459-481
18. Mills J. N., **Meacham R. B.**: Non-surgical management of male infertility: Specific therapy. Accepted, In Press in: Infertility in the Male. Edited by L.I. Lipshultz, S.S. Howards and Niederberger C.S.

Scientific Articles

1. Scardino P.T., Frankel J.M., Wheeler T.M., **Meacham R.B.**, Hoffman G.S., Seale C. Wilbanks J.H., Easley J. and Carlton C.E., Jr.: The prognostic significance of post-irradiation biopsy results in patients with prostatic cancer. Journal of Urology 135:510-516, 1986.

2. **Meacham R.B.**, Libby J.M. and Griffith D.P.: New techniques for the elimination of upper tract urinary stones. *Texas Medicine* 83:34, 1987. **(Winner of the Harriett Cunningham Citation for Meritorious Scientific Writing.)**
3. Libby J.M., **Meacham R.B.** and Griffith D.P.: The role of silicone ureteral stents in extracorporeal shock wave lithotripsy of large renal calculi. *Journal of Urology* 139:15, 1988.
4. **Meacham R.B.**, Mata J.A., Espada R., Wheeler T.M. Schum C. Scardino, P.T.: Testicular metastasis as the first manifestation of colon carcinoma. *Journal of Urology* 140:621, 1988.
5. **Meacham R.B.**, Scardino P.T.: Salvage radical prostatectomy for recurrent prostate cancer after radiotherapy. *World Journal of Urology* 7:51-56, 1989.
6. **Meacham R.B.**, Scardino P.T., Hoffman G.S., Easley J.D., Willbanks J.H., and Carlton C.E., Jr.: The risk of distant metastasis after TURP versus needle biopsy in patients with localized prostate cancer. *Journal of Urology* 142:320-325, 1989.
7. **Meacham R.B.** and Lipshultz L.I.: Evaluation of the infertile male. *Urology Grand Rounds* 32, 1990.
8. **Meacham R.B.** and Lipshultz L.I.: The Impact of invitro fertilization on male infertility. *Seminars Reproductive Endocrinology* 8(4): 281-289, 1990.
9. **Meacham R. B.** and Lipshultz L.I.: Assisted Reproductive Technologies in the Treatment of Male Infertility. *Current Opinion in Obstetrics and Gynecology* 3(5): 656-661, 1991.
10. **Meacham R.B.**: The role of testis biopsy in the evaluation of the infertile male. *Contemporary Urology* 4(3): 63-70, 1992.
11. Hellerstein D.K., **Meacham R.B.**, Lipshultz L.I.: Transrectal Ultrasound and Partial Ejaculatory Duct Obstruction in Male Infertility. *Urology* 39(5): 449-452, 1992.
12. Murray M.A., **Meacham R.B.**: The effect of age on male reproductive function. *World Journal Of Urology* 11(2): 137-140, 1993.
13. **Meacham R.B.**, Hellerstein D.K., Lipshultz L.I.: Evaluation and treatment of ejaculatory duct obstruction in the infertile male. *Fertility and Sterility* 59(2): 393-397, 1993.

14. **Meacham R.B.**, Townsend R.R., Rademacher D., Drose J.A.: The incidence of varicoceles in the general population when evaluated by physical examination, gray scale sonography and color Doppler sonography. *Journal of Urology* 151: 1535-1583, 1994.
15. **Meacham R.B.**, Murray M.A.: Reproductive function in the aging male. *Urologic Clinics of North America*, 21(3): 549-556, 1994.
16. Townsend R.R., **Meacham R.B.**, Drose J.A.: Color Doppler Evaluation of Urethral Diverticulum. *Journal of Ultrasound in Medicine* 13: 309-311, 1994.
17. Lipshultz L.I., Fisch H., Lamb D.J., **Meacham R. B.**, Niederberger C.S: Is semen quality declining? *Contemporary Urology*, 50-62, 1996.
18. **Meacham R.B.**, Walsh, R.A., Drose, J.A.: Limitations of ultrasonography in the diagnosis of upper tract urinary obstruction. *Journal of Diagnostic Medical Sonography*. 11(6): 320-323, 1995.
19. **Meacham R.B.**, Townsend R.R., Drose J.A.: The use of transrectal ultrasonography in the evaluation and treatment of ejaculatory duct obstruction. *American Journal of Rentgenology* 165(6): 1463-1466, 1995.
20. **Meacham R.B.**, May D.J.: The use of ultrasound in the evaluation and treatment of Male infertility. (Selected as **one of the top 10 articles of the year** by the journal). *Journal of Diagnostic Medical Sonography* 12(3): 119-126, 1996.
21. **Meacham R.B.**: BPH: Evaluation and medical management in primary care. *Federal Practitioner* 13(105) 11-13, 1996.
22. **Meacham R.B.**, Niederberger C.N.: Use of a moderated international internet information exchange in the study of male reproduction. *Urology* 48(1): 3-6, 1996.
23. Glass M.J., **Meacham R.B.**: Typical and atypical presentations of testicular carcinoma. *Journal of Diagnostic Medical Sonography* 13(1): 17-21, 1997.
24. Gerig N.E., **Meacham R.B.**, Ohl D.A.: The use of electroejaculation in the treatment of ejaculatory failure secondary to diabetes mellitus. *Urology* 49(2): 239-242, 1997.

25. Trummer H., Caruso A.P., **Meacham R.B.**: The Use of transrectal ultrasound in the management. of prostatic abscess. *Journal of Diagnostic Medical Sonography* 13(6): 288-290, 1997.
26. Walsh R.A. Drose J.A., **Meacham R.B.**: High Flow Priapism Secondary to Injury of the Cavernosal Artery. *Urology* 51(1): 114-115, 1998.
27. Janik T., Cheng T. Y., **Meacham R.B.**: Construction of a Flow Phantom for Use in Color Power Sonography. *Journal of Diagnostic Medical Sonography* 25(1): 23-25, 1998.
28. Trummer H., Tucker K. Young C., Kaula N. **Meacham R.B.**: Motility of human sperm is better preserved following long-term cryopreservation at -196°C compared to -70°C. *Fertility and Sterility* 70(6): 1162-4, 1998.
29. **Meacham R.B.**, DeAntoni E., Drose J.A, Niederberger C.S., Sarram A.M., Whitesel J.A., Zolle M.: The impact of digital information technology on the practice of urology. *Contemporary Urology* 11(10): 40-57, 1999.
30. Lipshultz L.I., **Meacham R.B.**: Male Infertility: Causes and Management. *Family Urology* (publication of the American Foundation for Urologic Disease). 3(2) 19-22, 1998.
31. Sarram A.M., Oottamasathie S., **Meacham R.B.**: Intraoperative sonographic localization of renal calculi. *Journal of Diagnostic Medical Sonography*. 14:116-118, 1998
32. **Meacham R.B.**, DeAntoni E., Drose J.A, Niederberger C.S., Sarram A.M., Whitesel J.A., Zolle M.: The impact of digital information technology on the practice of urology. *Contemporary Urology* 11(10): 40-57, 1999.
33. Niederberger C.S. and **Meacham R.B.**: Reproductive medicine on the internet and the world wide web. *Infertility and Reproductive Medicine Clinics of North America*. 10(3): 621-630, 1999.
34. Trummer H., Caruso A.P., Lipshultz L.I., **Meacham R.B.**: Recent developments in the evaluation and treatment of male infertility. *Infections in Urology*. 13(4): 87-94, 2000.
35. **Meacham R.B.**, Childs S.J.: Testis conservation in the setting of intratesticular tumor – the role of intraoperative ultrasound guidance. *Journal of Diagnostic Medical Sonography*. 16: 191-193, 2000.

36. Kelk D.A., Espinoza B.S. and **Meacham R.B.**: The Use of Assisted Reproductive Technologies in the Management of Male Factor Infertility. *Mediguide to Urology* 13(5):1-5, 2000.
37. Oottamasathien S., May D.J., **Meacham R.B.**: Telomerase: It's current role in the detection of urologic malignancies. *Contemporary Urology*. Vol, 69-74, 2000.
38. **Meacham R.B.**: Androgen Replacement in the Aging Male. *Infections in urology*, 14(2) 30, 2001.
39. **Meacham R.B.**: The clinical utility of semen pH determination. *Journal of Andrology*. 23(3) 330, 2002.
40. **Meacham R.B.**: Is there a role for testis biopsy in the patient with completely non-motile spermatozoa? *Journal of Andrology*. 23(4) 482, 2002.
41. **Meacham R.B.**: Potential for vasal occlusion among men after hernia repair using mesh. *Journal of Andrology*. 23(6), 759, 2002.
42. Kim E.D., Barqawi A.Z., Seo J.T., **Meacham R.B.**: Apoptosis: it's importance in spermatogenic function. *Urologic Clinics of North America*, 29 (4): 755-765, 2002.
43. Sinclair J. F., Niederberger C.S., **Meacham R.B.**, Diagnosing androgen deficiency in the aging male. *Contemporary Urology*, 15(4):70-79, 2003
44. **Meacham R.B.**: Testicular Sperm Retrieval in the Management of Chemotherapy-Induced Azoospermia. *Journal of Andrology*, 24 (6): 807, 2003.
45. **Meacham R.B.**: Management of psychogenic anejaculation. *Journal of Andrology*, 24: 170, 2003.
46. **Meacham R.B.**: Androgen replacement therapy: treatment advances and clinical implications. *Rev Urol*, 5(4):245-7, 2003
47. **Meacham R.B.**: Criteria for determining that a vasectomy has succeeded. *Journal of Andrology*, 24: 494, 2003.
48. Myers J.B., **Meacham R.B.**: Androgen Replacement Therapy in the Aging Male. *Reviews in Urology*. 5(4): 216-226, 2003.

49. Niederberger C.S., **Meacham R.B.**: Management of male infertility. *Reviews in Urology*, 5(3): 200-203, 2003.
50. Barqawi A., Caruso, A.P., **Meacham R.B.**: Experimental varicocele induces testicular germ cell apoptosis in the rat. *Journal of Urology*, 171: 501-503, 2004.
51. **Meacham R.B.**: Androgen Replacement Therapy: A new treatment option, and the impact of testosterone replacement on serum PSA and the short-term risk of prostate cancer. *Reviews in Urology*, 5(4), 245-247, 2003.
52. **Meacham R.B.**: Androgen Replacement Therapy and Prostate Cancer: Is androgen replacement therapy safe in high-risk patients? *Reviews in Urology*, 6(2), 93-94, 2004.
53. Maroni, P.D., Koul, S. **Meacham R. B.**, Koul, H. K.: Mitogen activated protein kinase signal transduction pathways in the prostate. *Cell Communication and Signaling*, 2(5), 2004.
54. McManus, M.C., Barqawi, A, **Meacham R.B.**, Furness, P.T., Koyle,M.A.: Furness P: Laparoscopic varicocele ligation: Are there advantages compared to the microscopic subinguinal approach? *Urology* 64(2), 357-360, 2004.
55. Barqawi, A., Trummer, H., **Meacham R.B.**: The Effect of Prolonged Cryptorchidism on Germ Cell Apoptosis and Testicular Sperm Count. *The Asian Journal of Andrology*, 6(1), 47-51, 2004.
56. **Meacham R.B.**: Is there a role for cloning in human reproduction? *Journal of Andrology*, 25, 179-181, 2004.
57. Koul, H. K., Maroni, P., **Meacham R. B.**, Crawford, E. D. and Koul, S: p42/p44 MAP kinase signal transduction Pathway: A novel target for the treatment of Hormone resistant prostate cancer? *Ann N Y Acad Sci.* 1030: 243-252, 2004.
58. Koul S., Huang M., Chaturvedi L., **Meacham R.B.**, Koul H.K.. p42/p44 MAP kinase signal transduction pathway regulates Interleukin-6 expression in PC3 cells, a line of Hormone refractory Prostate Cancer cells *Ann N Y Acad Sci.* 1030: 253-7, 2004.
59. **Meacham R.B.**: Sperm cryopreservation in the teenage male: technical and psychological considerations. *Journal of Andrology*, 25, 466-467, 2004.

60. Maroni, P.D., Koul, S., Chandhoke, P.S., **Meacham R.B.** Koul, H.K.. Effects of oxalate on IMCD cells, a line of mouse Inner Medullary Collecting Duct cells. *J Urol.* 2005 Aug;174(2):757-60.
61. Mills J.N., Barqawi A., Koul S., Koul H., **Meacham R.B.**: The molecular basis of erectile dysfunction: from bench to bedside. *Reviews in Urology.* 7(3): 128-134, 2005.
62. **Meacham R.B.**: Management of testicular rupture in the non-acute setting – explore or observe? *Journal of Andrology,* 25(6):864, 2004.
63. **Meacham R.B.**: Strategies for enhancing sperm survival in specimens obtained from patients with retrograde ejaculation. *Journal of Andrology,* 26(2):174-5, 2005.
64. **Meacham R.B.**: Use of Electroejaculation in the presence of anal stenosis. *Journal of Andrology.* 26(6):671-2, 2005.
65. Wald M., **Meacham R.B.**, Ross L.S., Niederberger C.S.: Testosterone Replacement Therapy for Older Men. *Journal of Andrology.* 27(2):126-32, 2006.
66. **Meacham R.B.**: The effect of calcium channel blockers on male reproductive potential. *Journal of Andrology,* 27 (2), 160, 2006.
67. Kramer W. C., **Meacham R.B.**: Vasal Reconstruction Above the Internal Inguinal Ring: What Are The Options? *Journal of Andrology,* 27(4):481- 482, 2006.
68. **Meacham R.B.**: Non-surgical management of Peyronie’s disease – are we making any progress? *Journal of Urology,* 176(1):12-3, 2006.
69. Dall’era J., Mills J.N., Koul H, **Meacham R.B.**: Penile rehabilitation after radical prostatectomy: important therapy or wishful thinking? *Reviews in Urology,* 8(4), 209-215, 2006.
70. Byrne L.N., **Meacham R.B.**: Management of post-ejaculatory perineal pain. *Journal of Andrology,* 27(6): 710, 2006.
71. Mills J.N., **Meacham R.B.**: Evaluation of unexplained secondary azoospermia. *Journal of Andrology,* 28(2): 214-215, 2007.

72. **Meacham R. B.:** Globozoospermia: Is there a role for varicocele repair? *Journal of Andrology*. 28(4), 2007.
73. **Meacham R.B.,** Joyce G.F., Wise, M., Kparker A., Niederberger C.S.: Urologic Diseases in America Project: Male Infertility. *Journal of Urology*, 177(6): 2058-66, 2007.
74. Dall'Era J.E., Koul S., Mills J.N., Myers J.B., **Meacham R.B.,** Koul H.K.: In-vivo transfection of the rat corpus cavernosum using a non-viral, linear polyethylenimine gene delivery system: a novel application. *Gene Therapy and Molecular Biology*, **Accepted - In Press, 2006.**
75. Mills J.N., Dall'Era J.E., Carlsen S.N., Koul H.K., **Meacham R.B.:** Gene therapy for erectile dysfunction. *Pharmacogenetics*. Aug; 8(8): 979-84, 2007. Review.
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