

CURRICULUM VITAE

Name: Marc Goldstein, M.D., D.Sc.,(hon.), F.A.C.S.

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Education

1968 B.S. cum laude, City University of New York, Brooklyn College,
Brooklyn N.Y.

1972 M.D. summa cum laude, State University of New York, Downstate
Medical Center, Brooklyn, N.Y.

Professional Appointments

1972-1973 Surgical Intern, The Columbia-Presbyterian Medical Center,
New York, N.Y.

1973-1974 Surgical Resident, The Columbia-Presbyterian Medical Center,
New York, N.Y.

1974-1976 Captain, United States Air Force, Medical Corps, Flight Surgeon

1976-1977 Major, United States Air Force, Medical Corps, Flight Surgeon

1977-1980 Assistant Instructor, Resident, and Chief Resident, Department
of Urology, State University of New York, Downstate Medical Center,
Brooklyn, N.Y.

1980-1982 Assistant Professor of Urology, Department of Urology, SUNY
Downstate Medical Center, Brooklyn, N.Y.

1980-1982 Assistant Attending Surgeon, University Hospital, SUNY Downstate
Medical Center and Kings County Hospital Center, Brooklyn, N.Y.

1980-1982 Fellow-in-Residence, The Population Council, The Rockefeller
University, New York, N.Y.

1980-1983 Research Associate, The Rockefeller University, New York, N.Y.

- 1980-1986 Associate Physician, The Rockefeller University Hospital, New York, N.Y.
- 1986-1987 Visiting Associate Physician, The Rockefeller University Hospital, New York, N.Y.
- 1982-1988 Assistant Attending Surgeon (Urology) The New York Hospital, New York, N.Y.
- 1982-1988 Assistant Professor of Surgery (Urology) Cornell University Medical College, New York, N.Y.
- 1982-2003 Staff Scientist, The Population Council, Center for Biomedical Research, New York, N.Y.
- 1982-1993 Director, The Male Reproduction and Microsurgery Unit, Department of Surgery, Division of Urology, The New York Hospital-Cornell Medical Center, New York, N.Y.
- 1988-1993 Associate Attending Surgeon (Urology) The New York Hospital, New York, N.Y.
- 1988-1993 Associate Professor of Surgery (Urology) Cornell University Medical College, New York, N.Y.
- 1990-1993 Associate Professor of Surgery (Urology) with indefinite tenure, Cornell University Medical College, New York, NY
- 1993- Director, Division of Male Reproductive Medicine and Microsurgery, Department of Urology, The New York Hospital-Cornell Medical Center, New York, N.Y.
- 1993-1994 Associate Attending Urologist, The New York Hospital, New York, N.Y.
- 1993-1994 Associate Professor of Urology with indefinite tenure, Cornell University Medical College, New York, N.Y.
- 1994- Professor of Urology with indefinite tenure, Cornell University Medical College, New York, N.Y.
- 1994- Attending Urologist, The New York Hospital, New York, N.Y.
- 2000- Professor of Reproductive Medicine, Professor of Urology, Executive Director, Men's Service Center, Cornell Institute for Reproductive Medicine, Weill Medical College, Cornell University, New York, NY.
- 2000- Surgeon-in-Chief, Male Reproductive Medicine and Surgery, New York Weill-Cornell Medical Center, New York, NY.

- 2004-2014 Senior Scientist, The Population Council, Center for Biomedical Research, New York, NY
- 2015- Adjunct Senior Scientist, The Population Council, Center for Biomedical Research, New York, N.Y.
- 2008 Matthew P. Hardy Distinguished Professor of Reproductive Medicine and Urology

Boards and Fellowships

- 1973 Diplomate of the National Board of Medical Examiners
- 1982 Diplomate of the American Board of Urology
- 1985 Fellow of the American College of Surgeons

Professional Memberships

Alpha Omega Alpha Honor Medical Society
 American Society of Andrology
 International Microsurgical Society
 American Society of Reproductive Medicine
 American Medical Association
 New York County Medical Society
 American Urological Association
 Society for the Study of Reproduction
 Society of Reproductive Surgeons
 Society for the Study of Male Reproduction
 Society for Male Reproduction and Urology

Honors and Awards

- 1969 Honor Scholarship, College of Medicine, S.U.N.Y., Downstate Medical Center, Brooklyn, N.Y.
- 1969-70 Summer Research Fellowship, College of Medicine, S.U.N.Y., Downstate Medical Center, Brooklyn, N.Y.
- 1971 Alpha Omega Alpha
- 1980-82 Ferdinand C. Valentine Fellowship Award of the New York Academy of Medicine
- 1980-82 American Urological Association Scholar Award
- 1981 Grand Prize Winner, Ferdinand C. Valentine Urology Prize Essay Contest of the N.Y. Academy of Medicine and the New York Section of the American Urological Association
- 1983-2000 Sponsor or co-sponsor of 15 prize-winning papers, Ferdinand C. Valentine

Essay Contest, New York Academy of Medicine and New York Section,
American Urological Association

- 1986 First Prize, Best Movie "Microsurgical vaso-vasostomy: An atraumatic multilayer technique", Annual Meeting. American Fertility Society and Canadian Fertility and Andrology Society 9/27-10/2
- 1987 Video Urology, Award for Excellence in Video Production. "Microsurgical vaso-vasostomy"
- 1988 Commissioned a Kentucky Colonel, Commonwealth of Kentucky
- 1990 Video Urology, Award for Excellence in Video Production. "No-scalpel vasectomy"
- 1994 Co-Author, Best Poster, Infertility Session, Annual Meeting of the American Urological Association
- 1994 Senior Author, Urology Residents Prize Paper, Annual Meeting of the American Fertility Society
- 1994 Co-Author, Hamilton-Thorn Prize for best paper of the year in the Journal of Andrology
- 1995 Co-Author, Urology Prize Paper, Annual Meeting of the American Society of Reproductive Medicine
- 1995 Best Urology Video, Annual Meeting of the American Society of Reproductive Medicine
- 1996 President, Society for Male Reproduction and Urology, American Society of Reproductive Medicine
- 1997 Master Teacher in Urology Award, Alumni Association, College of Medicine, State University of NY Health Sciences Center at Brooklyn
- 1997 RESOLVE, New York City Chapter Award for "Outstanding Dedication and Commitment to Family Building"
- 1999 American Infertility Association Award for Special Contribution and Continued Devotion to Family Building.
- 2000 Visiting Professor and Immergut Lectureship, Maimonides Medical Center, Brooklyn, NY.
- 2001 Annual Visiting Professor and Judge-6th Annual Resident's Day Competition SUNY, Upstate NY Urological Association, Syracuse, NY.

- 2002 Paul Peter's Symposium Visiting Professor, Dept. of Urology, University of Texas Southwestern, Dallas, Texas.
- 2002 Annual Visiting Professor Dept. of Urology, University of Michigan, Ann Arbor, Michigan.
- 2002 Distinguished Alumni Achievement Award, State University of New York Downstate Medical Center, College of Medicine.
- 2002 John Kingsley Lattimer Award in Urology from the Kidney and Urology Foundation of America.
- 2002 First Prize, Best Videotape "Ultra-Precise Multi-Layer Microsurgical Vasovasostomy: Tricks of the Trade", Marc Goldstein, Peter Chan, Philip Li. Annual Meeting American Urological Association.
- 2002 First Prize, Best Research Paper, "Intussusception vasoepididymostomy, comparison of three techniques in rats", Peter Chan, Philip Li, Marc Goldstein. Annual Meeting of Canadian Urological Association.
- 2002 First Prize, Best Urology Video, "Three techniques of microsurgical intussusception vasoepididymostomy: Cost-effective options for obstructive azoospermia", Marc Goldstein, Peter Chan, Philip Li. Annual Meeting of American Society for Reproductive Medicine.
- 2003 First Prize, Best Videotape "Microsurgical Intussusception Vasoepididymostomy: Tricks of the Trade", Marc Goldstein, Peter Chan, Philip Li. Annual Meeting American Urological Association.
- 2004 Bonei Olam Medical Achievement Award.
- 2004 First Prize, Best Urology Paper, "Comparison of patency rates, pregnancy and late failures in four techniques of vasoepididymostomy in 143 consecutive patients", Jonathan Schiff D, Peter T. Chan, Philip Li S, Samuel Finkelberg, Marc Goldstein. Annual Meeting of American Society of Reproductive Medicine.
- 2007 The Howard and Georgeanna Jones Lifetime Achievement Award of the American Fertility Association presented by Sugar Ray Leonard
- 2007 Ethicon Endo-surgery, Inc, Endowed Lecture. Annual Meeting of American Society of Reproductive Medicine.
- 2008 Honorary Doctor of Science, State University of New York, Downstate Medical Center
- 1990 - present "Best Doctors in New York", New York Magazine
- 1995 - present "Best Doctors in America"

- 2000 - present “America’s Top Doctors”, Castle-Connolly Medical, LTD.
- 2000-2012 “Who’s Who in Medicine and Healthcare”
- 2000-2012 “Who’s Who in America”, Marquis Who’s Who
- 2009 John Coleman, M.D. Teaching Award. Department of Urology, Weill-Cornell Medical College.
- 2009 Alpha Omega Alpha Honor Medical Society ETA Chapter of New York
Visiting Professor and Guest Lecturer, SUNY Downstate Medical Center.
- 2009 Tribute Honoree, Residents and Fellows Alumni Society of SUNY
Downstate Medical Center.
- 2011 Star Award, American Society of Reproductive Medicine
- 2012 Star Award, American Society of Reproductive Medicine
- 2013 Video Award, First Prize for Technical Achievement, “A simplified, no flip, Shang Ring circumcision technique in adolescents”. E.C. Osterberg, H. You, B. Yan, R. Lee, P. Li, Goldstein M, Annual Meeting ASRM.
- 2013 Star Award, American Society of Reproductive Medicine
- 2014 Star Award, American Society of Reproductive Medicine

Patents

- 1987 Goldstein, M.: Microspike surgical approximator.
Patent Number 4,635,636; January 13, 1987
Assignee: Cornell Research Foundation, Inc., Ithaca, NY
Licensee: Accurate Scientific and Surgical Instrument Corp.,
Westbury, NY
- 1990 Goldstein, M.: Percutaneous vasectomy method.
Patent Number 4,920,982. May 1, 1990.
Assignee: Vastech Medical Products, New York, NY
- 1995 Goldstein, M.: Aim improving self-aligning golf shoes
Patent Number 5,381,614. January 17, 1995
- 1999 Schulsinger, D.A., Li, P., Goldstein, M.: Method and apparatus
for support and tubularization of surgical grafts.
Patent Number 5,902,228, May 11th, 1999.
- 1999 Schulsinger, D.A., Li, P., Goldstein, M.: Microsurgical suture needle
Patent Number 5,897,572, April 27th, 1999.

- 1999 Schulsinger, D.A., Li, P., Goldstein, M.: Medium for Preserving tissue and Method for Autotransplantation Using Medium for Preserving Tissue Patent Number 5,925,510, July 20th, 1999.
- 2001 Goldstein, M.: Bicycle Saddle Patent Number 6,231,122, May 15th, 2001.
- 2002 Goldstein, M.: Vas Irrigation Solution. Patent Number WO2002085180 A2, October 31, 2002.
- 2003 Chan P.T.K., Li, P.S., Goldstein, M.: Multi-Needle Holding Device. Patent Number 0004523 A1, January 2, 2003.

Committees and Course Chairs

- 1984-Present Advisory Committee, Association for Voluntary Surgical Contraception
- 1988-90 Nominating Committee, American Society of Andrology
- 1989-91 Fellowship Committee, Society of Reproductive Surgeons
- 1989 National Institutes of Health - Participant; Concept Clearance meeting on vaso-vasostomy
- 1990-92 Audio-Visual Committee, American Urological Association
- 1991-98 Chairman, Post-Graduate Course, Male Infertility Annual Meeting, American Urological Association
- 1992-94 Program Committee and Team Leader: Infertility. Annual Meeting of the American Urological Association
- 1992-94 Chairman, Post-Graduate Course Committee, Annual Meeting of the American Society of Andrology
- 1992-93 Membership Committee, American Fertility Society
- 1994-99 Male Reproduction and Urology Committee, American Society of Reproductive Medicine
- 1995-Present Program Committee, Annual Meeting of the American Urological Association
- 1996-1998 Program Committee, Annual Meeting of the American Society of Reproductive Medicine
- 1998-Present Physician Advisory Group, National RESOLVE
- 1998-99 Chairman, Liaison Committee, Male Reproduction and Sexual Dysfunction, American Society of Reproductive Medicine
- 1998-2000 Research Award Committee, Cornell University Medical College
- 2000-03 Executive Council, American Society of Andrology
- 2000 Chairman, Post-Graduate Course, Annual Meeting, American Society of Reproductive Medicine
- 2000-Present Executive Faculty Council- Weill Medical College, Cornell University
- 2000-Present Executive Committee- New York Weill Cornell Medical Center
- 2000-Present Committee of Review- Weill Medical College, Cornell University
- 2001 Co-Chairman, Post-Graduate Course, American Society of Andrology

Annual Meeting.
2002-Present Robot Committee- New York Weill Cornell Medical Center
2002-2007 Chairman, Post-Graduate Course, Male Infertility, Annual Meeting,
American Urological Association
2008 Chairman, Post-Graduate Course, American Society of Andrology

Editorial Appointments

1983-Present Editorial Board, *Microsurgery*
1991-1993 Editorial Board, *Journal of Andrology*
1992-1993 Editorial Board, *The Andrology Report*
2001-Present Editorial Board, *Journal of Andrology*
2011 Editorial Board, *Fertility & Sterility*

Military

Major, USAF, M.C., F.S.

Active Duty: July 3, 1974 to July 3, 1977. Inactive Reserve: 1977-1990. Honorable Discharge: 1990.

Graduate of the School of Aerospace Medicine, Brooks AFB, Texas.

Flew over 80 overseas missions as a rated Flight Surgeon in F-4 Phantom aircraft.

Established and operated a bare-base medical facility 120 miles north of the Artic Circle at the Bardufoss Royal Norwegian AFB, Norway.

Was the Flight Surgeon assigned to highly classified overseas U-2 mission.

Established a vasectomy clinic at RAF Alconbury, England.

Commendations for administrative skills and participation in NATO exercise Atlas Express.

Other

Competed in and finished 20 New York City Marathons, 1978-2005.

Member of The Athletics Congress and NY Road Runners Club.

Associate Member of the British Mountaineering Council, 1974-1975.

Publications

1. Goldstein M. Use of fresh human placenta for microsurgical training. *J. Microsurgery* 1979; 1:70-71.
2. Goldstein M and Feldberg M. *The Vasectomy Book: A Complete Guide to Decision Making*. Los Angeles, CA: Houghton-Mifflin Company; 1982.
3. Goldstein M and Young GHP. Microsurgical orthotopic testicular transplantation in isogenic rats 16 mm color film with sound., copyright, 1982
4. Einarsson G, Goldstein M, and Laungani G. Penile replantation. *Urology* 1983; 22:404-405.
5. Goldstein M. Microsurgical replantation of amputated penis (Let. ed.). *Urology* 1983; 2:237.
6. Goldstein M. Vasectomy and vasectomy reversal. In: Krieger D and Bardin CW, eds. *Current Therapy in Endocrinology 1983-1984*. Burlington, Ontario: B.C. Decker Inc., C.V. Mosby Company; 1983: 383-388.
7. Goldstein M. Vasectomy failure using an open ended technique. *Fertil. Steril.* 1983; 40:699-700.
8. Goldstein M and Bardin CW. Impotence. In: D.T. Krieger D.T. and Bardin CW, eds. *Current Therapy in Endocrinology, 1983-1984*. Burlington, Ontario: B.C. Decker Inc, C.V. Mosby Co.; 1983: 379-382.
9. Goldstein M. Kessler R, and Rife CC. When your patient asks about vasectomy, In: Demarest CB, ed. *Patient Care*, vol. 17 1983; 166-197.
10. Goldstein M, Phillips DM, Sundaram K, Young GPH, Gunsalus GL, Thau R and Bardin CW. Microsurgical transplantation of testes in isogenic rats: Method and function. *Biol. Reprod.* 1983; 28:971-982.
11. Goldstein M and Waterhouse K. When to use the Chevassu maneuver during exploration of intrascrotal masses. *J. Urology* 1983; 130:1199-1200.
12. Goldstein M, Young GPH, and Einer-Jensen N. Testicular artery damage due to infiltration with a fine gauge needle: Experimental evidence suggesting that blind cord block should be abandoned. *Surgical Forum* 1983; 24:653-656.
13. Musto N, Gunsalus G, Cheng CY, Tsong SD, Goldstein M, Phillips D, and Bardin CW. Identification of androgen-binding proteins and their localization in the testis and male reproductive tract. In: D'Agata R, Lipsett MB, Polosa P and van der Molen HJ, eds. *Recent Advances in Male Reproduction*:

Molecular Basis and Clinical Implications. New York: Raven Press; 1983:37-45.

14. R.B. Thau RB, Y. Yamamoto Y, Goldstein M, P.H. Ehrlich PH, Witkin SS, G.N. Burrow GN, R.E. Canfield RE, and Bardin CW. Characterization of a human anti-hCG antiserum: A proposed standard for laboratories involved with the development of hCG vaccine. *Contraception* 1983; 27:627-637.
15. Witkin SS, Bongiovanni AM, Ing RY, Goldstein M, Wallace J, and Sonnabend J. Humoral immune responses in healthy heterosexual, homosexual, and vasectomized men and in homosexual men with the acquired immune deficiency syndrome. *AIDS Research* 1983; 1:31-44.
16. Goldstein M. Update on new tests in the evaluation of male infertility. *Am. Urol.Assn.Update Series* 1984; 3:1-8.
17. Goldstein M and Bardin CW. Impotence. In: Bayless TM, Brain MC and Cherniak, RM, eds. *Current Therapy in Internal Medicine* 1984-85. Burlington, Ontario: B.C. Decker, Inc., C.V. Mosby Co.; 1984: 552-555.
18. Goldstein M, Laungani G, Abrahams J, and Waterhouse K. Correction of adult penile curvature with a Nesbit operation. *J. Urology* 1984; 131:56-58.
19. Roman SH, Goldstein M, Kourides IA, Comite F, Bardin CW, and Krieger DT. The LHRH agonist D-Trp6-Pro9-NEt-LHRH did not lower LH, FSH, alpha-subunit, or testosterone levels in a patient with a LH-secreting pituitary tumor. *J. Clin. Endocrinol. Metab.* 1984; 58:313-319.
20. Sundaram K, Thau RB, Goldstein M, Phillips DM, Rivier J, Vale W, and Bardin CW. Effect of an LHRH agonist on pituitary and testicular function in rhesus monkeys. *J. Reprod. Fert.* 1984; 72:365-371.
21. Young GPH, Young JDE, Deshpande AK, Goldstein M, Koide SS, and Cohn ZA. A Ca⁺⁺-activated ion channel from *Xenopus laevis* oocyte membranes reconstituted into planar bilayers. *Proc. Natl. Acad. Sci. USA* 1984; 81:5155-5159.
22. Goldstein M. Microspike approximator for vaso-vasostomy. *J. Urol.* 1985; 134:74.
23. Goldstein M. Vasectomy and vasectomy reversal. In: Krieger D and Bardin CW, eds. *Current Therapy in Endocrinology*, 1985-1986. Burlington, Ontario 1985:180-185.
24. Goldstein M. Open-ended vasectomy. *Fertil. Steril.* 1985; 43:667-668.
25. Goldstein M and Blank M. Medical treatment of infertility. *Seminars in Urol.* 1985; 3:185-192.

26. Goldstein M and Feldberg M. *The Vasectomy Book: A Complete Guide to Decision Making* 2nd Edition, Wellingborough, England: Turnstone Press. Thorsons Publishing Group, Ltd.; 1985.
27. Goldstein M and Hariri RJ. Dual ended multi-function tools for microsurgery. *J. Microsurgery* 1985; 6:251-252.
28. Tiffany P and Goldstein M, Aperistalsis of the vas deferens corrected with administration of ephedrine. *J. Urol.* 1985; 133:1060-1061.
29. Goldstein M. The future of male birth control. *Planned Parenthood Review* 1986; 6:11-12.
30. Goldstein M and Blank W. Microsurgical vaso-vasostomy: An atraumatic multilayer technique. 15 minutes color and sound. Aegis Productions 1986.
31. Kurz K and Goldstein M. Scrotal temperature reflects intratesticular temperature and is lowered by shaving. *J. Urology* 1986; 135:290-292.
32. Blank W and Goldstein M. Male reproductive physiology. In: Riddick D, ed. *Reproductive Physiology in Clinical Practice*. New York: Thieme-Stratton, Inc.; 1987: 101-118.
33. Mellinger BC and Goldstein M. New areas of research in male infertility. *Urologic Clinics of North America* 1987; 14:619-632.
34. Mellinger BC, Vaughan ED, S.L. Thompson SL, and Goldstein M. Correlation between intracavernous papaverine injection and Doppler analysis in impotent men. *Urology* 1987; 30:416-419.
35. Phillips DM, Goldstein M, Zacharopoulos V, and Hempstead P. Tubules in semen of infertile patients: A case report. *J. Androl.* 1987; 8:61-63.
36. Gilbert BR and Goldstein M. New directions in male reproductive microsurgery. *Microsurgery*. 1988; 9:281-285.
37. Goldstein M. Open testicular biopsy. In: Garcia CR, Mastroianni L, Amelar R, Dubin L, eds. *Current Therapy in Infertility*. Toronto: B.C. Decker, Inc.; 1988:171-172.
38. Goldstein M. Intracavernous injection of vasoactive drugs after radical prostatectomy (Editorial). *J. Urol.* 1988; 139:800.
39. Goldstein M. Vasectomy and vasectomy reversal. In: Bardin CW, ed. *Current Therapy in Endocrinology (1985-1986)*. Burlington, Ontario 1988:263-268.
40. Goldstein M and Blumberg N. Correction of severe penile curves with tunica albuginea autografts. *J. Urol.* 1988; 139:1269-1270.

41. Goldstein M and Schlossberg S. Men with congenital absence of the vas deferens often have seminal vesicles. *J. Urology* 1988; 140:85-86.
42. Sealey JE, Goldstein M, Pitarresi T, Kudlak TT, Glorioso N, and Laragh JH. Prorenin secretion from human testis: No evidence for secretion of active renin or angiotensinogen. *J. Clin. Endocrinol. Metab.* 1988; 66:974-978.
43. Thau RB, Goldstein M, Yamamoto Y, Burrow GN, Phillips DM, and Bardin CW. Failure of gonadotropin therapy secondary to chorionic gonadotropin induced antibodies. *J. Clin. Endocrinol. Metab.* 1988; 66:862-867.
44. Witkin SS and Goldstein M. Reduced levels of T suppressor/cytotoxic lymphocytes in semen from vaso-vasostomized men: Relationship to sperm autoantibodies. *J. Reprod. Immunol.* 1988; 14:283-290, 1988.
45. Witkin SS, Vogel-Rocuzzo R, David SS, Berkeley A, Goldstein M, and Graf M. Heterogeneity of antigenic determinants on human spermatozoa: Relevance to antisperm antibody testing in infertile couples. *Am. J. Reprod. Immunol.* 1988; 159:1228-1231.
46. Young GPH, Goldstein M, Phillips DM, Sundaram K, Gunsalus GL, and Bardin CW. Sertoli-cell-only syndrome produced by hypothermic testicular ischemia. *Endocrinology* 1988; 122:1074-1082.
47. Young GPH, Koide SS, Goldstein M, and Young JD-E. Isolation and partial characterization of an ion channel protein from human sperm membranes. *Arch. Biochem. Biophys.* 1988; 262:491-500.
48. Berger G, Goldstein M, and Fuerst M. *The Couples Guide to Fertility*. New York: Doubleday; 1989: 442 pages.
49. Freund MJ, Weidmann JE, Goldstein M, Marmar J, Santulli R, and Oliveira N. Microrecanalization after vasectomy in man. *J. Androl.* 1989; 10:120-132.
50. Goldstein M, Huber D, Halpern J, and Antarsh L. The no-scalpel vasectomy. Assoc. Vol. Surg. Contra. 12 minutes color and sound film: 1989.
51. Goldstein M. Vasectomy and its reversal. *Hospital Medicine* 1989; 2:113-135.
52. Goldstein M and Eid JF. Elevation of intratesticular and scrotal skin surface temperature in men with varicocele. *J. Urol.* 1989; 142:743-745.
53. Gilbert BR, Goldstein M, and Witkin SS. Immunology of male infertility. *American Urological Association Update Series.* 1990; 9:58-63.
54. Gilbert BR, Witkin SS, and Goldstein M. Correlation of sperm-bound antibodies with impaired semen analysis in infertile men with varicoceles. *Fertil. Steril.* 1990; 52:469-473.

55. Goldstein M. Vaso-vasostomy. In: Whitehead ED, ed. *Current Operative Urology*. Philadelphia: J.B. Lippincott Co.; 1990:271-283.
56. Goldstein M. Vasography and techniques of testis biopsy. In: J. Ravfer, ed. *Common Problems in Infertility and Impotence*. Chicago: Year Book Medical Publishers; 1990:186-199.
57. Goldstein M. Reversing vasectomy. *Med. Aspects Human Sexual*. 1990; 5:37.
58. Magid MS, Cash KL, and Goldstein M. The testicular biopsy in the evaluation of infertility. *Seminars in Urol*. 1990; 8:51-64.
59. Mellinger BC and Goldstein M. Long-term complications of vasectomy. *Infections in Urol*. 1990; 3:19.
60. Goldstein M. Varicocele. In: Bardin CW, eds. *Current Therapy in Endocrinology and Metabolism*. Toronto: B.C. Decker Inc.; 1991:279-283.
61. Li S, Goldstein M, Zhu J, and Huber D. The no-scalpel vasectomy. *J. Urol*. 1991; 145:341-344.
62. Aulitzky WK, Schlegel PN, Wu D, Cheng CY, Chen C-LC, Li PS, Goldstein M, Reidenberg M, and Bardin CW. Measurement of urinary clusterin as an index of nephrotoxicity. *Proc. Soc. Exptl. Biol. Med*. 1992; 199:93-96.
63. E.M. Beck EM, Schlegel PN, and Goldstein M, Intraoperative varicocele anatomy: A macro and microscopic study. *J. Urol*. 1992; 148:1190-1194.
64. Cohen J, Schlegel PN, and Goldstein M. Gamete micromanipulation and epididymal micropuncture for male factor infertility. In: Lytton B, Catalona WJ, Lipshultz LI, McGuire EJ, eds. *Advances in Urology*. Chicago: Mosby-YearBook Inc. Vol.5; 1992: 237-254.
65. Gilbert BR, Cooper BR, and Goldstein M. Semen analysis in the evaluation of male factor subfertility. *Am. Urol. Assoc. Update Series 11*, 1992:250-256.
66. Goldstein M. Surgery of male infertility and other scrotal disorders. In: Walsh PC, Retik AB, Stamey TA, and Vaughan ED, eds. *Campbell's Urology*, Sixth Edition. Philadelphia: W.B. Saunders Co.; 1992:3114-3149.
67. Goldstein M. Surgery of the scrotum. In: Droller MJ ed. *Operative Urology*. New York: C.V. Mosby; 1992: 941-948.
68. Goldstein M, Gilbert BR, Dicker AP, Dwosh J and Gnecco C. Microsurgical inguinal varicocelectomy with delivery of the testis: An artery and lymphatic sparing technique. *J. Urol*. 1992; 148:1808-1811.

69. Li PS, Bardin CW, Goldstein M, and Chen C-LC. The effect of vasectomy on clusterin and inhibin alpha-subunit gene expression in the dog testis and caput epididymis. *J. Androl.* 1992; Supplement:32.
70. Li PS, Li S, Schlegel PN, and Goldstein M. External spermatic sheath injection for vasal nerve block. *Urology* 1992; 39:173-176.
71. Li PS, Schlegel PN, and Goldstein M. Use of silicone tubing for microsurgicalvaso-vasostomy training. *Urology* 1992; 39:556-557.
72. Schlegel PN and Goldstein M. Surgery of the epididymis, In: Droller MJ, ed. *Operative Urology*. New York: C.V. Mosby; 1992:949-958.
73. Schlegel PN and Goldstein M. Abnormal sperm morphology and motility, In: Resnick MI and Kursh ED, eds. *Current Therapy in Genitourinary Surgery*. Toronto: B.C. Decker Inc.; 1992: 558-562.
74. Schlegel PN and Goldstein M. Vasectomy update. *Am. Urol. Assoc. Update Series* 1992; 11:98-107.
75. Schlegel PN and Goldstein M. Surgery of the vas deferens. In: Droller MJ, eds. *Operative Urology*. New York: C.V. Mosby; 1992:985-997.
76. Schlegel PN and Goldstein M. Anatomical approach to varicocelectomy. *Semin. Urol.* 1992; 10:242-247.
77. Schlegel PN and Goldstein M. No-scalpel vasectomy. *Semin. Urol* 1992; 10:252-256.
78. Schlegel PN, Matthews GJ, Cichon Z, Aulitzky WK, Cheng CY, Chen C.-LC, Saso L, Goldstein M, Jänne OA, Bardin CW, and Vaughan ED, Jr. Clusterin production in the obstructed rabbit kidney: Correlations with loss of renal function. *J. Am. Soc. Nephrol.* 1992; 3:1163-1171.
79. Goldstein M. Surgical therapy of male infertility. *J. Urol.* 1993; 149:1374-1376.
80. Goldstein M. Vasectomy reversal. *Comprehensive Therapy.* 1993; 19:35-39.
81. Gorelick J and Goldstein M. Loss of fertility in men with varicocele. *Fertil. Steril* 1993; 59:613-616.
82. Jow W and Goldstein M. The no-scalpel vasectomy: A minimally invasive technique. *Contemp. Urol.* 1993; April:37-52.
83. Jow WW, Schlegel PN, Cichon Z, Phillips D, Goldstein M, and Bardin CW. Identification and localization of copper-zinc superoxide dismutase gene expression in rat testicular development. *J. Androl.* 1993; 14:439-447.

84. Jow WW, Steckel J, Schlegel PN, Magid MS, and Goldstein M. Motile sperm in human testis biopsy specimens. *J. Androl.* 1993; 14:194-198.
85. Schlegel PN and Goldstein M. Vasectomy. In: Shoupe D, ed. *Contraception*. New York: Springer-Verlag Press; 1993:181-191.
86. Schlegel PN and Goldstein M. Microsurgical vasoepididymostomy: Refinements and results. *J. Urol.* 1993; 150:1165-1168.
87. Steckel J, Dicker AP, and Goldstein M. Influence of varicocele size on response to microsurgical ligation of the spermatic veins. *J. Urol.* 1993; 149:769-771.
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