

## **CURRICULUM VITAE (2005)**

### **Abraham Morgentaler, MD, FACS**

#### **Education:**

1978 A.B. Harvard College, magna cum laude

1982 M.D. Harvard Medical School Postdoctoral Training:

#### **Internship and Residencies:**

1982-1983 Intern in Surgery, Harvard Surgical Service, New England Deaconess Hospital,

Boston, Massachusetts

1983-1984 Resident in Surgery, Harvard Surgical Service, New England Deaconess Hospital,

Boston, Massachusetts

1984-1987 Resident in Urology, Harvard Program in Urology (Longwood Area), Boston,

Massachusetts

1987-1988 Chief Resident, Harvard Program in Urology (Longwood Area), Boston, Massachusetts

#### **Licensure and Certification:**

1983 Diplomate, National Board of Medical Examiners

1986- Massachusetts License Registration

1990 Diplomate, American Board of Urology

1999 Recertified, American Board of Urology

#### **Academic Appointments:**

1982-1988 Clinical Fellow In Surgery, Harvard Medical School, Boston

1988-1993 Instructor in Surgery (Urology), Harvard Medical School, Boston

1993-1998 Assistant Professor of Surgery (Urology), Harvard Medical School, Boston

1998-1999 Associate Professor of Surgery (Urology), Harvard Medical School, Boston<sup>2</sup>

1999- Associate Clinical Professor of Surgery (Urology), Harvard Medical School, Boston

#### **Hospital Appointments:**

1988- Associate in Urology, Beth Israel Hospital, Boston

1990-2004 Surgeon, New England Surgicare

1999- Beth Israel Deaconess Cancer Center, Associate Member

2002- Courtesy Medical Staff, Faulkner Hospital

2002- Staff, New England Baptist Hospital

**Awards and Distinctions:**

1994-1996 New Investigator Research Award, American Foundation for Urologic Disease / Searle  
1995 Faculty, Frontiers in Molecular Biology, American Urological Association Summer Research Conference, Houston, Texas  
1996 Guest Editor, Journal of Long-term Effects of Medical Implants  
1996 State-of-the-Art Lecturer, Meeting of the American Society of Reproductive Medicine, Boston, Massachusetts  
1997 Co-chair, AUA Summer Research Conference, Houston, TX  
1998 Faculty, Postgraduate course, American Society of Andrology, Long Beach, California  
1998 Faculty, Postgraduate course, "Evaluation and Management of Male Infertility," Meeting of the American Urological Association, San Diego, California  
2002 Chair, Meeting of the Society for the Study of Male Reproduction, Meeting of the American Urological Association  
2003- Co-chair, Endocrine Forum, American Urological Association  
2004 Speaker, Plenary Session, Meeting of the American Urological Association  
2004 Excellence in Teaching certificate, Harvard Medical School  
2004 Faculty, Postgraduate Course, "Male and Female Sexual Dysfunction," meeting of the American Society for Reproductive Medicine, Philadelphia, PA

**Memberships in Professional Societies:**

1986- Massachusetts Medical Society  
1987-2002 American Medical Association  
1989- American Urological Association, New England Section  
1989-1993 American Society For Laser Medicine and Surgery  
1989- American Society of Reproductive Medicine  
1989- Society For The Study Of Reproduction  
1989- Massachusetts Association of Practicing Urologists  
1991- American Society of Andrology  
1991- International Society For Impotence Research  
1992- Boston Fertility Society  
1992- Fellow, American College of Surgery 3  
1993- American Association Of Clinical Urologists  
1994- Society For The Study of Impotence  
1994- Society For The Study of Male Reproduction

**Major Research Interests:**

1. Male Sexual Dysfunction
2. Hypogonadism
3. Male Infertility

**Teaching Experience:**

1988- Clinical supervision of Urology Resident Physicians  
1989-95 Lecturer, Male Genital Examination, Introduction to Clinical Medicine, Harvard Medical School

1989-1994 Coordinator and Faculty, Male Genital Examinations with Live Models, Introduction to Clinical Medicine  
1990- Lecturer, Harvard Sciences and Technology Course 070/Harvard Medical School - Male Reproductive Anatomy and Physiology  
1990-1998 Supervisor of Laboratory Session, Harvard Sciences and Technology Course 070/ Harvard Medical School  
1994-1998 Director, Fellowship in Male Infertility and Impotence, Beth Israel Deaconess Medical Center  
1999- Lecturer, Pathophysiology of Male Reproductive Disorders, Harvard Medical School

**Principal Clinical and Hospital Responsibilities:**

1988-1999 Director, Men's Program For Sexual Dysfunction  
1988-1999 Director, Male Infertility Program  
1989-1995 Clinical Preceptor, Introduction to Clinical Medicine  
1990-1999 Director, Andrology Laboratory  
1994-1995 Medical Staff-Administration Miniliaison Committee  
1994-2000 Staff Council  
1994-1995 Fixed/Variable Cost Refinement Team  
1994-1995 Surgery Working Committee on Fiscal Reorganization  
1996-8 Chair, Surgical Miniliaison Committee, Staff Council  
1998-9 Medical Staff-Administration Miniliaison Committee  
1999-04 Member, Contract and Payment Committee, BIDPO  
2000-04 Board Member, BIDPO

**Other Professional Activities:**

1990- Reviewer, Fertility and Sterility  
1990-8 Reviewer, Plastics and Reconstructive Surgery  
1994- Reviewer, Urology 4  
1995- Reviewer, New England Journal of Medicine  
1995-7 Editorial Board, Physician's Home Page  
1995- Editorial Board, Journal of Long-Term Effects of Medical Implants  
1996- Reviewer, Lancet  
1998- Reviewer, Journal of Andrology  
1998-2001 Editorial Board, Journal of Andrology  
1999-2001 Board Member, Society for Male Reproduction and Urology  
2004- Editorial Board, International Journal of Impotence Research

**Fiscal Experience:**

1994 Fiscal Reorganization Committee of Department of Surgery, Beth Israel Hospital  
1995 Fixed and Variable Cost Committee, Beth Israel Hospital  
1997 Physician Entrepreneurship Course, Kellogg Graduate School of Management, Northwestern University

## **BIBLIOGRAPHY:**

### Original Reports:

1. Morgentaler A, Crews D: Role of the anterior hypothalamus-preoptic area in the regulation of reproductive behavior in the lizard, *Anolis carolinensis*: Implantation studies. *Hormones and Behavior*, 11:61, 1978.
2. Crews D, Morgentaler A: Effects of intracranial implantation of oestradiol and dihydrotestosterone on the sexual behavior of the lizard *Anolis carolinensis*. *Journal of Endocrinology*, 82:373, 1979.
3. Morrell JI, Crews D, Ballin A, Morgentaler A, Pfaff, DW: 3H-Oestradiol, 3HTestosterone and 3H-Dihydrotestosterone localization in the brain of the lizard *Anolis carolinensis*: an autoradiograph study. *Journal of Comparative Neurology*, 188:201, 1979.
4. Morgentaler A, Schopperle WM, DeWolf WC: Protein expression in normal and infertile human spermatozoa. *Surgical Forum*, 37:632, 1986.
5. Morgentaler A, Garnick MB, Richie JP: Metastatic testicular teratoma invading the inferior vena cava. *Journal of Urology*, 140:149, 1988.
6. Belville JS, Morgentaler A, Loughlin KR, Tumeh SS: Spontaneous perinephric and subcapsular renal hemorrhage: evaluation with CT, US, and angiography. *Radiology*, 172:733, 1989.
7. Morgentaler A, Koufman CN: Treatment of an impacted fecalith with electrohydraulic lithotripsy. *New Engl J Med*, 322:855, 1990.
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8. Morgentaler A, Belville JS, Tumeh SS, Richie JP, Loughlin KR: Spontaneous perirenal hemorrhage: Rational approach to evaluation and management. *Surgery, Gynecology, and Obstetrics*, 170:121, 1990.
9. Morgentaler A, Bridge S, Dretler SP: Management of the impacted ureteral calculus. *Journal of Urology*, 143:263, 1990.
10. Morgentaler, A, Crocker RH, Schopperle WM, DeWolf WC: Protein differences between normal and oligospermic human sperm demonstrated by two-dimensional gel electrophoresis. *Fertility and Sterility*, 54:902, 1990.
11. Morgentaler A: Current diagnosis and management of impotence. *Comprehensive Therapy*, 17(7):25, 1991.

12. Green LS, Schopperle WM, DeWolf WC, Morgentaler A: Temperature dependent expression of a 95 kD protein in rat testis. *Surg Forum*, 42:619, 1991.
13. Ho GT, Gardner H, DeWolf WC, Loughlin KR, Morgentaler A: Influence of testicular carcinoma on ipsilateral spermatogenesis. *J Urol*, 148:821, 1992.
14. Kritsas JJ, Schopperle WM, DeWolf WC, Morgentaler A: Rapid high-resolution twodimensional electrophoresis of human sperm proteins. *Electrophoresis*, 13:445, 1992.
15. Morgentaler A, DeWolf WC: A self-expanding prostate stent for bladder outlet obstruction in high risk patients. *J Urol*, 150: 1636, 1993.
16. Ho GT, Gardner H, Mostofi K, DeWolf WC, Loughlin KR, Morgentaler A: Effect of testicular nongerm cell tumors on local spermatogenesis. *Fertility and Sterility*. 62:162, 1994.
17. Watson DL, Morgentaler A: Spontaneous corporal herniation of the penis: A new abnormality of the tunica albuginea? *J Urol*, 153:737-40, 1995.
18. Rubenstein SC, Green LS, Schopperle WM, DeWolf WC, Morgentaler A: Temperaturedependent expression of a 95 KD protein in rat testis. *Andrologia* 27:107-113, 1995.
19. Brown LF, Yeo K-T, Berse B, Morgentaler A, Dvorak HF, Rosen S: Vascular permeability factor (vascular endothelial growth factor) is strongly expressed in the normal male genital tract and is present in substantial quantities in semen. *J Urol* 154:576-9, 1995.
20. Bruning CO, III, Breslin DS, Morgentaler A, Staskin DR: Experience with the penile prosthesis and artificial urinary sphincter. *J of Long-Term Effects of Medical Implants* 5:27-45, 1995.
21. Morgentaler A, Fung MY, Harris DH, Powers RD, Alper MM: Sperm morphology and IVF outcome: a direct comparison of World Health Organization and strict criteria methodologies. *Fertility & Sterility* 64:1177-82, 1995.
22. Comiter CV, Bruning CO, III, Morgentaler A: Detached ciliary tufts in the epididymis: a lesson in applied anatomy. *Urology* 46:740-2, 1995.
23. Maranchie J, Morgentaler A: Management of impending sterility. *Lancet*, p1344, May 11, 1996.
24. Dahl DM, Klein D, Morgentaler A: Penile mass caused by the newly described organism *Mycobacterium celatum*. *Urology* 47:266-8, 1996.

25. Socher S, Morgentaler A, DeWolf WC: Ureteral pseudodiverticulosis: the case for the retrograde pyelogram. *Urology* 47:924-7, 1996.
26. Morgentaler A, Bruning CO, III, DeWolf WC: Incidence of occult prostate cancer among men with low total or free serum testosterone. *JAMA* 276:1904-6, 1996.
27. Vrachliotis TG, Rosen MP, Morgentaler A, Kim D: Aberrant supply of the common penile artery from an inferior epigastric/external pudendal artery trunk: radiological and urological implications. *Vascular Surgery* 31:495-9, 1997.
28. Vohra S, Morgentaler A: Congenital anomalies of the vas deferens, epididymis, and seminal vesicles. *Urology* 49:313-21, 1997.
29. Khoudary K, Morgentaler A: Design considerations in penile prostheses: the American Medical Systems product line. *Journal of Long-Term Effects of Medical Implants* 7:55-64, 1997.
30. Morgentaler A: Editorial. *J Long-Term Effects of Medical Implants*. 7:iv, 1997.
31. Yin Y, Hawkins KL, DeWolf WC, Morgentaler A: Heat stress causes testicular germ cell apoptosis in adult mice. *J Andrology* 18:159-65, 1997.
32. Socher SA, Yin Y, DeWolf WC, Morgentaler A: Temperature-mediated germ cell loss in the testis is associated with altered expression of the cell-cycle regulator p53. *J Urol* 157:1986-9, 1997.
33. Khoudary K, DeWolf WC, Bruning CO, III, Morgentaler A: Immediate sexual rehabilitation in radical prostatectomy patients by simultaneous placement of penile prosthesis: initial results in 50 patients. *Urology* 50:395-9, 1997.
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35. Morgentaler A: Causality and association- more than just different shades of gray. *Fertil Steril* 68:745, 1997.
36. Morgentaler A: Motile organisms in the epididymis? *Hum Reprod* 13:2335, 1998.
37. Khoudary K, Morgentaler A: Partial duplication of the vas deferens. *J Urol* 159:988-9, 1998.

38. Yin Y, DeWolf WC, Morgentaler A: Experimental cryptorchidism induces testicular germ cell apoptosis by p53-dependent and -independent pathways. *Biology of Reproduction* 58:492-496, 1998.
39. Yin Y, Stahl B, DeWolf W, Morgentaler A: p53-Mediated germ cell quality control in spermatogenesis. *Dev Biol* 204:165-171, 1998.
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41. Morgentaler A: Office evaluation in male sexual dysfunction. *International J Proctological and Perineal Diseases* II;2-3;362-363, 1998.
42. Morgentaler A: Motile organisms in the epididymis? *Hum Reprod* 13:2335, 1998.
43. Morgentaler A, Stahl B, Yin Y: Testis and temperature: An historical, clinical, and research perspective. *J Andrology* 20:189-195, 1999.
44. Morgentaler A: Male Impotence. *Lancet* 354:1713-18, 1999.
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47. Zhang, Ping L, Bublely G, Upton M, Morgentaler A, DeWolf WC, Rosen S: Pathological features of occult prostatic carcinoma in hypogonadal men. *The Prostate Journal* 2:74-79, 2000.
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49. Yin Y, Stahl B, DeWolf WC, Morgentaler A: p53 and Fas Are Sequential Mechanisms of Testicular Germ Cell Apoptosis. *J of Andrology* 23:64-70, 2002.
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51. Rhoden EL, Estrada C, Levine L, Morgentaler A: The value of pituitary magnetic resonance imaging in men with hypogonadism. *J Urol* 170:795-8, 2003.
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- intraepithelial neoplasia. *J Urol* 170:2348-51, 2003.
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65. Lazarou S, Morgentaler A. Hypogonadism in the man with erectile dysfunction: what to

look for and when to treat. *Curr Urology Reports* 6:476-81, 2005.

66. Morgentaler, A. Testosterone and the prostate: is there really a problem? *Contemporary*

*Urology* (in press).

67. Morgentaler A, Wu A, Kaplan I. Testosterone replacement therapy and prostate safety:

an overview of the issues. *Geriatrics and Aging* 8: S4-7, 2005.

68. Morgentaler A Barada J, Niederberger C, Donatucci C, Garcia CS,

Natanegara F, Ahuja

S, Wong DG. Efficacy and Safety of Tadalafil Across Ethnic Groups and Various Risk

Factors in Men with Erectile Dysfunction: Use of A Novel Non-Inferiority Study Design.

*J Sexual Med* (in press).

Chapters:

1. Halfin VP, Burke MB, Morgentaler A, Goldstein I. Sexuality and Cancer in Cancer

Manual, Ninth Edition ED Osteen R, Massachusetts Division, American Cancer Society,

1996.

2. Morgentaler A, Bruning CO, III. Iatrogenic Male Sexual Dysfunction, in AUA Update

Series, vol 15, no.9, 1996.

3. Morgentaler A, DeWolf WC. Immediate sexual rehabilitation following radical prostatectomy by simultaneous placement of penile prosthesis: 3 year follow-up in 50

patients. *The 8th World Meeting on Impotence Research*, 157-159, 1998.

4. Morgentaler A. Sexual Dysfunction. In, *Clinical Hematology and Oncology: Presentation, Diagnosis, and Treatment*, Eds., Furie B, Cassileth PA, Atkins MB, Mayer

RJ. Churchill Livingstone, 2003

5. Morgentaler A. Male Infertility. In, *Endocrinology of the Reproductive System and*

*Fertility*, Eds Spratt D, Santor N. Humana Press. In press.

Letters:

1. Morgentaler A, DeWolf WC: Re: Vasectomy and increased risk of prostate cancer.

*JAMA*, 270:705, 1993.

3. Morgentaler A: Re: Hyponatremic encephalopathy after endometrial ablation.

*JAMA*,

271: 344, 1994.

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4. CO Bruning, III, Morgentaler A: Re: Unilateral unitary inflatable penile prosthesis to correct impaired tumescence and severe penile deformity resulting from traumatic rupture of 1 corpus cavernosum. J Urol, 154:1144, 1995.
5. Watson DL, Morgentaler A: Re: Spontaneous corporeal herniation of penis: new abnormality of tunica albuginea. J Urol 154:1144, 1995.
6. Bruning CO, III, Morgentaler A: Re: Unilateral unitary inflatable penile prosthesis to correct impaired tumescence and severe penile deformity resulting from traumatic rupture of 1 corpus cavernosum. J Urol 154:1145, 1995.

**Books:**

1. Morgentaler A: The Male Body: A Physician's Guide to What Every Man Should Know About His Sexual Health. New York, Simon and Schuster, 1993.
2. Morgentaler A: The Viagra Myth: The Surprising Impact on Love and Relationships. San Francisco, Jossey-Bass/Wiley, 2003.

**Patents:**

1. Morgentaler A: United States Patent No. 5,224,953. Method for treatment of obstructive portions of urinary passageways, 1993.

**Audiotapes:**

1. Morgentaler A, and Tobin M: Prostatic Stents. Medical Outlook for Urologists, Cortlandt Communications, Vol. 7, no. 2, 1993.
2. Morgentaler A, and Khoudary K: Occult prostate cancer in men with low serum testosterone. Medical Outlook for Urologists, Cortland Communications, Vol. 11, no. 1, 1997.