

Erik T. Goluboff, MD

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PERSONAL DATA

Erik T. Goluboff, MD
Department of Urology
New York Presbyterian Hospital
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DOB: 9/21/64
Place of Birth: Brooklyn, NY
Citizenship: U.S.

EDUCATION

Columbia College, Columbia University, New York, NY; BA, 1986.
Johns Hopkins University School of Medicine, Baltimore, MD; MD, 1990.

POSTDOCTORAL TRAINING

Surgical Intern, Department of Surgery, Johns Hopkins Hospital, Baltimore, MD;
7/1/90-6/30/91

Surgical Resident, Department of Surgery, Columbia-Presbyterian Medical Center,
New York, NY; 7/1/91-6/30/92

Urology Resident, Department of Urology, Columbia-Presbyterian Medical Center,
New York, NY; 7/1/92-6/30/96

Chief Resident, Department of Urology, Columbia-Presbyterian Medical Center,
New York, NY; 7/1/95-6/30/96

Fellow, Urologic Oncology, Department of Urology, Columbia-Presbyterian Medical
Center, New York, NY; 7/1/96-6/30/97.

LICENSURE/CERTIFICATION

New York State License, issued 1991.

Certified by the American Board of Urology, 1999; recertified, 2007.

MILITARY SERVICE: none.

PROFESSIONAL ORGANIZATIONS AND SOCIETIES

Member, Southwest Oncology Group
 Member, Genitourinary Committee, Southwest Oncology Group
 Fellow, American College of Surgeons
 American Urological Association
 Society of University Urologists
 Society of Urologic Oncology
 New York Section, American Urological Association
 American Society of Clinical Oncology
 Society for the Study of Male Infertility
 American Medical Association
 Medical Society of the State of New York
 Society for Basic Urologic Research
 American Association of Clinical Urologists
 New York Academy of Medicine

ACADEMIC APPOINTMENTS

Assistant Professor, Department of Urology, College of Physicians and Surgeons, Columbia University, 9/1/96-6/30/02.

Associate Professor of Clinical Urology, Department of Urology, College of Physicians and Surgeons, Columbia University, 7/1/02-6/30/07.

Professor of Clinical Urology, Department of Urology, College of Physicians and Surgeons, Columbia University, 7/1/07-.

HOSPITAL APPOINTMENTS

Assistant Attending, Department of Urology, Columbia-Presbyterian Medical Center, 9/1/96-6/30/02.

Assistant Attending, St. Barnabas Hospital, Bronx, NY, 3/1/98-.

Director of Urology, Allen Pavilion, Columbia-Presbyterian Medical Center, 10/23/98-; developed urology service at this 250-bed hospital from zero to 11000 outpatient visits and 700 surgical procedures per year; built, and successfully recruited a faculty member for, on-site state-of-the-art urodynamics suite; successfully recruited a faculty member for erectile dysfunction specialty; full-time Chief Resident and 2 medical students rotating with me for teaching.

Director of Residents' Clinic, Columbia-Presbyterian Medical Center, 10/23/98-; responsibility for the only clinic in New York Presbyterian Hospital-Columbia system where urology residents take primary, but supervised, care of patients; 1800 patients per year; developed different clinic times for urologic subspecialties; one each for stone disease, neurourology and voiding dysfunction, erectile dysfunction, and oncology/general urology.

Associate Attending, New York Presbyterian Hospital, Presbyterian Campus, 7/1/02-.

Attending, New York Presbyterian Hospital, Presbyterian Campus, 7/1/07-.

HONORS

Alpha Omega Alpha, Johns Hopkins School of Medicine, 1990.

First Prize winner, Ambrose Essay Contest, American Urological Association, Washington, DC, 1992, for: Goluboff E and Olsson CA: *Urologists on a tightrope: Coping with a changing economy.*

First prize winner, Best Poster, American Fertility Society, San Antonio, 1994, for: Goluboff E, Mertz JR, Tres LL, and Kierszenbaum AL: *Biochemical, immunocytochemical, and molecular characteristics of human sperm and testis galactosyl receptor.*

First Prize winner, Laboratory Investigation-Formal Year, Valentine Essay Contest, New York Academy of Medicine, New York, 1994, for: *Biochemical, immunocytochemical, and molecular characteristics of human sperm and testis galactosyl receptor.*

Columbia-Presbyterian Housestaff Mini-Grant Award, 1995-1996.

Pfizer Scholar in Urology, 1996.

American Society of Clinical Oncology Young Investigator Award, 1996.

New York Academy of Medicine Valentine Fellowship Award, 1996.

Second Honorable Mention, Clinical Investigations, Valentine Essay Contest, New York Academy of Medicine, New York, 1996, for: *Semen analyses in 1283 men from the United States over a 25-year period: No decline in quality.*

Pfizer Scholar in Urology, 1997.

Teacher of the Year, Department of Urology, College of Physicians and Surgeons, Columbia University, 2003.

OTHER HONORS

National Merit Scholarship Finalist, 1982.

Regent's Scholarship, 1982.

Phi Beta Kappa, Magna Cum Laude, Columbia University, 1986.

Richard Goodrich Jackson Memorial Prize, Columbia University, 1986.

FELLOWSHIP AND GRANT SUPPORT

1995; “Pre-Treatment Prostate-Specific Antigen Doubling Times: Utility in Patients Before Radical Prostatectomy”; Principal Investigator; \$2500; Columbia-Presbyterian Housestaff Mini-Grant Award.

1996; “Apoptosis-inducing Gene Therapy for Hormone-Refractory Prostate Cancer”; Young Investigator Award; \$30,000; American Society of Clinical Oncology.

1997; “Apoptosis-inducing Gene Therapy for Hormone-Refractory Prostate Cancer”; Young Investigator Award; \$30,000; New York Academy of Medicine.

1997-98; “FGN-1 in the Treatment of a Human Prostate Cancer Nude Mouse Xenograft Model”; Principal Investigator; \$65,000; Cell Pathways, Inc.

1998-99; “FGN-1 in the treatment of prostate cancer”; Young Investigator Award; \$25,000; National Kidney Foundation of New York and New Jersey.

1998-99; “A randomized, double-blind, placebo-controlled study to determine the efficacy and safety of FGN-1 in patients with prostate cancer”; Principal Investigator; \$450,000; Cell Pathways, Inc.

1999; “An Open Label, Multi-Center, Extension Study to Determine the Efficacy and Safety of Prevatac (exisulind) in Patients with Prostate Cancer”; Principal Investigator; \$78,000; Cell Pathways, Inc.

1999; “A Randomized, Multi-Center, Phase III Trial Evaluating the Efficacy and Safety of BCI-Immune Activator Versus Adriamycin in BCG Refractory or Intolerant Patients with Carcinoma in situ with or without Resected Superficial Papillary Bladder Cancer”; Principal Investigator; \$42,000; Intracel, Inc.

2001-3; “A Multicenter, Phase IIb, Four Arm, Dose Finding, Randomized, Placebo-Controlled Study to Determine the Long Term Prostate Cancer Chemoprevention Efficacy and Safety of 20mg, 40mg & 60mg Daily of GTx-006 in Men with High Grade Prostate Intraepithelial Neoplasia (PIN)”; Principal Investigator; \$240,000; GTx, Inc.

DEPARTMENTAL AND UNIVERSITY COMMITTEES

Resident Education Committee, Department of Urology, 1993-1995, and 1999-;
2005: wrote 35 lecture curriculum for resident weekly Campbell's Review Conference.

Resident Selection Committee, Department of Urology, Columbia University, 1998-;
Chair, 2006.

Operating Room/Anaesthesia Committee, Allen Pavilion, Columbia-Presbyterian
Medical Center, 1997-; Chair, 2001-.

Compliance Leader, Department of Urology, Columbia University, 2001-4.
Executive Committee, Department of Urology, Columbia University, 2007-.
Compensation Committee, Department of Urology, Columbia University, 2007-.
Member, Faculty Council of College of Physicians and Surgeons, 2001-4, 2007-;
Member, Independent Evaluation Group, Faculty Practice Organization, Columbia
University (Electronic Medical Record evaluation and selection).

Member, Physician Champion Committee, Faculty Practice Organization,
Columbia University (Electronic Medical Record implementation).

Member, Website Committee, Department of Urology, Columbia University, 2007-.

TEACHING EXPERIENCE

Preceptor, Department of Internal Medicine, College of Physicians and Surgeons,
Columbia University, 1998-; approximately every 3 months, a senior Internal Medicine
Resident rotates with me during office hours for 2 mornings within one week.

Preceptor, Department of Family Medicine, College of Physicians and Surgeons,
Columbia University, 1998-; approximately every month, a senior Family Medicine
Resident rotates with me during office hours for 2 mornings within one week.

Faculty, "Exisulind in the Treatment of Advanced Prostate Cancer", 8th International
Prostate Cancer Update, Medical Education Cooperative, 1999.

Keynote Speaker, "Protecting Yourself Against Prostate Cancer", Annual meeting of the
combined Us Too prostate cancer support groups of the greater Chicago area, 1999.
(videotape of this talk was later used as a training video for sales representatives for Cell
Pathways, Inc.)

Faculty, "Exisulind in the Treatment of Advanced Prostate Cancer", 9th International
Prostate Cancer Update, Medical Education Cooperative, 2000.

Lecturer, Required Third Year Clerkship in Urology, College of Physicians and
Surgeons, Columbia University, 2001-; 90 minute interactive lecture once every 2

weeks to 7-9 third year medical students at a time; eventually, every medical student in the medical school attends this lecture.

Preceptor, MD-PhD Program, College of Physicians and Surgeons, Columbia University, 2003-; for 6 months, an MD-PhD candidate spent an entire day per week with me, shadowing me during office hours, surgery, clinical trials meetings, and administrative responsibilities.

Faculty, “Urology for Primary Care Practitioners”, College of Physicians and Surgeons, Columbia University, 2006.

OTHER PROFESSIONAL ACTIVITIES

Consultant, *Journal of Urology*; 1996-.

Co-Series Editor, *Urology Board Review Manual*, published by Hospital Physician/Turner White Communications, Inc.; 1997.

Series Editor, *Urology Board Review Manual*, published by Hospital Physician/Turner White Communications, Inc.; 1998-2001.

Reviewer, *Urology*; 1998-.

Reviewer, *Urologic Oncology*, 1999-.

Consultant, *Pharmacoeconomics*, 2000-.

Expert Consultant, New York State Board for Professional Medical Conduct, 2001-.

Reviewer, *New England Journal of Medicine*, 2001-.

Reviewer, Department of Defense, Prostate Cancer Initiative, 2001-.

Reviewer, *Cancer Detection and Prevention*, 2001-.

Reviewer, *Drugs and Aging*, 2002-.

Reviewer, *British Journal of Urology*, 2003-.

Medical Consultant, New York State Comptroller’s Medical Board, 2003-.

Reviewer, *Asian Journal of Andrology*, 2003-.

Reviewer, *Expert Opinion in Pharmacology*, 2003-.

Member, Committee on Health Care Delivery Systems and Medicaid, Medical Society of the State of New York, 2004-.

Program Abstract Review Committee, American Urological Association, 2006-.

CERTIFICATIONS

Video Laser Ablation of the Prostate, S. Kaplan, MD, Columbia-Presbyterian Medical Center, New York, NY, 1993.

Lithotripsy, MFL 5000, S. Saada, MD, Victory Memorial Medical Center, Brooklyn, NY, 1994.

Microsurgery (including vasovasostomy, vasoepididymostomy, arterial, venous, and nerve anastomoses), Microsurgery Laboratory, Department of Orthopedics, Columbia-Presbyterian Medical Center, New York, NY, 1994.

Basic and Advanced Laparoscopic Skills, IMET Training Course, 2004.
Urologic Robotic Surgery, Newark Beth Israel Hospital, Newark, NJ, March 2007.

ORIGINAL, PEER REVIEWED PUBLICATIONS

Lopez R, Gouras P, Kjeldbye H, Sullivan B, Repucci V, and **Goluboff E**: *Transplanted RPE slows the retinal degeneration in the RCS rat*. Invest Ophth (1989) 145: 201-204.

Goluboff E, Chang DT, Kirsch AJ, and Fisch H: *Incidence of external spermatic veins in patients undergoing inguinal varicocelelectomy*. Urology (1994) 44: 893-896.

Goluboff E and Olsson CA: *Urologists on a tightrope: Coping with a changing economy*. J Urol (1994) 151: 1-4.

Jarow J, **Goluboff ET**, Chang TSK, and Marshall FF: *Relationship between anti-sperm antibodies and testicular histologic changes in humans after vasectomy*. Urology (1994) 43: 521-524.

Goluboff E, Mertz J, Tres LL, and Kierszenbaum AL: *Biochemical, immunocytochemical, and molecular characteristics of human testis and sperm galactosyl receptor*. Surgical Forum, American College of Surgeons (1994) 45: 780-784.

Olsson CA and **Goluboff E**: *Detection and treatment of prostate cancer: The urologist's perspective*. J Urol (1994) 152: 1695-1699.

Goluboff E, McKiernan J, Todd G, Nowygrod R, and Olsson CA: *Reconstruction of urinary and gastrointestinal tracts in total pelvic exenteration: Experience at Columbia-Presbyterian Medical Center*. Urology (1994) 44: 666-670.

Goluboff E, Mertz JR, Tres LL, and Kierszenbaum AL: *Galactosyl receptor in human testis and sperm is antigenically related to the minor C-type (Ca²⁺-dependent) lectin variant of human rat and liver*. Molecular Reproduction and Development (1995) 40: 460-466.

***Goluboff E**, Chang DT, Olsson CA, and Kaplan SA: *Urodynamics and the etiology of post-prostatectomy urinary incontinence: The initial Columbia Experience*. J Urol (1995) 153: 1034-1037.

*Kaplan SA, **Goluboff E**, Olsson CA, Deverka PA, and Chmiel JJ: *Effect of demographic factors, urinary peak flow rates, and Boyarsky symptom scores on patient treatment choice in benign prostatic hyperplasia*. Urology (1995) 45: 398-405.

Goluboff E, Stifelman M, and Fisch H: *Ejaculatory duct obstruction in the infertile male*. Urology (1995) 45: 925-931.

Fisch H, **Goluboff E**, Olsen JH, Feldshuh J, Broder SJ, and Barad D: *Semen analyses in 1283 men from the United States over a 25-year period: No decline in quality.* Fertility and Sterility (1996) 65: 1009-1014.

Fisch H and **Goluboff E**: *Geographic variations in sperm counts: A potential cause of bias in studies of semen quality.* Fertility and Sterility (1996) 65: 1044-1046.

Seaman EK, **Goluboff E**, Bar-Chama N, and Fisch H: *Accuracy of semen counting chambers as determined by the use of latex beads* Fertility and Sterility (1996) 66: 662-665.

Seaman EK, **Goluboff E**, Ross S, and Sawczuk IS: *Bone metastases and serum alkaline phosphatase levels in patients with metastatic renal cell carcinoma.* Urology (1996), 48: 692-695.

Ikeguchi E, **Goluboff E**, and Fisch H: *Worldwide variations in sperm counts.* Urology (1996), 48: 1017-1020.

***Goluboff E**, Heitjan DF, deVries GM, Katz AE, and Olsson CA: *Pre-treatment prostate-specific antigen doubling times: Utility in patients before radical prostatectomy.* J Urol (1997), 158: 1876-1879.

Fisch H, Andrews H, **Goluboff E**, Hendricks J, Olson J, and Olsson CA: *The relationship of sperm counts to birth rates: A population-based study.* J Urol (1997), 157: 840-843.

Dorai T, **Goluboff E**, Olsson CA, and Buttyan R: *Development of a hammerhead ribozyme against Bcl-2. II. Ribozyme treatment sensitizes hormone-resistant prostate cancer cells to apoptotic agents.* Anticancer Res (1997) 17: 3307-3312.

De La Taille A, Houlgatte A, Houdelette P, **Goluboff ET**, Berlizot P, and Ricordel I: *Influence of free to total PSA variability on the early diagnosis of prostate cancer: Comparative study of 3 immunoassays on 141 patients.* Br J Urol (1998) 82: 389-392.

***Goluboff E**, Saidi J, Mazer S, Bagiella E, Heitjan DF, Benson MC, and Olsson CA: *Urinary continence after radical prostatectomy: The Columbia experience.* J Urol (1998), 159: 1276-1280.

Emanuel ER, **Goluboff E**, and Fisch H: *MacLeod revisited: Sperm count distribution in 374 fertile men from 1971 to 1994.* Urology (1998), 51: 86-88.

Dorai T, Perlman H, Walsh K, Shabsigh A, **Goluboff ET**, Olsson CA, and Buttyan R: *A recombinant defective adenovirus agent expressing anti-bcl-2 ribozyme promotes apoptosis of bcl-2 expressing human prostate cancer cells.* Int J Cancer (1999), 82: 846-852.

McKiernan JM, **Goluboff ET**, Liberson GL, Golden R, and Fisch H: *Rising risk of developing testicular cancer by birth cohort in the United States from 1973-1995*. J Urol (1999) 162: 361-363.

Houlgatte A, De La Taille A, Fournier R, **Goluboff ET**, Camporio P, and Houdelette P: *Paternity in a patient with seminoma and carcinoma in situ in a solitary testis treated with partial orchidectomy*. BJU International (1999) 84: 374-375.

Shabsigh A, Danji N, Dagati V, Burchardt M, Rubin M, **Goluboff E**, Heitjan D, Kiss A, and Buttyan R: *Early effects of castration on the vascular system of the rat ventral prostate gland*. Endocrinology (1999) 140: 1920-1926.

Saidi JA, Chang DT, **Goluboff ET**, Bagiella E, Olsen G, and Fisch H: *Declining sperm counts in the United States? A critical review*. J Urol (1999) 161: 460-462.

***Goluboff ET**, Shabsigh A, Saidi J, Bagiella A, Heitjan D, Piazza G, Pamukcu R, Weinstein IB, Buttyan R, and Olsson CA: *Exisulind (Sulindac Sulfone) suppresses growth of human prostate cancer in a nude mouse xenograft model by increasing apoptosis*. Urology (1999) 53: 440-445.

Saidi JA, Chang DT, **Goluboff ET**, Bagiella E, Olsen G, and Fisch H: *Declining sperm counts in the United States? A critical review*. J Urol (1999) 161: 460-462.

***Goluboff ET**: *Exisulind, a selective apoptotic antineoplastic drug*. Expert Opinion on Invest Drugs (2001) 10: 1875-1882.

***Goluboff ET**, Prager D, Rukstalis D, et al.: *Safety and Efficacy of Exisulind in the Treatment of Recurrent Prostate Cancer Following Radical Prostatectomy*. J Urol (2001) 166: 882-886.

Nejat RJ, Purohit R, **Goluboff ET**, Petrylak D, Rubin MA, and Benson MC: *Cure of undifferentiated small cell carcinoma of the urinary bladder with M-VAC chemotherapy*. Urologic Oncology (2001) 6: 53-55.

Fisch H, Kang YM, Johnson CW, and **Goluboff ET**: *Ejaculatory duct obstruction*. Curr Opinion Urol (2002) 12: 509-515.

*Lam, JS, Desai M, Mansukhnai MM, Benson MC, and **Goluboff ET**: *Is Hispanic race an independent risk factor for pathologic stage in patients undergoing radical prostatectomy?*. J Urol (2003) 170: 2288-2291.

Salomon L, Anastasiadis A, Johnson C, McKiernan JM, **Goluboff ET**, Abbou CC, Olsson CA, and Benson MC: *Seminal vesicle involvement after radical prostatectomy: Predicting risk factors for progression*. Urology (2003) 62: 304-309.

*Lam JS, Benson MC, and **Goluboff ET**: *Comparison of the predictive accuracy of serum prostate-specific antigen levels and prostate-specific antigen density in the detection of prostate cancer in Hispanic-American and Caucasian men.* J Urol (2003) 170: 451-456.

Johnson CW, McKiernan JM, Anastasiadis AG, Salomon L, Easton S, **Goluboff ET**, Olsson CA, and Benson MC: *Prognostic indicators for long term outcome following radical retropubic prostatectomy for prostate cancer involving the seminal vesicles.* Urologic Oncology (2004) 22: 107-111.

*Lam JS, Sclar JD, Desai M, Mansukhani M, Benson MC, and **Goluboff ET**: *Is Hispanic race an important predictor of treatment failure following radical prostatectomy for prostate cancer?* J Urol (2004) 172: 1856-1859.

Goetzl MA, Desai M, Mansukhani M, **Goluboff ET**, Katz AE, Sawczuk IS, Benson MC, Olsson CA, and McKiernan JM: *Natural history and clinical outcome of sporadic renal cortical tumors diagnosed in the young adult.* Urology (2004) 63: 41-45.

Goetzl MA, **Goluboff ET**, Murphy AM, Katz AE, Mansukhani M, Sawczuk IS, Olsson CA, Benson MC, and McKiernan JM: *A contemporary evaluation of cytoreductive nephrectomy with tumor thrombus: Morbidity and long-term survival.* Urol Oncol (2004) 22: 182-187.

Murphy AM, Gilbert SM, Katz AE, **Goluboff ET**, Sawczuk IS, Olsson CA, Benson MC, and McKiernan JM: *Re-evaluation of the Tumour-Node-Metastasis staging of locally advanced renal cortical tumours: absolute size (T2) is more significant than renal capsular invasion (T3a).* BJU Int (2005) 95: 27-30.

Johnson CW, Bingham JB, **Goluboff ET**, and Fisch H: *Transurethral resection of the ejaculatory ducts for treatment of ejaculatory symptoms.* BJU Int (2005) 95: 117-119.

Shabsigh A, Kang Y, Shabsigh R, Gonzalez M, Liberson G, Fisch H, and Goluboff E: *Clomiphene citrate effects on testosterone/estrogen ratio in male hypogonadism.* J Sexual Medicine (2005) 2: 716-721.

Price D, Stein B, Sieber P, Tutrone R, Bailen J, **Goluboff E**, Burzon D, Bostwick D, and Steiner M: *Toremifene for Prevention of Prostate Cancer in Men with high-grade prostatic intra-epithelial neoplasia: Results of double-blind, placebo-controlled, phase IIB clinical trial.* J Urol (2006) 176: 965-971.

Gilbert SM, Murphy AM, Katz AE, **Goluboff ET**, Sawczuk IS, Olsson CA, Benson MC, and McKiernan JM: *Reevaluation of TNM staging of renal cortical tumors: Recurrence and survival for T1N0M0 and T3aN0M0 tumors and equivalent.* Urology (2006) 68: 287-291.

Fisch H, Lambert SM, and **Goluboff ET**: *Management of ejaculatory obstruction: Etiology, diagnosis, and treatment*. World Journal of Urology (2006) DOI 10.1007.

Gondi V, Deutsch I, Mansukhani M, O'Toole KM, Shah JN, Schiff PB, Katz AE, Benson MC, **Goluboff ET**, and Ennis RD: *Intermediate-risk localized prostate cancer in the PSA era: Radiotherapeutic alternatives*. Urology (2007) 69: 541-546.

*Pierorazio PM, Kinnamon MD, Wosnitzer MS, Benson MC, McKiernan JM, and **Goluboff ET**: *Prostate volume and pathologic prostate cancer outcomes following radical prostatectomy*. Urology (2007) 70: 696-701.

Gjertson CK, Asher KP, Sclar JD, **Goluboff ET**, Olsson CA, Benson MC, McKiernan JM: *Local control and long-term disease-free survival for stage D1 (T2-T4N1-N2M0) prostate cancer after radical prostatectomy in the PSA era*. Urology (2007) 70: 723-727.

CASE REPORTS

Goluboff E, O'Toole K, and Sawczuk I: *Leiomyoma of the bladder: Review of the literature*. Urology (1994) 43: 238-241.

Kwan DJ, Kirsch AJ, Chang DT, **Goluboff E**, Berdon WE, and Hensle TW: *Testicular microlithiasis in child with torsion of the appendix testis*. J Urol (1995) 153: 183-184.

Goluboff E, Kaplan SA, and Fisch H: *Seminal vesicle urinary reflux as a complication of transurethral resection of ejaculatory ducts*. J Urol (1995) 153: 1234-1235.

*McKiernan J, Katz A, and **Goluboff E**: *A long forgotten ureteral stent*. Urology (1997) 49: 622-623.

REVIEWS, CHAPTERS, AND EDITORIALS

Goluboff E and Fisch H: *Microsurgical vasovasostomy: Simplified one-layer closure*. Current Surgical Techniques in Urology (1994) 6: 1-7.

Bar-Chama N, **Goluboff E**, and Fisch H: *Pyospermia and male infertility*. Urol Clin North Am (1994) 21: 469-476.

Sawczuk I, **Goluboff E**, and Olsson CA: *Simple Nephrectomy*. in Marshall FF: Operative Urology, 3rd edition 1995.

Goluboff E and Benson M: *Radiation therapy does not provide long-term control of localized prostate cancer*. U Clin NA (1996) 23: 617-621.

Goluboff E, McKiernan JM, and Sawczuk IS: *Autologous T-cell therapy for metastatic renal cell carcinoma*. Today's Therapeutic Trends (1997) 15: 41-51.

Goluboff E (book review, *Journal of Urology* (1998) 159: 340): *Diagnosis of Genitourinary Disease*, Resnick MI, Older RA, eds., Thieme Medical Publishers, Inc: New York, 1997.

Moss E, Kaplan SA and **Goluboff E**: *Neurogenic bladder*. Hospital Physician, Urology Board Review Manual (1997) 5:1-30.

Moss E and **Goluboff E**: *Superficial bladder cancer*. Hospital Physician, Urology Board Review Manual (1997) 5: 31-60.

Moss E, **Goluboff E** and Chang D: *Cryptorchidism and ureteropelvic junction obstruction*. Hospital Physician, Urology Board Review Manual (1997) 5: 61-90.

Moss E, **Goluboff E** and McKiernan J: *Continent urinary diversion*. Hospital Physician, Urology Board Review Manual (1997) 5: 91-120.

Goluboff E, Fisch H and Hensle T: *Semen analysis and transrectal ultrasound findings in men with bladder exstrophy*. Proceedings of the First International Congress on Bladder Exstrophy, 1997.

Goluboff E, Moss E and Klein L: *Update in male infertility*. Hospital Physician, Urology Board Review Manual (1998) 6(1).

Goluboff E, Moss E and Hendricks J: *Prostate-specific antigen (PSA) and its uses*. Hospital Physician, Urology Board Review Manual (1998) 6(2).

Goluboff E, Moss E and Chang D: *Medical treatment of stone disease*. Hospital Physician, Urology Board Review Manual (1998) 6(3).

Goluboff E, Moss E and Fagelman E: *Interstitial cystitis*. Hospital Physician, Urology Board Review Manual (1998) 6(4).

Hensle TW, **Goluboff E** and Fisch H: *Semen analysis and transrectal ultrasound findings in men with bladder exstrophy*. In: *The Exstrophy-Epispadias Complex*; Gearhart J and Mathews G, eds; Kluwer Academic/Plenum Publishers, New York, p.193-197, 1999.

Chang D, **Goluboff E** and Olsson CA: *The use of a neuromodulator during radical retropubic prostatectomy*. Current Surgical Techniques in Urology (1999) 11: 1-8.

Buttayan R, **Goluboff E** and Olsson CA: *Molecular Biology*. in: *Comprehensive Urology*; Weiss RM, George NJR, and O'Reilly P, eds; Mosby: Philadelphia, PA, 1999.

Goluboff E, Moss E and Fagelman E: *Diagnosis and treatment of seminoma*. Hospital Physician, Urology Board Review Manual (1999) 7(1).

Goluboff E, Moss E and Stifelman M: *Laparoscopy in urology*. Hospital Physician, Urology Board Review Manual (1999) 7(2).

Goluboff E, Moss E and Taylor J: *Minimally invasive treatments for benign prostatic hyperplasia*. Hospital Physician, Urology Board Review Manual (1999) 7(3).

Goluboff E, Moss E and Fagelman E: *Diagnosis and treatment of vesicoureteral reflux*. Hospital Physician, Urology Board Review Manual (1999) 7(4).

Goluboff E, Klausner A and Zaslau S: Renal cell carcinoma. Hospital Physician, Urology Board Review Manual (2000) 8(1).

Goluboff E, Weiner D and Hensle TW: Hypospadias. Hospital Physician, Urology Board Review Manual (2000) 8(2).

Goluboff E and Hyun G: Impotence. Hospital Physician, Urology Board Review Manual (2000) 8(3).

Goluboff E and Katz A: Natural treatments for prostate cancer. Hospital Physician, Urology Board Review Manual (2000) 8(4).

Goluboff E and Olsson CA: *Radical retropubic prostatectomy*. in: Atlas of Genitourinary Oncology; Movsas B, Olsson C, and Hudes G, eds; W.B. Saunders: Philadelphia, PA, 2001.

Goluboff ET and Fisch H: *Obstruction of the ejaculatory duct system*. In: Pathophysiology and Treatment of Male Sexual and Reproductive Dysfunction, Kandeel F, ed, 2001.

Goluboff ET and Bingham J: *Novel Approaches to treatment of prostate cancer*. Bio Drugs, 2001.

ABSTRACTS

Repucci V, **Goluboff E**, Wapner F, and Gouras P: *Retinal pigmented epithelial cell transplantation in the RCS rat*. Invest Ophth (1988), 29(Supp): 144.

Goluboff E, Jarow J, Chang TSK, Zacur H, Schanbacker R, and Marshall FF: *Testicular histology and serum sperm antibodies, inhibin, and FSH levels following vasectomy*. J Urol (1990), 143 (Supp): Abstract #775. (American Urological Association Meeting)

Goluboff E and Olsson CA: *Urologists on a tightrope: Coping with a changing economy*. J Urol (1992), 147(Supp): Abstract #464. (American Urological Association Meeting)

Goluboff E, Mertz JR, Tres LL, and Kierszenbaum AL: *Biochemical, immunocytochemical, and molecular characteristics of human sperm and testis galactosyl receptor*. Fertil Steril (1994), 62: S206. (American Fertility Society Meeting)

Goluboff E, and Fisch H: *Incidence of external spermatic veins in patients undergoing inguinal varicocelectomy*. Fertil Steril (1994), 62: S214. (American Fertility Society Meeting)

Olsson CA, **Goluboff E**, Chang DT, and Kaplan SA: *Urodynamics and the etiology of post-prostatectomy urinary incontinence*. J Urol (1994), 151 (Supp): Abstract #396. (American Urological Association Meeting)

Seaman E, **Goluboff E**, Fisch H: *Accuracy of semen counting chambers as determined by the use of latex beads*. Fertil Steril (1995), 64: S171. (American Fertility Society Meeting)

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