

## CURRICULUM VITAE

### **WAYNE JOHN G. HELLSTROM, M.D., F.A.C.S.**

Tulane University School of Medicine

Department of Urology

1430 Tulane Avenue, 8642

New Orleans, LA 70112-2632

Telephone: (504) 988-5372

E-mail: [whellst@tulane.edu](mailto:whellst@tulane.edu)

### **EDUCATION**

1972 – 1977	B.S.C. Physiology, McGill University, Montreal, P.Q. Canada
1977 – 1981	M.D.C.M. McGill Medical School, Montreal, P.Q. Canada
1981 – 1982	<i>Internship</i> : General Surgery, Montreal General and Royal Victoria Hospital, McGill University, Montreal, P.Q. Canada
1982 – 1983	<i>Residency</i> : General Surgery, Montreal General and Royal Victoria Hospital, McGill University, Montreal, P.Q. Canada
1983 – 1985	Urology, University of California, San Francisco, California
1985 – 1986	Chief Resident, Urology, University of California, San Francisco
1986 – 1988	<i>Fellowship</i> : Andrology, University of California, Davis, California

### **CERTIFICATION**

1983	Board of Medical Examiners, State of California (G49763)
1983	Drug Enforcement Administrative Reg (AH3077193)
1986	Certification for Lithotripsy, AUA (UCSF)
1988	American Board of Urology
1988	Louisiana State Board of Medical Examiners (07721R)
1990	Fellow of the American College of Surgeons
1996	ESWL/Medstone Training Certificate

### **ACADEMIC POSITIONS HELD**

1999 – Present	Professor of Urology, Tulane University School of Medicine, New Orleans, Louisiana
1992 – 1999	Associate Professor, Tulane University School of Medicine, New Orleans, Louisiana
1989 – 2005	Chief, Section of Urology, Charity Hospital of New Orleans, New Orleans, Louisiana
1989 – 1998	Research Affiliate, Delta Regional Primate Research Center, Covington, Louisiana
1988 – Present	Chief, Section of Andrology, Tulane University School of Medicine, New Orleans, Louisiana
1988 – 1992	Assistant Professor, Tulane University School of Medicine, New Orleans, Louisiana
1986 – 1988	Instructor, Department of Urology, University of California, Davis, California

### **CURRENT HOSPITAL AFFILIATIONS**

- Tulane University Hospital, New Orleans, Louisiana
- Tulane- Lakeside Hospital, Metairie, LA
- University Medical Center, New Orleans, LA
- Veterans Administration Medical Center, New Orleans, LA

### **RESEARCH INTERESTS**

- Male infertility
- Erectile dysfunction
- Sperm stimulation protocols for improving motion parameters of sperm
- Development of new pharmacological vasoactive erection drugs in animal models
- Peyronie's disease—both basic research and clinical studies
- Penile rehabilitation post-prostatectomy
- Gene therapy in the treatment of erectile dysfunction

### **HONORS, AWARDS AND FELLOWSHIPS**

- University Scholar, McGill University, 1976, 1977, 1978
- Athlete of the Year, McGill University, (Faculty of Medicine) 1979
- Miley B. Wesson Resident's Essay Contest, Western Section of AUA (Second Prize) 1984
- Northern California Resident's Seminar (Second Prize) 1985
- James McCarthy Essay Contest, Western Section of AUA (First Prize, co-author) 1986
- Poster Section, Western Section of AUA, (First Prize, co-author) 1986
- Fellow, Urology (Infertility), University of California, Davis (AUA Scholar) (1986, 1987, 1988)
- Miley B. Wesson Resident's Essay Contest, Western Section of AUA (Honorable Mention) 1987
- Dean's Research Award for "The Assessment of Fertility Potential in Male Paraplegics." University of California, Davis (1987)
- James McCarthy Essay Contest, Western Section of AUA (Second Prize) 1988
- American Urological Association, First Prize for Clinical Research (1988)
- Resident Presentation Contest (Co-Author), "A Modified Approach to Arterialization of the Dorsal Vein of the Penis in Vasculogenic Impotence." (1989)
- Southeast Section American Urological Association, First Place in the T. Leon Howard Pyelogram Conference, (Co-author), "Renal Malakoplakia" (1990)
- Round Table Contest, Second Prize, Western Section of AUA (1990)
- Prize Poster, American Fertility Society: "Absence of Short Term Gonadotoxicity in Primate Testes Receiving Shock Wave Therapy." (1990)
- Prize Poster, Vth International Congress of Andrology ("Role of Platelet Activating Factor (PAF) and Pentoxifylline (PTX) as Human Sperm Cryoprotectants") (1993)
- Prize Paper, Southern Medical Association Annual Assembly, (Prophylaxis in Penile Prosthetic Surgery) co-author. (1993)
- Young Andrologist Award, American Society of Andrology (1994)
- Prize Paper, Southern Medical Association Annual Assembly, (Stimulation of Collagen Production in an In-Vitro Model for Peyronie's Disease) co-author. (1994)
- Research Mentor for Ben Shenassa, recipient of the "Hume Award for Excellence in Urological Research." (1995)
- Prize Paper, Southern Medical Association Annual Assembly, "Testicular Prosthesis: Pitfalls in Management of the Testicular Mass and Testicular Trauma" (co-author). Kansas

- City, MO (1995)
- Award for Medical Excellence Scholarship Program, Southern Medical Association Annual Assembly. Reconstruction of a Total Anterior Urethral Defect Utilizing Buccal Mucosa”, Kansas City, MO (1995)
- Award for best presentation on MSD (preclinical), “Gene Transfer of Endothelial Nitric Oxide Synthase Partially Restores NO Synthesis and Erectile Function in Streptozotocin Diabetic Rats”, 5<sup>th</sup> Congress of the European Society for Sexual and Impotence Research (ESSM), Hamburg, Germany (2002)
- Award for best presentation on male sexual dysfunction (clinical), “Randomized, double-blind, placebo-controlled, at-home study of intranasal bremelanotide (PT-141) in men with erectile dysfunction with and without diabetes mellitus” at ESSM, Vienna, Austria. (Dec 2006)
- Selected as Best Posters during Moderated Poster Session: 2008 AUA Meeting, Abstract # 970- *Ultrastructural Changes of the Tunica Albuginea in Response To Cavernosal Nerve Injury In Rats*
- Tulane AOA Honor Society Induction (2013)
- American Association of Genitourinary Surgeons (2014)
- AMS Men’s Health F. Brantley Scott Award of Excellence (2017)
- President’s Leadership Award, ISSM (2018)
- Distinguished Contribution Award, AUA (2018)
- Living Legend Award, Society of Urologic Prosthetic Surgeons (2022)
- Honorary Membership, AUA (2023)
- Distinguished Mentor Award, AUA (2024)
- Lifetime Achievement Award, ISSM (2026)

### **PROFESSIONAL SOCIETIES**

- American Association of Genitourinary Surgeons (AAGUS)
- American Society of Andrology
- American Urological Association
- Fellow of the American College of Surgeons
- International Society for Sexual Medicine (ISSM)
- Sexual Medicine Society of North America (SMSNA)
- Society of Urologic Prosthetic Surgeons (SUPS)
- Louisiana State Medical Society
- Northern California Association of Urologists (1983-1988)
- Orleans Parish Medical Society
- Societe Internationale d'Urologie
- Society of Genitourinary Reconstructive Surgeons (GURS)
- Society of Male Reproduction and Urology
- Society of University Urologists, Inc.
- Southeastern Section of the AUA
- American Fertility Society/American Society for Reproductive Medicine (1986-2010)
- American Medical Association (1988-1994)
- Southern Medical Association (1988-2005)

### **EDITORSHIPS**

2015 – 2023	Urology (Gold Journal), Associate Editor
2014 – Present	Andrology (Reviewer)
2013 – Present	Journal of Urology, Editorial Board
2010 – Present	Asian Journal of Andrology, Editorial Board Member
2010 – 2015	US Urology, Editorial Board
2008 – 2013	International Journal of Andrology, Associate Editor
2007 – 2013	Journal of Urology, Specialty Society Editor (SMSNA)
2005 – 2015	Journal of Sexual Medicine, Associate Editor
2004 – 2009	Current Sexual Health Reports, Section Editor
2004 – 2006	Issues in Sexual Medicine, Section Editor
2002 – 2005	International Journal of Impotence Research, Associate Editor
1998 – 2006	Web Site Committee (Society for the Study of Sexual Dysfunction)
1996 – 2005	Journal of Andrology, Associate Editor
1995 – Present	Biology of Reproduction (Reviewer)
1995 – Present	Journal of Clinical Investigation (Reviewer)
1993 – Present	Urology (Reviewer)
1993 – Present	Journal of Urology (Reviewer)
1992 – 1996	Journal of Andrology, Editorial Board Member
1991 – Present	New England Journal of Medicine (Reviewer)
1990 – 2000	Assisted Reproductive Technologies for Andrology. ARTA (Co-editor)
1988 – 2005	Fertility and Sterility Journal (Reviewer)

### **EDUCATIONAL ADVISOR FOR**

- Run Wang, M.D. - Fellowship (1990-1993); “Studies on the effects of varicocele in primates and humans.”
- Michelle Bell, Ph.D. Thesis (1991-1994); “Studies on membrane fluidity and sperm capacitation of sperm.” Basic research project was undertaken in the Andrology laboratory at TUMC.
- Eugene Kukuy - A.F.U.D. Summer Scholarship (1991); “The biochemical evaluation of the erectile response to different pharmacological agents using the cat model.”
- Joseph V. Candela - A.F.U.D. Summer Scholarship (1992); “Penile Prosthetic Implantation: A comparison of the penile-scrotal and infrapubic surgical approaches.”
- Kyoko Sakamoto - A.F.U.D. Summer Scholarship (1992); “Usefulness of Pentoxifylline stimulated cryopreserved sperm for antisperm antibody binding in immunobead-rosette test.”
- Kathryn Elizabeth Noles - A.F.U.D. Summer Scholarship (1993); “In-vitro studies on collagen elaboration in the pathophysiology of Peyronie’s disease.”
- Benham Ben Shenassa - A.F.U.D. Summer Scholarship (1994); “Effect of papaverine, phentolamine and prostaglandin E<sub>1</sub> triple combination on nitric oxide synthase in penile tissue.”
- Demetrios Simopoulos - (1994); “Immunohistochemical localization of nitric oxide synthase in penile tissue.”
- Nikolaos Sofikitis, Ph.D. - Research Instructor (June 1994 - February 1995); “Use of the feline model for comparison and characterization of erectile response to different pharmacologic agents.”
- Hunter Clay Champion - A.F.U.D. Summer Scholarship (1995); “Investigation of adrenomedullin in the feline erection model.”
- Wesley W. Bryan - (1995); “Retrospective review of silastic grafts in the surgical management of Peyronie’s disease.”
- Lance Estrada - (1995); “Effect of cytokines on human sperm parameters.”

- Run Wang, M.D. - Research Fellow (1993-1997); “Studies on sperm motion and stimulation; pharmacological evaluation of penile erection in animal models.”
- Mariano Barcelos Filho, M.D. - (April 1-May 30, 1996); Visiting physician and observer in Urology & Andrology.
- Mahadevan Raj Rajasekaran, Ph.D - Visiting Research Fellow (1996-1998).
- Javier Molina, M.D. - (March 1-April 20, 1997); Visiting physician and observer in Andrology and Urology.
- S. Bradley Pradel, M.D. - Research Student (June 1997 - July 1997) – “Effect on pentoxifylline on human sperm acrosome challenge (ARIC) test.”
- Charles F. Chehardy, M.D. - Visiting Fellow (January 1998 - March 1998) – “Effect of spinal cord injury on rat reproductive functions.”
- Trinity J. Bivalacqua - A.F.U.D. Summer Scholarship (1998); Graduate Student (May 1997 - 1998) – “The effect of phosphodiesterase inhibitors on penile erection,” and “Cellular and molecular aspects of Peyronie’s disease in a rat model.”
- Claudio Teloken, M.D. - Visiting professor and observing urologist in the Section of Andrology (February 1999).
- Erik Diner, A.F.U.D. Summer Scholarship (1999); “Evaluation of erectile response and nitric oxide synthase isoforms in the Peyronie’s disease rat model.”
- Tom Novak, A.F.U.D. Summer Scholarship (1999); “Oral and intralesional therapies for Peyronie’s disease in a rat model.”
- Nicholas Sofikitis, Visiting research fellow, infertility research on round spermatozoa
- Samboon Leungwattanakij, Visiting Fellow (September 1999 - 2001)
- JS Hyun and DY Yang, Visiting Research Fellows (2000-2001)
- Danielle Dienert Sweeney, A.F.U.D. Summer Scholarship (2000); “Effects of sildenafil on vaginal clitoral tissue in pre- and post-menopausal women: an organ bath study.”
- Gregory Lacy, A.F.U.D. Summer Scholarship (2001); “Surgical management of Peyronie’s disease using a rat model.”
- David Adams, A.F.U.D. Summer Scholarship (2001); “Gene therapy for treatment of Diabetic Erectile Dysfunction using a rat model.”
- Mustafa Usta, Visiting Research Fellow, “Protective effect of aminoguanidine on erectile function in streptozotocin in diabetic rats.”
- Serap Gur, Visiting Research Post-Doc (2005-2008)
- Muammer Kendirci, Visiting Research Fellow (2003-2005)
- Landon Trost, Research Medical Student (2004-2007)
- Levant Gurkhan, Visiting Research Fellow (2007-2008)
- Fikret Erdimir, Visiting Research Fellow (2007-2008)
- Yolanda Cockeran, Physician’s Assistant (2007- 2008)
- Liman Ma, Basic Research Fellow (2010-2011)
- Michael Pinsky, Research Medical Student (2010)
- Ahmet Gokce, Basic Research Fellow (2011-2013)
- Ege Can Serefoglu, Basic Research Fellow (2011-2012)
- Neils Johnsen, Research Medical Student (2011-2012)
- Erhan Ates, Clinical Research Fellow (2012)
- Landon Trost, Clinical Research Fellow (2012-2013)
- Ronny Tan, Clinical Andrology Fellow (2013-2014)
- Prem Sant Sangkum, Basic Research Fellow (2013-2015)
- Theodore Saitz, Research Medical Student (2012-2013)
- Louis Aliperti, Research Medical Student (2012-2013)
- Victor Sandoval, Visiting Research Fellow (2012)
- Caner Baran, Visiting Research Fellow (2013-2014)
- Taylor Peak, Research Medical Student (2014-2016)

- Faysal Yafi, Clinical Fellow (2014-2016)
- Kenneth J DeLay, Clinical Fellow (2016-2017)
- Andrew T. Gabrielson, Summer Research Medical Student (2017)
- Laith Alzweri, Clinical Fellow (2017-2018)
- Peter Tsambarlis, Clinical Andrology Fellow (2018-2019)
- Ayad Yousif, Clinical Andrology Fellow (2019-2020)
- Ayman Soubra, Clinical Andrology Fellow (2020-2021)
- Wael Almajed, Clinical Andrology Fellow (2021-2022)

### **COMMITTEES: Intramural**

#### **University Committees:**

- 1989 – 1993 Member, Human Subjects Review Committee, Tulane University School of Medicine, New Orleans
- 1989 – 1990 Member, Search Committee for Chairman of the Department of Obstetrics and Gynecology, Tulane University School of Medicine, New Orleans
- 1990 – 1992 Faculty Advisory Committee to the Dean, Tulane University School of Medicine, New Orleans
- 1994 – Ob-GYN In-Depth Review Subcommittee, Tulane University School of Medicine, New Orleans
- 1996 – 1997 Medicine In-Depth Review Subcommittee, Tulane University School of Medicine, New Orleans
- 2003- 2007 Nominations Committee Member

#### **Hospital Committees:**

- 1989 – Member, Outpatient Surgery Committee, Tulane University Hospital and Clinic, New Orleans
- 1989 – 1994 Member, Infection Control Committee, Tulane University Hospital and Clinic, New Orleans
- 1989 – 1994 Member, Executive Committee, Charity Hospital, New Orleans
- 1990 – 1994 Member, Quality Assurance Review Committee, Tulane University Hospital and Clinic, New Orleans,
- 1990 – Present Member, Surgery Peer Review Committee, Charity Hospital, New Orleans
- 1993 – 1994 Member, Operating Room Committee, Tulane University Hospital and Clinic, New Orleans, LA
- 1996 – 1999 Member, Operating Room Committee, Tulane University Medical Center
- 1990 – 1994 Member, Medical Staff Review Subcommittee, Tulane University Hospital and Clinic, New Orleans
- 1998 – Obstetrics and Gynecology Review Committee, Tulane University Medical Center
- 2001 – Performance Improvement Committee, Tulane University Medical Center
- 2001 – Member, Physiology Review Subcommittee, Tulane University Medical Center
- 2001 – 2002 Chair, Operating Room committee, Tulane University medical Center

### **COMMITTEES: Extramural**

- 1992 – Present Member, Long-term Planning Committee, American Society of Andrology
- 1992 – 1994 Member, Student Affairs Committee, American Society of Andrology
- 1993 – Member, Abstract Committee, American Fertility Society
- 1993 – 1996 Secretary, Southern Medical Association
- 1994 – 1996 Executive Member, Male Reproduction/Urology Committee, American Fertility

- Society
- 1994 – 1995 Member, Education Policy Committee, American Society of Andrology
- 1995 – 1997 Chairman, Education Policy Committee, American Society of Andrology
- 1993 – 1997 Member, Industrial Relations Committee, American Society of Andrology
- 1995 – Member, Auditing Committee, American Urological Association, Society for the Study of Male Reproduction
- 1995 – 1996 Member, Impotence Guidelines Committee, American Urological Association
- 1995 – 2000 Member, USP General Committee of Revision, Expert Advisory Panel on Urology
- 1996 – Chairman, Symposium on Testosterone Deficiency, Southern Medical Assoc.
- 1996 – 1997 Member, Auditing Committee, AUA Society for the Study of Impotence Research
- 1996 – 2000 Member, American Urological Association and the American Foundation of Urologic Disease (AUA/AFUD) Research Committee
- 1997 – Vice Chairman of Urology Section, Southern Medical Association
- 1997 – 1998 Member, Auditing Committee, Society International Urologic
- 1997 – 1999 Member, Strategic Plan Committee, American Society of Reproductive Medicine
- 1997 – 2000 Representative of Liaison Committee; ASA/ASRM and ASBUR
- 1998 – The New Strategic Planning Committee for the SMRU
- 1998 – 2001 President, Section of Urology, Southern Medical Association
- 1998 – Member, Society for the Study of Sexual Dysfunction Web Site Committee
- 1999 – 2004 Chair, Liaison Committee - ASA/ASRM and ASBUR
- 1999 – 2008 Member, Abstract Committee, AUA and Southeastern Section of the AUA
- 1998 – 2000 Member, Awards Committee - American Society of Andrology
- 2002 – 2010 Chair, Audit Committee, ISSM
- 2002 – 2007 Board of Directors, Sexual Medicine Society of North America
- 2003 – 2004 LA Urological Association, President
- 2004 – 2005 Sexual Medicine Society of North American, President
- 2005 – 2010 Board Member, Coalition for the Advancement of Prosthetic Urology
- 2006 – 2014 Treasurer, Society for Urologic Prosthetic Surgery
- 2007 – 2008 Vice President, American Society of Andrology
- 2008 – 2009 President, American Society of Andrology
- 2008 – 2010 President- elect, Society for Urologic Prosthetic Surgery (SUPS)
- 2008 – 2012 Chairman, Development Committee, Sexual Medicine Society of North America (SMSNA)
- 2008 – 2015 Present Chairman, International Consultation on Sexual Medicine (Section on Prosthetics)
- 2009 – 2012 Secretary General, International Society of Sexual Medicine
- 2012 – 2014 President-Elect, International Society of Sexual Medicine
- 2014 – 2016 President, International Society of Sexual Medicine

### **PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. **Hellstrom WJG**, Kogan BA, Jeffrey RB, & McAninch JW. The natural history of prenatal hydronephrosis with normal amounts of amniotic fluid. *J Urol.* 1984; 132(5): 947-950.
2. **Hellstrom WJG**, Edwards MSB, & Kogan BA. Urological aspects of the tethered cord syndrome. *J Urol.* 1986; 135(2):317-320.
3. Lue TF, **Hellstrom WJG**, McAninch JW, & Tanagho EA. Priapism. A refined approach to diagnosis and treatment. *J Urol.* 1986; 136(1):104-108.
4. **Hellstrom WJG**. Subclinical genital infection and male infertility. *Urology Times*; 1986; 14.

5. Junemann KP, Lue TF, Abozeid M, **Hellstrom WJG**, & Tanagho EA. Blood gas analysis in drug-induced penile erection. *Urol Inter.* 1976; 41(3):207-211.
6. Ask AL, **Hellstrom WJG**, Norrman S, Ogren SO, & Ross SB. Selective inhibition of the A form of monamine oxidase by 4-dimethylamino-alpha-methylphenylalkylamine derivative in the rat. *Neuropharmacology.* 1982; 21(4):299-308.
7. **Hellstrom WJG**. In unexplained male infertility, is antibiotic treatment of real value? *Urology Times.* 1987; 14.
8. **Hellstrom WJG**, Schacter J, Sweet RL, McClure RD. Is there a role for chlamydia trachomatis and genital mycoplasma in male infertility? *Fertil Steril.* 1987; 48:337-339.
9. **Hellstrom WJG**, Schmidt RA, Lue TF, & Tanagho EA. Neuromuscular dysfunction in nonbacterial prostatitis. *Urology.* 1987; 30(2):183-8.
10. **Hellstrom WJG**, Deitch AD, & deVere White RA. Clinical Applications of DNA flow cytometry of testicular aspirates in evaluating male infertility. *Surg Forum.* 1987; 38:642.
11. **Hellstrom WJG**, Overstreet JW, Moore S, Samuels S, Chang RJ, & Lewis EL. Antisperm antibodies bind with different patterns to sperm of different men. *J Urol.* 1987; 138(4):895-8.
12. **Hellstrom WJG**. Voiding dysfunction with nonbacterial prostatitis. *Med Asp Hum Sex.* 1987; 21:36.
13. **Hellstrom WJG**. Serum immunoglobulin G antibody may indicate immunologic infertility. *Urology Times.* 1988; 16:21.
14. Lewis EL & **Hellstrom WJG**. Improved design for microsurgery table. *Urology.* 1988; 32(5):452-3.
15. **Hellstrom WJG**, Overstreet JW, Samuels SJ, & Lewis EL. The relationship of circulating antisperm antibodies to sperm surface antibodies in infertile men. *J Urol.* 1988; 140(5):1039-44.
16. Narayan P, Lillian D, **Hellstrom WJG**, Hedgcock M, Jajodia PB, & Tanagho EA. The benefits of combining early radionuclide renal scintigraphy with routine bone scans in patients with prostate cancer. *J Urol.* 1988; 140(6):1448-51.
17. **Hellstrom WJG**, Deitch AD, & deVere White RW. Evaluation of vasovasostomy candidates by DNA flow cytometry of testicular aspirates. *Fertil Steril.* 1989; 51(3):546-48.
18. **Hellstrom WJG**, Stone AR, Deitch AD, & deVere White RW. The clinical application of aspiration DNA flow cytometry to neurologically impaired men entering an electroejaculation program. *J Urol.* 1989; 142(2 Pt 1):309-12.
19. **Hellstrom WJG** & Sikka SC. Pentoxifylline stimulates the movement characteristics of cryopreserved sperm. *Surg Forum.* 1989; 40:648.
20. **Hellstrom WJG**, Tesluk H, Deitch AD, & deVere White RW. Comparison of flow cytometry to routine testicular biopsy in male infertility. *Urology.* 1990; 35(4):321-6.
21. **Hellstrom WJG**, Samuels SJ, Waits AB, & Overstreet JW. A Comparison of the usefulness spermmar and immunobead testing for IgG antisperm antibody binding. *Fertil Steril.* 1990; 52(6):1027-31.
22. **Hellstrom WJG**. Modifications in operating-table design for urologic microsurgery. *Urol Clin N Am.* 1990; 17(1):135-8.
23. **Hellstrom WJG** & Kaack B. Optimum testicular aspiration technique for DNA flow cytometric analysis of spermatogenesis in primates (*Papio anubis*). *Fertil Steril.* 1990; 54(3):517-21.
24. Lapeyrolerie J, Avant J, Malter J, & **Hellstrom WJG**. Standardization of fine needle aspiration biopsy of human testes using DNA flow cytometry. *Surg Forum.* 1990; 41:682.
25. Sikka SC & **Hellstrom WJG**. Functional evaluation and motility parameters of Pentoxifylline-stimulated cryopreserved human sperm. *Assist Reprod Techno/Androl.* 1990; 1:309.
26. Sikka SC & **Hellstrom WJG**. The application of Pentoxifylline in the stimulation of sperm

- motion in men undergoing electroejaculation. *J Androl.* 1991; 12(2):165-70.
27. Dean OJ, **Hellstrom WJG**, & Krane NK. Urologic prostheses and continuous ambulatory peritoneal dialysis. Letter to the Editor, *J Urol.* 1991; 145(6):1279.
  28. Naftulin BN, Samuels SJ, **Hellstrom WJG**, Lewis EL, & Overstreet JW. Semen quality in varicocele patients is characterized by tapering sperm cells. *Fertil Steril.* 1991; 56(1):149-51.
  29. Salvatore FT, Sharman GM, & **Hellstrom WJG**. Vacuum constriction devices (VCD) and the clinical urologist; making an informed selection. *Urology.* 1991; 38(4):323-7.
  30. **Hellstrom WJG**, Wang R, & Sikka SC. Platelet activating factor (PAF) stimulates motion parameters of cryopreserved human sperm. *Fertil Steril.* 1991; 56(4):768-70.
  31. Hurwitz G, Reimund E, Moparty KR, & **Hellstrom WJG**. Bilateral renal parenchymal malakoplakia: A case report. *J Urol.* 1992; 147(1):115-7.
  32. Walters FP, Neal DE, Rege AB, George WJ, Ricci MJ, & **Hellstrom WJG**. Cavernal tissue antibiotic levels in penile prosthesis surgery. *J Urol.* 1992; 147(5):1282-4.
  33. Bell M, Sikka SC, Rajasekaran M, & **Hellstrom WJG**. Time course study of hydrogen peroxide induced in the lipid peroxidation of human sperm membranes. *Assist Reprod Technol/Androl.* 1992; 3:144.
  34. **Hellstrom WJG**, Neal DE. The diagnosis and therapy of male genital tract infections. *Infertil Reprod Med Clin North Am.* 1992;3(2):399-411.
  35. **Hellstrom WJG**. New techniques in the diagnosis and treatment of male infertility and vasectomy reversal. *Curr Opin Urol.* 1992; 2:457-462.
  36. Lee B, Sikka SC, Randrup ER, Villemarette P, Baum N, Hower JF, & **Hellstrom WJG**. Standardization of penile blood flow parameters in normal men using intracavernosal PGE<sub>1</sub> and visual sexual stimulation. *J Urol.* 1993; 149(1):49-52.
  37. Rajasekaran M, Nair AGR, **Hellstrom WJG**, & Sikka SC. Spermicidal activity of an antifungal saponin obtained from the tropical herb Mollugo Pentaphylla. *Contraception.* 1993; 47(5):401-12.
  38. **Hellstrom WJG**, Kaack MB, Harrison RM, Thomas R, & Neal DE. Absence of long-term gonadotoxicity in primates receiving extracorporeal shock-wave application. *J Endourol.* 1993; 7(1):17-21.
  39. Daroca PJ Jr., Martin AA, Reed RJ, Kregel SS, & **Hellstrom WJG**. Urethral nephrogenic adenoma. *J Urologic Pathol.* 1993; 1:157-72.
  40. Weintraub MP, De Mouy E, & **Hellstrom WJG**. Newer modalities in the diagnosis and treatment of ejaculatory duct obstruction. *J Urol.* 1993; 150(4): 1150-54.
  41. Sikka SC, **Hellstrom WJG**, & Naz RK. Pentoxifylline: Role in management of male infertility and mechanisms of action. *Mol Androl.* 1993; 5:220-231.
  42. Bell M, Wang R, **Hellstrom WJG**, & Sikka SC. Effect of cryoprotective additives and cryopreservation protocol on sperm membrane lipid peroxidation and recovery of motile human sperm. *J Androl.* 1993; 14(6):472-78.
  43. Wang R, Higuera TR, Sikka SC, Minkes RK, Bellan JA, Kadowitz PJ, Domer FR, & **Hellstrom WJG**. Penile erections induced by vasoactive intestinal peptide and sodium nitroprusside. *Urol Res.* 1993; 21(2):75-8.
  44. Wang R, Sikka SC, Veeraragavan K, Bell M, & **Hellstrom WJG**. Platelet activating factor and pentoxifylline as human sperm cryoprotectants. *Fertil Steril.* 1993; 60(4):711-15.
  45. Dahiya R, Sikka SC, **Hellstrom WJG**, Hayware SW, Narayan P, Tanagho EA, & Lue TF. Phenotypic and cytogenetic characterization of a human corpus cavernosum cell line (DS-1). *Biochem Mol Biol Int.* 1993; 30(3):559-69.
  46. Wang R, Steele RH, Harrison RM, & **Hellstrom WJG**. Radiologic observations of long-term partial left renal vein occlusion in the cynomolgus monkey. *Infertility.* 1994; 16.
  47. Sikka SC, Wang R, Kukuy EL, Walker CF, & **Hellstrom WJG**. The detrimental effects of electric current on normal human sperm. *J Androl.* 1994; 1(2)5:145-50.

48. Wang R, Domer FR, Sikka SC, Kadowitz PJ, & **Hellstrom WJG**. Nitric oxide mediates penile erection in cats *J Urol*. 1994; 151(1):234-37.
49. **Hellstrom WJG**, Candela JV, & Neal DE Jr. Successful preservation of potency in treatment of glans hyperemia following deep penile vein revascularization surgery. *Intl J Impot Res*. 1994; 6(1):1-7.
50. Belker AM, Oats RD, **Hellstrom WJG**, et al. Results in the United States with sperm micro-aspiration retrieval techniques and assisted reproductive technologies. *J Urol*. 1994; 151(5):1255-59.
51. **Hellstrom WJG**, Monga M, Wang R, Domer FR, Kadowitz PJ, & Roberts JA. Penile erection in the primate: induction with nitric-oxide donors. *J Urol*. 1994; 151(6):1723-1727.
52. **Hellstrom WJG**, Bell M, Wang R, & Sikka SC. Effect of sodium nitroprusside on sperm motility, viability, and lipid peroxidation. *Fertil Steril*. 1994; 61(6):1117-22.
53. Wang R, Bell M, **Hellstrom WJG**, & Sikka SC. Post-thaw motility, cAMP concentration and membrane lipid peroxidation after stimulation with pentoxifylline and platelet-activating factor. *Intl J Androl*. 1994; 17(3):169-73.
54. Monga M, Wang R, Roberts JA, & **Hellstrom WJG**. Tunica vaginalis sperm reservoir in a monkey model of vas deferens obstruction. *J Androl*. 1994; 15(4):309-10.
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