



## Stanley J. Antolak, Jr., MD

### OFFICES

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### PRACTICE

- 2009-Present      MAPS Applied Research Center  
Principal Investigator/Sub-Investigator  
Edina, Minnesota
- 2008-Present      Medical Advanced Pain Specialists  
Interventional Pain Management  
Minneapolis, Minnesota
- 2003-2008          Center for Urologic and Pelvic Pain  
Founder and Director  
8650 Hudson Blvd. Suite 320  
Lake Elmo, MN 55042
- 2005-2009          Pudendal Neuralgia Foundation  
President  
P.O. Box 251143  
Woodbury, MN 55125
- 2003                  Department of Urology  
Senior Associate Consultant  
Mayo Clinic  
Rochester, Minnesota



## **INTERNSHIP**

1962-1963                      Rotating  
Philadelphia General Hospital

## **CLINICAL PRECEPTORSHIP**

3/2000 – 7/2000              Pudendal Neuralgia  
Hotel Dieux, Nantes, France

## **RESIDENCY**

1965-1968                      Urology  
Minneapolis Veterans Hospital  
Minneapolis, MN

1964                              General Surgery  
Minneapolis Veterans Hospital  
Minneapolis, MN

1963 – 1964                    General Surgery  
Kingsbridge Veterans Hospital  
Bronx, New York

## **EDUCATION**

1962                              University of Minnesota  
M.D.

1960                              University of Minnesota  
B.S.

1959                              University of Minnesota  
B.A.

## **MEDICAL LICENSURE**

1968                              State of Minnesota (active)

## **CERTIFICATIONS**

1971                              American Board of Urology



1995

SPEX

### **PROFESSIONAL ORGANIZATIONS**

International Pelvic Pain Society

Society for Pudendal Neuralgia

American Fertility and Sterility Society

American Medical Association

American Society of Andrology

American Urological Association

International Pelvic Pain Society

International Society of Andrology

Minnesota State Medical Association

Minnesota Urologic Association

North Central Section of the American Urological Association, Inc.

Ramsey County Medical Society

St. Paul Surgical Society

The Society for Pediatric Urology

### **FACULTY APPOINTMENTS**

1998-2003 Associate Clinical Professor of Urology  
Mayo Medical School, Rochester, MN

1975-1994 Lecturer, Preceptor  
St. John's Family Practice Program  
University of Minnesota

1972-1994 Lecturer, Preceptor  
Bethesda Family Practice Program  
University of Minnesota

1975-1994 Associate Clinical Professor of  
Family Practice  
University of Minnesota



1972-1995 Associate Clinical Professor of Urology  
University of Minnesota

## **PROFESSIONAL POSITIONS & MAJOR APPOINTMENTS**

1998-2003 Mayo Clinic  
Department of Urology  
Rochester, MN

1996-1998 Watertown Urology  
Watertown, SD

-1996 Carl T. Hayden Veterans Administration Medical Center  
Urology Section, Surgery Department (112F)

1968-1995 Saint Paul Urology  
Merged 1994: Metropolitan Urologic Specialists

1995 Payne Avenue Medical Clinic  
Family Practice

## **ACADEMIC HONORS AND AWARDS**

1994 “Top Doctors”  
Minneapolis Saint Paul Magazine

1974 Thirlby Award  
Best paper by a practicing urologist. “Male Infertility; A Five Year Review”  
North Central Section American Urologic Association

## **PRESENTATIONS**

Clinical Findings Suggest a Neuropathic Basis for the Painful Bladder Syndrome. Stanley J. Antolak, Jr., M.D. 2006 NIDDK International Symposium: Frontiers in Painful Bladder Syndrome and Interstitial Cystitis. Bethesda, M.D. October 26, 2006.

Using the National Institutes of Health Chronic Prostatitis Symptom Index to monitor treatment of the chronic pelvic pain syndrome with pudendal nerve perineural injections. Antolak, SJ and Antolak, CM. NIDDK Chronic Pelvic pain/Chronic Prostatitis Workshop, Baltimore, MD. October 2005.

Modification of the National Institutes of Health Chronic Prostatitis Symptom Index for use in females with pudendal neuralgia. A preliminary report. Antolak, SJ and Antolak, CM. NIDDK Chronic Pelvic pain/Chronic Prostatitis Workshop, Baltimore, MD. October 2005.



Pudendal neuropathy identified in patients with failed sacral nerve root stimulator. Antolak, SJ and Antolak, CM. North Central Section of the American Urological Association, Annual Meeting, Chicago, IL. September 2005.

Midline warm detection threshold determination for penile neuropathy is inaccurate. Antolak, CM and Antolak, SJ. North Central Section of the American Urological Association, Annual Meeting, Chicago, IL. September 2005.

Pudendal Neuralgia. Surgical Conference, Woodwinds Hospital, Woodbury, MN. February 2004.

Pudendal Neuralgia. Antolak, SJ. International Pelvic Pain Society. Banff, Canada. August 2003.

Pudendal Neuralgia. Antolak, SJ. Minnesota Urological Association, Spring Seminar. Bloomington, MN.

Pudendal Neuralgia. Antolak, SJ. Minnesota Urological Association, Spring Seminar. Bloomington, Minnesota. March 2003.

Defining Chronic Pelvic Pain as a Compression Mononeuropathy. Antolak SJ. International Society of Pelvic Neuromodulation, Phoenix, AZ. January 2003.

Noninflammatory chronic pelvic pain syndrome: Defining the symptoms using therapeutic injections of the pudendal nerve. Antolak, SJ; Hough, D; King, BF; Maus, T; Vrtiska, T; and Pawlina, W. Western Section of the American Urological Association. Kauai, HI. October 2002.

Perineal Suspension: A test of, and treatment for, "prostatitis-like" symptoms of pudendal neuralgia, also known as NIH Category IIB non-inflammatory prostatitis/chronic pelvic pain syndrome. Antolak, Stanley; Hough, David; and Pawlina, Wojciech. Western Section of the American Urological Association. Kauai, HI. October 2002.

Perineal hyperprotection: II. Improvement in NIH Chronic prostatitis symptom index voiding domain using a self-care, noninvasive treatment. Stanley J. Antolak, Jr., North Central Section of the American Urological Association. September 2002.

Perineal Hyperprotection: I. A successful self-care program for category IIB "Chronic Prostatitis" the chronic pelvic pain syndrome. Stanley J. Antolak, Jr., North Central Section of the American Urological Association. September 2002.

"What's New in Prostatitis?": Mayo Clinic School of Continuing Medical Education, Clinical Reviews 2001. October 29-31, 2001; November 12-14, 2001.

Anatomical Approach to Perineural Injections for Pudendal Nerve Entrapment Syndrome. Pawlina, W; Antolak, SJ; Maus, TP; Hough, DM; King, BF. South Africa. July 2001.

Urogenital Pain Due to Pudendal Nerve Entrapment: Using the Chronic Prostatitis Symptom Index to Monitor Sequential Treatment Methods. World Congress of Pain. Antolak, SJ. Istanbul, Turkey. June 28, 2001.

Category III Prostatitis: Changing the Paradigm --- the role of Pudendal Nerve Entrapment. Antolak, Jr., Stanley J., Third International Chronic Prostatitis Network. Washington, DC. October 23, 2000.



Chronic Perineal Pain Due to Pudendal Nerve Entrapment; Anatomy, Pathophysiology, and Technique of CT-guided nerve block. Wittenberg, KH; Hough, DM; King, BF; Pawlina, W; Antolak, SJ. [Poster] (Society of Uroradiology, Scottsdale, AZ) March 22-28.

## **INVITED SPEAKER**

Unusual and Complex Pelvic Neuropathies. Stanley J. Antolak, Jr., M.D. International Pelvic Pain Society Annual Meeting. San Diego, CA. October 26, 2007.

Male Pelvic Pain. Stanley J. Antolak, Jr. M.D. Society of Urologic Nurses and Associates. Bloomington, MN. September 15, 2007.

Male Pelvic Pain. Stanley J. Antolak, Jr., M.D. American Society for Interventional Pain Physician. Washington, D.C. June 24, 2007.

Is Pudendal Nerve Decompression Effective on Symptoms Other Than Pain? Stanley Antolak, M.D. Fifth Annual Symposium, Mediterranean Society for Pelvic Floor Disorders, Cairo, Egypt. 6 April 2007

Observations on the Transgluteal Decompression of the Pudendal Nerve. Annual meeting of the International Urogynecology Association, Athens, Greece. September 2006.

Pudendal Neuralgia. Grand Rounds, Department of Obstetrics and Gynecology, University of North Carolina, Chapel Hill, NC. December 15, 2005.

Male Pelvic Pain. International Pelvic Pain Society. Annual Meeting. Atlanta, GA. October 2005.

Divining Pelvic Pain: Anatomy, Anesthesia, Anecdotes. International Pelvic Pain Society. Chicago, IL. August 2004.

## **PUBLICATIONS**

Therapeutic Pudendal Nerve Blocks Using Corticosteroids Cure Pelvic Pain after Failure of Sacral Neuromodulation. S.J. Antolak, Jr.; C.M. Antolak. Pain Medicine DOI 2007.

Failed Sacral Nerve Root Stimulator: Simple Testes Demonstrate Pudendal Neuropath. A case review. Antolak SJ.; Antolak CM.: Journal of Pelvic Medicine & Surgery, 12:35-40 2006.

Chronic Perineal Pain Due to Pudendal Nerve Entrapment: Anatomy, Pathophysiology, and Technique for CT-Guided Perineural Injection. Hough, DM.; Wittenberg, KH.; Pawlina, W.; Maus, TP.; King, BF.; Vrtiska, TJ.; Farrell, MA.; Antolak, SJ. American Journal of Roentgenology, 186:561-567, 2003.

Anatomical Basis of Chronic Pelvic Pain Syndrome; The Ischial Spine and Pudendal Nerve Entrapment. Antolak, SJ.; Hough, DM.; Pawlina, W. Medical Hypothesis, 59(3): 349-353, September 2002.



Chronic Pelvic Pain Syndrome after Brachytherapy for Carcinoma of the Prostate. Antolak, SJ.; Hough, D.; Pawlina, W. *Journal of Urology*, 167 (6):2525, June 2002.

Pilot Evaluation of Venlafaxine for the Treatment of Hot Flashes in Men Undergoing Androgen Ablation Therapy for Prostate Cancer. (Review) (15 refs) Quella, SK.; Loprinzi, CL.; Sloan, J.; Novotny, P.; Perez, EA.; Burch, PA.; Antolak, SJ, Jr.; Pinsansky, TM. *Journal of Urology*, 162(1): 98-102, July 1999.

The Clinical Problems of Children Having Sterile Ureteral Reflux (A Report on 44 cases). Geist, Robert W.; Antolak, Jr., Stanley J. *Journal of Urology*, 108:343, 1972.

The Clinical Problems of Bladder Capacity in Children. Geist, Robert W.; Antolak, Jr., Stanley J.; Richardson, Edward J. *Minnesota Medicine* 55: 100, 1972.

Interstitial Cystitis in Children. Geist, Robert W.; Antolak, Stanley J. Jr. *Journal of Urology*, 104:922, 1970.

Urologic Evaluation of Hematuria Occurring during Anticoagulant Therapy. Antolak, Jr., Stanley J., and Mellinger, George T. *Journal of Urology* 101:111, 1969.

Infarct of the Prostate Causing Pyohydronephrosis. Antolak, Jr., Stanley J. *Minnesota Medicine* 52:591, 1969.

Female Hypospadias. Antolak, Jr., Stanley J.; Smith, John P. and Doolittle, Kenneth H. *Journal of Urology*, Vol. 102, 1969.

### **LETTER TO EDITOR**

Laparoscopic Excision of a Seminal Vesicle for the Chronic Pelvic Pain Syndrome. *Journal of Urology* 2001.

Acupuncture ameliorates symptoms in men with chronic prostatitis/chronic pelvic pain syndrome. *Urology* 61:1156-1159, 2003.

Sacral Neuromodulation for the Symptomatic Treatment of Refractory Interstitial Cystitis: A prospective study. *Journal of Urology* 169 (4): 1369-1373, 2003 and *Journal of Urology* 170:2391-2392, 2003.

Permanent Interstitial Brachytherapy for the Management of Carcinoma of the Prostate Gland. *Journal of Urology* 169: 1643-1652, 2003. RE: Health Related Quality of Life in Men with Prostate Cancer. *Journal of Urology* 169 (5): 1653-1661, 2003 and *Journal of Urology* 170: 2391-2392, 2003.

A New Classification is Needed for Pelvic Pain Syndromes – Are Existing Terminologies of Spurious Diagnostic Authority Bad for Patients? *Journal of Urology* 2006: 176: 2748-2749; 1989-1990.

### **SPEAKER – DEPARTMENT OF UROLOGY/UROLOGIC SPECIALTIES**



Pain Clinic, Mayo Clinic, Rochester, Minnesota

Colorectal Service, Mayo Clinic, Rochester, Minnesota

Sports Medicine, Mayo Clinic, Rochester, Minnesota

Internal Medicine at Saint Johns Hospital, Saint Paul, Minnesota

Peter Bent Brigham Hospital, Boston, Massachusetts

Metropolitan Colorectal Surgeons, Saint Paul, MN

Blanchard Valley Hospital, Findlay, OH

Department of Obstetrics and Gynecology, University of North Carolina, Durham, NC

Women's Sexual Health Section, Physical Therapy, Twin Cities, MN

Mayo Clinic School of Continuing Medical Education Clinical Reviews 2001. "What's New in Prostatitis?" October 29-31, 2001 and November 12-14, 2001.

## CLINICAL TRIALS

- 2009            A 12-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Trial to Evaluate the Efficacy and Safety of Fesoterodine Flexible Dose Regimen in Vulnerable Elderly Patients with Overactive Bladder  
*[Sub-Investigator]*  
Study Open
- 2009            Randomized, double-blind, placebo-controlled study of the effect of a single injection of SAR164877 (REGN475) on reduction of pain from chronic Pancreatitis.  
*[Sub-Investigator]*  
Study Open
- 2010            A Phase IIb, Randomized, Double-Blind, Placebo-Controlled, Dose Ranging Study Evaluating the Efficacy and Safety of Tanezumab for the Treatment of Moderate to Severe Pain Associated with Interstitial Cystitis/Painful Bladder Syndrome (IC/PBS)  
*[Sub-Investigator]*  
Study Open