

## **CURRICULUM VITAE**

*Panos G. Koutrouvelis, M.D.*

*DATE OF BIRTH: May 12, 1928*  
*PLACE OF BIRTH: Corinth, Greece*  
*MARITAL STATUS: Married, four children*

### **EDUCATION**

*Dervenion High School, Corinthias, Greece*

*University of Athens Medical School, Athens, Greece, M.D.  
April, 1956*

*INTERNSHIP Rotating  
Trinity Lutheran Hospital  
Kansas City, Missouri  
1956 - 1957*

*RESIDENCY St. Luke's Hospital  
Kansas City, Missouri  
Orthopedics  
1957 - 1958*

*University of Kansas Medical Center  
Radiology  
1958 - 1959*

*District of Columbia General Hospital  
Radiology  
1959-1960*

*Ontario Cancer Institution  
Toronto, Canada  
Radiation Oncology  
1960 - 1961*

### **APPOINTMENTS**

*1961 - Present Founder and President of Northern Virginia*

*Radiology & Nuclear Medicine, Inc.  
8320 Old Courthouse Road, Suite 150  
Vienna, Virginia 22182*

- 1961 - 1963      Attending Radiologist  
VA Hospital  
Washington, D.C.*
- 1973 - 1983      Chairman of the Department of Radiology and Radiation Oncology  
Potomac Hospital  
Woodbridge, Virginia*
- 1994 - Present    Director of Uro-Radiology Prostate Institute  
Inventor of the new stereotactic system and method for CT-guided  
Brachytherapy treatment of prostate carcinoma.*
- 1998 - Present    Adjunct Professor of Radiation Oncology  
Howard University  
Washington, D.C.*

**MEMBERSHIPS**      *Radiological Society of North America - Active  
Fairfax County Medical Society - Active. Member of  
Medical Society of Virginia - Active  
American College of Nuclear Medicine - Fellow  
American Brachytherapy Society - Active  
European Society for Therapeutic Radiology and Oncology  
(ESTRO) - Active  
American Society of Therapeutic Radiology (ASTRO)-Active  
Pireas Medical Society, Greece-Active*

**CERTIFICATION**      *American Board of Radiology and Nuclear Medicine  
June 12, 1964*

*The Educational Council for Foreign Medical Graduates (ECFMG)  
Standard Certificate No. 140  
October 17, 1961*

**LICENSURE**      *Virginia - 1959-present  
Washington, District of Columbia 1998-present*

**PUBLICATIONS**

*Koutrouvelis P. Prostate Cancer With Large Glands Treated with 3-D Dimensional  
Computerized Tomography Guided Brachytherapy With Up to Eight Years Follow-up.  
American Journal of Urology Review, July/August 2003:1(1-11).*

Koutrouvelis P, Hendricks F, Lailas N, et al. Salvage Reimplantation in Patient with Local Recurrent Prostate Carcinoma After Brachytherapy with Three Dimensional Computed Tomography-Guided Permanent Pararectal Implant. *Technology in Cancer Research & Treatment* 2(4) August 2003.

Koutrouvelis P, Lailas N, Katz S, et al. Prostate Cancer with Large Glands Treated with Three Dimensional Computed Tomography-Guided Pararectal Brachytherapy. Up to Eight Years Follow-up. *Journal of Urology* 2003 April; 169 (4): 1331-6.

Koutrouvelis P, Gillenwater J, Lailas N, et al. High and Intermediate Risk Prostate Cancer Treated with Three Dimensional Computed Tomography-Guided Brachytherapy 2-8 Years Follow-Up. *International Journal of Radiotherapy and Oncology* June 2003; 67(3):303-308.

Koutrouvelis PG. Three-Dimensional Computed Tomography-Guided Salvage Brachytherapy of Recurrent Large Nonresectable Familial Colo-Rectal Cancer in the Pelvis: Case Report. *Technology in Cancer Research and Treatment*. 1(1), February 2002.

Koutrouvelis P., Lailas N, Hendricks, et al: Three-Dimensional CT-guided Monotherapeutic Pararectal Brachytherapy of prostate cancer with seminal vesicle invasion. *2001 Radiotherapy and Oncology* 60: 31-35.

Koutrouvelis P, Lailas N, Katz S, et al. High & Low Risk Prostate Cancer Treated with 3-D CT-Guided Monotherapeutic Brachytherapy: 1-5 Year Follow-up. *Journal of Endotherapy*; Volume 14: 357-366. May 2000.

Dan Theodorescu, MD, PhD, Gillenwater J, Koutrouvelis P. Prostatourethral-Rectal fistula following prostate brachytherapy: Incidence and RISK factors. *Cancer* 2000; 89:2085-91. 2000 American Cancer Society.

Koutrouvelis P, Lailas N, Goldson A, et al.: 3-D CT-Guided Brachytherapy for Localized Prostate Cancer In Patients With Large Volumes: 5-Year Follow-up. Lead Article in the *Journal of Brachytherapy International* 2000; Volume 16: 1-10.

Koutrouvelis PG . Three Dimensional CT-Guided Ishiorectal Brachytherapy Of Prostate Cancer In Patients With Prior TURP. *Journal of Brachytherapy International* 1999; 15:65-72.

Koutrouvelis PG, et al. Large Prostatic Volume is not a Contraindication for Brachytherapy with the 3D Stereotactic CT-Guided Approach for Localized Prostate Cancer. *Journal of Brachytherapy International* 1998; 14:202-203.

Koutrouvelis PG. Three Dimensional Stereotactic Posterior Ischiorectal Space Computerized Tomography Guided Brachytherapy of Prostate Cancer: A Preliminary Report. *Journal of Urology* 159:142-145 (1998).

Koutrouvelis PG, et.al. Prostate Implant of I-125 Seeds in Strand With Stereotactic CT-Guided Transgluteal Approach. *British Journal of Urology* 80, supp. 2:273, 1997.

Koutrouvelis PG, et al. Stereotactic Transgluteal CT-Guided Conformal Brachytherapy of Prostate Cancer is not Limited by Prostate Size, Bone, or Urinary Obstruction, or TURP Defects. *British Journal of Urology* 80, supp. 2:268, 1997.

Koutrouvelis PG, Lang ER. "Stereotactic Lumbar Microdiscectomy" *Neurosurgery Clinics of North America*, Volume 7, No. 1, January 1996.

Koutrouvelis PG, et al. Stereotactic Transgluteal Approach for Brachytherapy of Prostate Cancer. *Endocurietherapy/Hyperthermia Oncology Journal*, July 1996.

Koutrouvelis PG, Louie A, Lang ER, Heilen R, Koulizakis EN, Koutrouvelis A. A New 3-D Stereotactic Device for Needle Guidance with CT-Guided Invasive Diagnostic and Therapeutic Procedures. *Investigative Radiology*, September 1993.

Koutrouvelis PG, Lang ER, Koutrouvelis AP, et al. Stereotactic Percutaneous Lumbar Discectomy. *Neurosurgery*, Vol. 32, No. 4, April 1993.

### **PRESENTATIONS**

Koutrouvelis PG. State of the Art Brachytherapy of Prostate Cancer. Presented to medical staff, Metropolitan Hospital, Athens, Greece, September 2003.

Koutrouvelis PG. State of the Art Brachytherapy of Prostate Cancer. Presented to urologists and radiation oncologists, Tysons Corner, Virginia, August 14, 2003.

Koutrouvelis PG. CT-Guided State-of-the-Art Brachytherapy of Prostate Cancer. Department of Radiation Oncology, National Institutes of Health, Bethesda, MD November 17, 2002.

Koutrouvelis PG. State of the Art Brachytherapy of Prostate Cancer. Presented to the Urological Society of Northern Greece. 15 November 2002.

Koutrouvelis PG. Latest Treatments for Prostate Cancer. Tumor Conference, Prince William Hospital, May 1, 2002.

Koutrouvelis PG. Three-Dimensional CT-Guided Brachytherapy of Prostate Cancer. Presented at the GEC-ESTRO, 9-11 May 2002, Antalya, Turkey.

Koutrouvelis PG. High & Low Risk Prostate Cancer Treated with 3-D CT-Guided Monotherapeutic Brachytherapy: 1-6 Year Follow-up. Presented at the RSNA meeting in November 2001.

Koutrouvelis PG. Three-Dimensional Computed Tomography-Guided Salvage Brachytherapy of Recurrent Large Nonresectable Familial Colo-Rectal Cancer in the Pelvis: Case Report. Presented at the RSNA meeting in November 2001.

Koutrouvelis PG. State of the Art Brachytherapy of Prostate Cancer Lecture. Philippine Urological Association, Inc. 43<sup>rd</sup> Scientific Convention. Mandaluyong City, Philippines, November 30 to December 2, 2000.

*Koutrouvelis P. Brachytherapy of Prostate Cancer with Seminal Vesicles Involvement (T3c Disease). Presented Radiation Oncology Department, Howard University Hospital. Sep 2000.*

*Koutrouvelis P. 3-D CT-Guided Monotherapeutic Brachytherapy for Prostate Cancer: 68-Month Follow-up. Presented at the ABS/GEC/ESTRO/GLAC Joint International Meeting on 5/21/2000.*

*Koutrouvelis P. 3-D CT-Guided Pararectal Biopsy and Brachytherapy of Seminal Vesicles. Presented at the 57<sup>th</sup> Annual Meeting of the Mid-Atlantic American Urological Association, Hilton Head, S.C. October 1999.*

*Koutrouvelis P. Seminal Vesicle Biopsy with 3-D CT-Guided Stereotaxis for Staging of Prostate Cancer. Presented and Published RSNA Scientific Sessions, Chicago, Illinois, December 1999.*

*Koutrouvelis P. CT-Guided Three-Dimensional Transischio-rectal Approach for Brachytherapy of Prostate Cancer. Presentation to the Medical Radiological Research Center of the Russian Academy of Medical Sciences. July 1999.*

*Koutrouvelis PG. Salvage Brachytherapy For Recurrent Local Prostate Cancer. Presented at the American Brachytherapy Society Exhibit in San Diego, California May 1999.*

*Koutrouvelis PG. Three Dimensional Stereotactic CT-Guided Brachytherapy For Localized Prostate Cancer In Patients With Large Volumes: 58-Month Follow-up. Presented at the American Brachytherapy Society Exhibit in San Diego, California May 1999.*

*Koutrouvelis PG. Salvage Brachytherapy For Recurrent Local Prostate Cancer. Presented at the ESTRO Meeting in Ziest, Holland May 1999.*

*Koutrouvelis PG. Three Dimensional Stereotactic CT-Guided Brachytherapy For Localized Prostate Cancer In Patients With Large Volumes: 58-Month Follow-up. Presented at the ESTRO Meeting in Ziest, Holland May 1999.*

*Koutrouvelis PG. Three Dimensional Stereotactic Transichio-rectal Space CT-guided Conformal Brachytherapy of Prostate Cancer. Presented at the RSNA Scientific Sessions December 1997.*

*Koutrouvelis PG. Prostate Implant of I-125 Seeds In Strand with Stereotactic CT-Guided Transgluteal Approach. Presented to Annual Meeting of the American Brachytherapy Society, May 19-20, 1997, Palm Beach, Florida.*

*Koutrouvelis PG. Stereotactic Transgluteal CT-Guided Conformal Brachytherapy of Prostate Cancer is Not Limited by Prostate Size, Bone Obstruction or TURP Defects. Presented to Annual Meeting of the American Brachytherapy Society, May 19-20, 1997, Palm Beach, Florida.*

*Koutrouvelis PG. Stereotactic Transgluteal CT-Guided Conformal Brachytherapy of Prostate Cancer is Not Limited by Prostate Size, Obstruction or TURP Defects. Radiation & Oncology 43:10, 1997. Presented to Annual Brachytherapy Meeting, GEC-Estro, Stockholm, Sweden, May 5-7, 1997.*

Koutrouvelis PG, et al. Stereotactic Transgluteal CT-Guided Conformal Brachytherapy of Prostate Cancer, presented at the 11th Biannual Meeting of the International Society for the Upper Urinary Tract in Patras Greece, August 1996.

Koutrouvelis PG. Advances of Interstitial Radiation of the Prostate using CT Guidance, Transgluteal Stereotaxis and Palladium-103 Radioactive Seeds. The Northern Virginia Institute for Continuing Medical Education on Prostate Cancer, May 6, 1995.

Mondalek PM, Koutrouvelis PG, Morganstern SL, Jones NE. Advances in Prostate Seeding: Comparison of the Transrectal Ultrasound- and Transgluteal CT-guided Techniques, presented to the RSNA Scientific Sessions, November 1995.

Koutrouvelis PG. Extracranial CT Stereotaxis. A Safe, Simple, and Accurate Technique for Percutaneous Diagnostic and Therapeutic Procedures. Clinical Conference, National Institute of Health, January 9, 1995.

Koutrouvelis PG. Stereotactic Needle Placement for Intradiscal Therapy, Annual Meeting of International Intradiscal Therapy Society, Aberdeenshire, Scotland, May 21, 1994.

Koutrouvelis PG. Stereotactic Percutaneous Diagnostic and Therapeutic Procedures utilizing a 3-Dimensional Stereotaxis System and CT Scanning, presented in Bucharest, Romania, September 1993.

Koutrouvelis PG. Stereotactic Percutaneous Lumbar Discectomies, European Radiology Association and Congress, Vienna, Austria, September 1993.

Heilen R, Lang ER, Koutrouvelis PG. Stereotactic Percutaneous Lumbar Discectomy. Annual Virginia Orthopaedic Society Convention May 1, 1993, Williamsburg, Virginia.

Koutrouvelis PG. Stereotactic Percutaneous Lumbar Discectomy using the PGK Stereotactic Device, RSNA Scientific Exhibit, November 1991.

Koutrouvelis PG, Lang ER. Percutaneous Lumbar Discectomy using the PGK Stereotactic device, Under CT Guidance: Annual Orthopedic Convention of Spine Disorders, September 21, 1990, Greece.

Koutrouvelis PG. Fine needle aspiration biopsy of tumor masses, lungs, liver, kidneys, adrenals, etc., under CT guidance. Presented at the Cyprus Medical Convention, Limasol, Cyprus, June 1987.

Koutrouvelis PG. Non-invasive evaluation of coronary artery disease with Thallium 201 and radionuclide ventriculography. Presented at the XII World Congress of Angiology, Athens, Greece, 1980.

## **PATENTS**

Patent, #5,047,036, September 10, 1991, PGK Stereotactic Device which allows a user to accurately introduce a medical device through a sterile field into a body at a preselected angle.

Patent #5,626,829, May 6, 1997, Method and apparatus for interstitial radiation of prostate gland

**AWARDS**

*Distinguished Fellow, American College of Nuclear Medicine*  
1991

*Distinguished Award for Medicine, AHEPA, 70th Supreme Convention*  
1992

