



Rocky Mountain Cardiology, PC

Curriculum Vitae

Nelson Perez Trujillo, M.D.

2505 4th Street
Boulder, CO 80304

Work Experience

Private Practice Cardiology: Longmont United Hospital, Boulder Community Hospital, Avista Medical Center
Director Rocky Mountain Nuclear Stress Laboratory
1997-present

Board Member: Boulder American Heart Association
1998-present

Cardiology Fellow University of Colorado Health Sciences Center
Denver, Colorado: 1993-1997.

Year 1: Clinical Cardiology

Year 2-3: Nuclear Medicine Fellowship with non-invasive cardiology research.

Year 4: Dedicated cardiac catheterization and interventional cardiology.

Nuclear Medicine Fellow University of Colorado Health Sciences Center
Denver, Colorado: 1994-1996.

Non-Invasive Cardiology Attending
Denver General Hospital, Division of Cardiology
Denver, Colorado: 1995-present

Rocky Mountain Heart Associates
Cardiology Practice
3655 Lutheran Pkwy
Suite 201
Wheatridge, CO. 80033: 1994-1996.

Medical Officer of the Day Denver Veteran's Administration Medical Center
Denver, Colorado: 1991-1996.

Physician Specialist: Internal Medicine, Resident Coordinator
Sam Sandos Westside Health Clinic: Denver Health and Hospitals

Denver, Colorado: 1991-1993

Clinical Instructor University of Colorado Health Sciences Center
Denver, Colorado: 1991-1995

Courses: Introduction to Physical Diagnosis, Introduction to Clinical Interviewing, and Clinical Problem Solving.

Internal Medicine and Critical Care Associates St Anthony's Hospital
Denver, Colorado: 1992-1993

Internal Medicine Residency University of Colorado Health Sciences Center
Denver, Colorado: 1988-1991
Outpatient Clinic: Denver General Adult Care Unit

Physician: Denver General Walk-In Clinic
Denver, Colorado: 1990-1991

OSIRIS Project Manager: Department of Radiation/Oncology
George Washington University Medical Center
Washington D.C.: 1984-1988

Board Certification

Cardiovascular Medicine	Sept. 1997
Internal Medicine	Sept. 1992
Nuclear Medicine	Sept. 1996

Education

George Washington University School of Medicine
Washington D.C. 1984-1988
Doctor of Medicine with Distinction-May 1988
Alpha Omega Alpha Honor Society

Tulane University School of Engineering
New Orleans, Louisiana 1980-1984
Bachelor of Science and Engineering May 1984
President Tulane Biomedical Engineering Society
Tulane University Award for Engineering Excellence
Alpha Mu Beta Biomedical Engineering Society
Captain: Tulane University Fencing Team

Georgetown Preparatory School
Rockville, Maryland 1976-1980
Award of Merit in Computer Science

Medical License

State of Colorado #30231
Expiration: May 1999
DEA #BT4176271

Service

Internal Medicine Staff: Stout Street Clinic 1992-1994
Medical Coordinator Channel 9 Health Fair
Skyline Chapter of The G. I. Forum 1992-1993

Professional Societies

Alpha Omega Alpha. Honor Society
American Heart Association Affiliate
American College of Cardiology Affiliate
Society of Nuclear Medicine
American Society of Nuclear Cardiology

Awards

Merck Division of Cardiology Research Award 1996
Fellow Research Award Department of Radiology 1996

Local Presentations

"Nuclear Medicine"
September 12, 1998

"Myocardial Viability"
Boulder Community Hospital
September 10, 1998

"Nuclear Medicine in Urology Practice"
Urology Ground Rounds
University of Colorado Health Sciences Center
April 17, 1996

"Nuclear Medicine and Prostate Cancer"
International Urology Preceptorship
Denver, Co.
March 11, 1996, 1997

"Nuclear Technology in Medicine: Diagnosis, Prognosis, and Treatment"
Central Rocky Mountain Chapter Health Physics Society
March 7, 1996

"Genitourinary Nuclear Medicine"
"Myocardial Viability"
"Overview of Clinical Nuclear Medicine"
Radiology Core Curriculum
University of Colorado Health Sciences Center
1994- 1996

"Radionuclide Angiography"
University of Colorado Health Sciences Center
Cardiology Core Curriculum 1995
Yearly lecture

"Overview of Nuclear Medicine"
University of Colorado Health Sciences Center

Radiology Core Curriculum (monthly lecture)
June 1994-present

"Medical Uses of Nuclear Medicine"
American Nuclear Society
Colorado Section
September 27, 1995

"Nuclear Medicine for the Internist"
Internal Medicine Noon Conference
University of Colorado Health Sciences Center
August 7,8 1995

Local Presentations

"Nuclear Renography"
Urology Grand Rounds
University of Colorado Health Sciences Center
July 14, 1995, 1996

"Myocardial Viability: When tissue is the issue"
Rocky Mountain Nuclear Medicine Technologist Association
March 15, 1995

"Cardiac Manifestations of the Anticardiolipin Syndrome"
Cardiology Grand Rounds
University of Colorado Health Sciences Center
May 15, 1993

"Internal Medicine as a Career"
Colorado Rural Health School Program
Denver, Colorado
July 13, 1992

"OSIRIS Generator for Cardiac Imaging in Children"
Children's Hospital
Boston, Massachusetts
August 15, 1985

"Computer Controlled Delivery of Iridium-191"
Oak Ridge Nuclear Facility
Oak Ridge, Tennessee
June 26, 1984

Publications

Peer Reviewed Manuscripts:

Lear J, Pratt J, **Trujillo N**. Redundant array of independent disks (RAID): Practical on-line archiving of nuclear medicine imaging data. J. Dig. Img. 1996; 9:37-38

Trujillo N, Pratt J, Talusani S, Quaife R, Kumpe D, Lear J. Diagnosis of pulmonary embolic disease using Tc-99m diethylenetriamine pentacetic acid (DTPA) Aerosol. Journal of Nuclear Medicine; (in press)

Trujillo N, Gill E. Contemporary Diagnosis and Management of Aortic Stenosis. Hospital Practice August 1997

Book Chapters:

Trujillo N, Lindenfeld J. Myocardial Infarction. Cardiology Secrets. Hanley and Belfus INC.: 81-87; 1994
Revised May 1999

Abstracts:

Thigpen K., **Trujillo N**, Lindenfeld J, Wolfe E, Quaife R. Detection of Early Cardiac Transplant Atherosclerosis using Tc-99m Sestamibi Imaging and Myocardial Perfusion Reserve. *Circulation*

#481 1998

Gill E, **Trujillo N**, Shandas R, DeGroff C, Kon. J Valdez-Cruz L. Comparison of effective orifice area derived using the Doppler Continuity Equation to directly visualized vena contracta areas: in vitro studies using laser induced fluorescence imaging. *JACC* 29:711-1 1997

Shandas R, **Trujillo N**, Gill E, Kwon J, DGroff C, Valdes-Cruz L. Is the vena contracta area for stenotic and regurgitant orifices dependent on hemodynamic variables? an in vitro study using laser induced fluorescence imaging. *JACC* 29: 1018-36 1997

Trujillo N, Corbett J, Whitney M, Quaife R, Simultaneous Right Ventricular Perfusion/Function Assessed by 3-dimensional gated stress Tc-99m sestamibi images predicts right coronary artery stenosis. *Circ* 1996

Lear J. **Trujillo N**, Pratt J, Talusani S, Quaife R, Kumpe D. Accuracy of V/Q Scintigraphy using Tc-99m DTPA Aerosol in the Diagnosis of PE: A Prospective Study. *RSNA* 1996

Lear J, Pratt J, **Trujillo N**. Online PACS data archiving using redundant array of inexpensive disk (RAID) technology. *Computer Applications to Assist Radiology (SCAR 96)* 1996; 125.

Lear J, **Trujillo N**, Pratt J, Talusani S, Quaife R, Kumpe D. Validation of Criteria for diagnosis of pulmonary embolism using DTPA aerosol. *J. Nuc. Med.* 1996; 37:295P

Trujillo N. Quaife R, Adishesan P, Groves B, Corbett J. A new automated method for assessment of left ventricular function and myocardial perfusion using gated tc-99m sestamibi imaging: comparison with cardiac catheterization. *J. Nuc Med.* 1996; 37: 179P

Trujillo N, Kwon J, Kringlen M, Gill E, Shandas R, Valdez-Cruz L. Comparison of effective orifice area calculations using the continuity equation in steady and pulsatile flow: *JACC* 1996; 27:233A

Trujillo N, Pratt J, Talusani S, Quaife R, Kumpe D, Lear J. Evaluation of Ventilation/perfusion scintigraphy using Tc-99m diethylenetriamine pentacetic acid (DTPA) aerosol in the diagnosis of pulmonary embolism; *JACC* 1996; 27: 317A

Trujillo N, Hughes N, Bies R, Morrison D, Keller M. Improved echocardiographic myocardial visualization with peripheral and intracoronary injection of Alunex and tissue doppler imaging. *JACC* 1996; 27:299A

Trujillo N, Gill E, Shandas R, Knudson O, Valdes-Cruz L, Row dependence of the Doppler continuity equation for calculation of effective flow areas: in vitro pulsatile flow studies using rigid orifices. *Circulation* 1994; 90:1-116

Bilir B, **Trujillo N**, Lear J. Critical analysis of intra-splenic transplantation of cryopreserved human hepatocytes in a patient with acute liver failure. *American Association for the Study of Liver Diseases* 1995; (in press)

On Going Research

Trujillo N, Kwon J, Kringlen M, Gill E, Shandas R, Valdez-Cruz L. Evaluation of stenotic orifices by the continuity equation using Digital particle image velocimetry, 3-D Echo and Laser fluorescence imaging. Children's Hospital Flow Lab (in progress)

Trujillo N, Keller M. Use of Echo contrast agents (peripheral and intracoronary injections) to visualize myocardial tissue: In vitro and in vivo studies with alburnex and TDI.

Trujillo N, Keller M. Echocardiographic substudy of the Bidosomide Drug trial. In progress 1995.

Haugen B, Ridgway E, **Trujillo N**, Gill E. Transthoracic Echo with Doppler Tissue Imaging in the Evaluation of Thyroidal Illness. In progress 1995

Bright T, **Trujillo N**, Keller M, Ridgway E. Echocardiographic Evaluation of Patients with Pituitary Resistance to Thyroid Hormone. In progress 1995

Journal Editorial Board:

Editor of the "New in the literature" section of the CD-ROM based Multimedia Review of Invasive Cardiology 1997-present