

CURRICULUM VITAE

Gordon Louis Grado, MD, FACRO, FACR, Hon. Ph.D.

Certified: American Board of Radiology in Radiation Oncology

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EDUCATION

1973 BS in Zoology, Eastern Illinois University, Charleston, IL

1974-1977 Medical Student, Southern Illinois University School of Medicine, Carbondale, IL and Springfield, IL

1977 MD Degree, Southern Illinois University School of Medicine, Springfield, IL

1977-1978 Internship, Diagnostic Radiology, University of Chicago Hospitals and Clinics, Chicago, IL

1978-1981 Radiation Therapy Resident, Mayo Clinic Graduate School of Medicine, Mayo Clinic, Rochester, MN

1978-1981 Post-graduate Medical Student, Mayo Clinic Graduate School of Medicine, University of Minnesota, Mayo Clinic, Rochester, MN

2003 HIPAA Compliance Course – passed for University of Minnesota, hospitals and clinics, Minneapolis, Minnesota.

ACADEMIC APPOINTMENTS

1979-1982 Instructor in Mayo Clinic School of Health Related Sciences, Program in Radiation Therapy Technology, Mayo Clinic/Mayo Foundation, Rochester, MN

1980-1981 Senior Resident Associate, Division of Therapeutic Radiology, Mayo Clinic, Rochester, MN

1980-1981 Chief Resident, Division of Therapeutic Radiology, Mayo Clinic, Rochester, MN

1980-1981 American Cancer Society Clinical Fellow

1982-1993 Clinical Assistant Professor of Radiology (volunteer), University of Nebraska Medical Center, Omaha, NE

ACADEMIC APPOINTMENTS, cont.

1988-1997	Instructor in Oncology, Mayo Medical Center, Rochester, MN
1997-Present	Visiting Professor in Radiation Oncology, Instituto Nacional de Cancerologia (NCI Mexico), Mexico, D.F., Mexico
2001	Visiting Professor in Radiation Oncology, Third School of Clinical Medicine, Beijing Medical University, Beijing, China.
2001-2009	Associate Professor in Radiation Oncology, VA Medical Center, Minneapolis, MN. Training of Urology and Radiation Oncology residents.
2001-Present	Associate Professor in Radiation Oncology, University of Minnesota School of Medicine. Training of Urology and Radiation Oncology residents.
2005-Present	Wurtele Family Professor in Therapeutic Radiology and Radiation Oncology, University of Minnesota, Minneapolis, MN
2011 – Present	Grado Internship, PreMed and Medical Students, Scottsdale, AZ
2011 – Present	University of Arizona, Midwestern University preceptorships, Scottsdale and Glendale, AZ

CONSULTING AND ADMINISTRATIVE POSITIONS

1981-1984	Radiation Oncologist—Bishop Clarkson Memorial Hospital, Lutheran Medical Center, Methodist Hospital/Eppley Care Facility, Midlands Community Hospital, Omaha, NE
1982-1997	Radiation Oncologist—North Central Cancer Treatment Group
1984-1988	Radiation Oncologist—Iowa Methodist Medical Center, Mercy Hospital Medical Center, Iowa Lutheran Hospital, Des Moines General Hospital, Des Moines Veterans Administration Hospital, Broadlawns Hospital, Des Moines, IA, Greater Community Hospital, Creston, IA, Cass County Hospital, Atlantic, IA
1984-1988	Radiation Oncologist—Ottumwa Regional Hospital, Ottumwa, IA, Jennie Edmundson Hospital, Council Bluffs, IA
1988-1992	Section Head, Division of Radiation Oncology, Mayo Clinic Scottsdale, Scottsdale, AZ
1988-1996	Division Education Coordinator, Mayo Clinic Scottsdale, Scottsdale, AZ
1988-1997	Consultant and Chair - Division of Radiation Oncology, Mayo Clinic Scottsdale, Scottsdale, AZ
1988-Present	Radiation Oncologist—Scottsdale Healthcare – Shea, Scottsdale, AZ
1988-Present	Radiation Oncologist – Scottsdale Healthcare – Osborn, Scottsdale, AZ
1988-1996	Program Coordinator, Medical Student Clerkship, Mayo Clinic Scottsdale, Scottsdale, AZ

CONSULTING AND ADMINISTRATIVE POSITIONS, cont.

1988-1992	Resident Education Coordinator, Division of Radiation Oncology, Mayo Clinic Scottsdale, Scottsdale, AZ
1988-1992	Quality Assurance Coordinator, Division of Radiation Oncology, Mayo Clinic Scottsdale, Scottsdale, AZ
1991-1993	Scottsdale Unit Board of Directors—American Cancer Society, Scottsdale, AZ
1992-1996	Department Chairman, Radiation Oncology, Mayo Clinic Scottsdale, Scottsdale, AZ
1992-1996	Chair, Radiation Safety Committee, Mayo Clinic Scottsdale, Scottsdale, AZ
1994-1997	Unit Board Member, Maricopa County, American Cancer Society Arizona Division, Inc., Maricopa Region
1996-1997	Advisory Board of Hospice, Scottsdale Memorial Hospital Health System, Scottsdale, AZ
1996-1997	Medical Director, Center for Radiation Therapy – Mayo Clinic Scottsdale, Scottsdale, AZ
1996-1998	Medical Director, Center for Radiation Therapy, Scottsdale, AZ
1998-Present	Medical Director, private practice, Southwest Oncology Centers, Scottsdale, AZ and Glendale, AZ
2000-2001	Deputy Director, Northwest Prostate Cancer Institute, Northwest Hospital, Seattle, WA
2000-2002	Medical Director, Grado Ragde Clinics, Des Moines, IA, Seattle, WA, Glendale, AZ, Scottsdale, AZ.
2000-2002	Director of Brachytherapy, Mercy Medical Center, Des Moines, IA
2001-2014	Associate Professor, University of Minnesota. Training of Urology and Radiation Oncology residents.
2001-2009	Associate Professor, VA Medical Center, Minneapolis, MN. Training of Urology and Radiation Oncology residents.
2003-Present	Director and Primary Instructor, Prostate Brachytherapy Course, Scottsdale, AZ
2007- Present	Medical Director, Centro de Radioterapia Louis y Lucille Grado, AGS, Mexico.
2009 - Present	Medical Director, Centro Oncologica de Cancer, Chihuahua, Mexico.
2017-Present	Board of Directors Adelante Healthcare.

PROFESSIONAL COMMITTEES

1983-1984	Secretary-Treasurer Midlands Chapter of ASTRO (American Society for Therapeutic Radiology and Oncology), Omaha, NE
1984-1988	Iowa Oncology Research Association, Radiation Oncologist, Des Moines, IA
1984-1985	Vice President, Midlands Chapter of ASTRO (American Society for Therapeutic Radiology and Oncology), Omaha, NE
1994-2001	Carrier Advisory Committee, Medicare, Radiation Oncology Representative for American College of Radiology
2001-Present	Carrier Advisory Committee, Medicare, Radiation Oncology Alternate Representative for American College of Radiology
1986-1987	President, Midlands Chapter of ASTRO (American Society for Therapeutic Radiology and Oncology), Omaha, NE
1993-Present	Radiation Oncology Committee, Arizona Radiological Society
1993-1994	Women's Health Project Committee, American Cancer Society, Arizona Division
1994-1996	Hearing Committee and Emergency Action Committee – American College of Radiation Oncology
1994-1997	Women's Health Committee, American Cancer Society, Arizona Division
1995-1996	Council of Affiliated Regional Radiation Oncology Societies (CARROS) Sub-representative, Scottsdale, AZ
1996-1997	Committee for the American Cancer Society, School of Health Education
1995-1996	Technology Assessment Committee, American Society for Therapeutic Radiology and Oncology (ASTRO), Reston, VA
1996-2001	American College of Radiology (ACR), Radiation Oncology Practice Accreditation Surveyor
1996-Present	Standards Committee, Arizona Radiological Society (ARS), Phoenix, AZ
1996-Present	Executive Committee Member, Arizona Radiological Society (ARS), Phoenix, AZ
1997-Present	CRILA – International Latin American Radiation Oncology Society.
1999-Present	GLAC (Grupa Lantin-Americano Curietherapia)

INSTITUTIONAL COMMITTEES

1988-Present	Radiation Safety Committee, Scottsdale Healthcare – Shea
1988-Present	Radiation Safety Committee, Scottsdale Healthcare – Osborn
1988-1996	Radiation Safety Committee, Mayo Clinic Scottsdale
1989-2001	Radiology Committee, Scottsdale Healthcare – Shea

1989-Present	Radiology Committee, Scottsdale Healthcare – Osborn
1991-1993	Cancer Committee, Scottsdale Healthcare – Shea
1991-1993	Cancer Committee, Scottsdale Healthcare – Osborn
1992-1993	Occupational Environmental Safety Committee, Mayo Clinic Scottsdale
1993-1994	Mayo Foundation Minority Committee, Mayo Clinic Scottsdale
1993-1995	Fee Committee, Mayo Clinic Scottsdale
1993-1994	Mayo Foundation Diversity Committee, Mayo Clinic Scottsdale
1994-1998	Development Committee, Mayo Clinic Scottsdale
1994-1995	Chair, International Development for Mexico, Mayo Clinic Scottsdale Chair, Radiation Oncology Development for Mexico, Mayo Clinic Scottsdale, Scottsdale, AZ
1995-1996	Delta Continuous Improvement Council, Mayo Clinic Scottsdale
1995-1996	Mayo Clinic Scottsdale Hospital Task Force – Nursing Task Force, Medical Oncology Unit, Scottsdale, AZ
1995-1996	Mayo Clinic Scottsdale Hospital Task Force – Allied Task Force, Radiation Oncology, Scottsdale, AZ
1995-1996	Continuous Improvement Council, Mayo Clinic Scottsdale, Scottsdale, AZ
1997-2000	Cancer Committee of the Scottsdale Memorial Hospital – Osborn Medical Staff, Scottsdale, AZ

STATE AND NATIONAL COMMITTEES

1995-1996	Section, Education Coordinator/Program Director
1992-Present	Arizona Radiation Oncology Representative to Carrier Advisory Committee – Medicare, American College of Radiology
1994-1996	Chair, Standards in Radiological Practice and Medical Insurance Committee, American College of Radiology, Arizona Chapter
1995-1996	Technology Assessment Committee, American Society for Therapeutic Radiology and Oncology
1995-1996	Chair, Prostate Brachytherapy Committee, Technology Assessment Committee, American Society for Therapeutic Radiology and Oncology
2000-Present	Governor's Prostate Cancer Task Force – Radiation Oncology Representative for the State of Arizona

VISITING PROFESSOR

1992	Regional Visiting Faculty Professor – Scott and White Clinic, Temple, TX
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1995-1996	National Cancer Institute of Mexico
1995	Universida Autonoma de Nuevo Leon, Monterrey, Mexico
1995	Wyoming Medical Center, Casper, WY
1996	Carle Clinic and Foundation Hospital, Champaign, IL
1996-1997	Northwest Hospital, Seattle, WA
1996-1997	Allegheny General Hospital, Pittsburgh, PA
04/06/99	Proctorship – Lutheran Medical Center, Wheatridge, CO
04/06/99	Proctorship – St. Anthony's Hospital – Denver, CO
06/18-20/99	Proctorship – St. Francis Medical Center, Brachytherapy: Prostate Seed Implantation Certification Course, Honolulu, HI
1989	Albert Einstein Hospital – Sao Paolo, Brazil
1999	Centro de Oncologica Radioterapia, Porto Alegre, Brazil
2000	Centro de Oncologica Radioterapia, Porto Alegre, Brazil
2001	Third School of Clinical Medicine, Beijing Medical University, Beijing, China
2010 – 11 - 13	Third School of Clinical Medicine, Beijing Medical University, Beijing, China

PROFESSIONAL SOCIETIES

1972-1974	Student Organization for Latin Americans, Eastern Illinois University
1973-1974	Beta Beta Beta – National Honorary Undergraduate Life Science Fraternity
1974	Phi Sigma – National Honorary Graduate Life Science Fraternity
1977-1981	American College of Radiology Resident
1978-Present	American Medical Association
1978-1982	Minnesota State Medical Association
1978-1983	Zumbro Valley Medical Society
1979-Present	Radiological Society of North America
1980-Present	American Society for Therapeutic Radiology and Oncology
1981-1987	Midlands Chapter, American Society for Therapeutic Radiology and Oncology
1981-1983	Nebraska Radiological Society
1982-1984	Omaha Midwest Clinical Society

PROFESSIONAL SOCIETIES, cont.

1982-1983	Omaha Clinical Club
1981-Present	American College of Radiology
1984-1987	Iowa State Medical Society
1984-1987	Polk County Medical Society
1988-Present	Maricopa County Medical Society
1988- Present	Arizona Medical Society
1989-Present	American Society of Clinical Oncology
1992-2000	Academy of Medical Science of Maricopa County
1993-2000	Radiation Oncology Committee, Arizona Radiological Society
1994-Present	American College of Radiation Oncology (ACRO)
1994-Present	American Brachytherapy Society (ABS)
1994-1996	Board of Directors, Southwest Division, American Cancer Society

AFFILIATIONS

1982-1997 North Central Cancer Treatment Group

1988-1997 RTOG

LICENSES

1978-Present Illinois

1979-Present Minnesota

1981-1988 Nebraska

1982-Present Iowa

1988-Present Arizona

1997-Present Washington

2000-Present New Mexico

2003-Present Hawaii

BOARD CERTIFICATION

1981 American Board of Radiology – Therapeutic Radiology (LIFETIME)

1999 American Board of Radiology – Radiation Oncology (Voluntary Recertification)

HONORS

1970-1971 National Honor Society, Charleston High School, Charleston, IL

1971 High Honors, Honors, Charleston High School, Charleston, IL

1973-74 Beta Beta Beta-Honorary National Undergraduate Life Science Fraternity

1973 Phi Sigma – Honorary National Graduate Life Science Fraternity

1974 High Honors, Eastern Illinois University, Charleston, IL

1980-1981 American Cancer Society Clinical Fellow/Fellowship

2005 Fellow – American College of Radiation Oncology

2005 Fellow – American College of Radiology

2005 Wurtele Family Professorship in Radiation Oncology, University of Minnesota

2006 Distinguished Alumnus – Eastern Illinois University, Charleston, IL

2009 Latino Excellence in Health and Sciences Award – Valle del Sol, Phoenix, AZ

2011 Distinguished Alumnus – Southern Illinois University Medical School

2013 Honorary Ph.D. – Eastern Illinois University, Charleston, IL

PUBLICATIONS

1. Abay EO II, Laws ER, Grado GL, Bruckman JE, Forbes GS, Gomez MR, Scott M: Pineal Tumors in Children and Adolescents—Treatment By CSF Shunting and Radiotherapy. *J. Neuro. Surg.* 55: 889, 1981.
2. Grado GL: The Evolution of Radiation Oncology. *Stepping Stones Magazine – Iowa Methodist Medical Center*, Vol. 2, p.3, Spring 1987.
3. Foote RF, Olson KD, Jack S, Schaid DJ, Buskirk SJ, Grado GL, and Earl JD: Early-stage Squamous Cell Carcinoma of the Glottic Larynx Treated with Radiation Therapy. *Mayo Clinic Proceedings*, Vol. 67, pp 629-636, 1992.
4. Foote RL, Davis DL, Stanley RJ, Buskirk SJ, Grado GL, Earl JD, Olson KD, O'Brien PC: Base of Tongue Carcinoma: Pathologic Predictors of Recurrence After Surgery Alone. *Head and Neck Journal*, 1992.
5. Martenson JA, Schutt AJ, Grado GL, Maples WJ, and Marschke RF: Evaluation of Radiation Therapy, 5-Fluorouracil and Levamisole in Locally Advanced Gastrointestinal Cancer. *Int. J. Radiation Oncology Biol. Phys.* Vol. 28, pp 439-443, 1993.

6. Winklemann RK, Grado GL, Quimby SR and Connolly SM: Post-radiation Panniculitis. *Mayo Clinic Proceedings*, 68 (2): 122-7, February 1993.
7. Thompson WM, Foote RL, Olsen KD, Schaid DJ, Grado GL, Buskirk SJ, Earle JD: Postoperative Irradiation for Tonsillar Carcinoma. *Mayo Clinic Proceedings*, 68 (7): 665-9, July 1993.
8. Pisansky TM, Halyard MY, Weaver AL, Donohue JH, Grado GL, Grant CS, Hartmann LC, Ingle JN, Schomberg PJ, Wold LE: Breast Conservation Therapy for Invasive Breast Cancer: A Review of Prior Trials and the Mayo Clinic Experience, *Mayo Clinic Proceedings*, 69 (6): 515-24, June 1994.
9. Foote RL, Hilgenfeld RU, Kunselman SJ, Schaid DJ, Buskirk SJ, Grado GL, Earle JD: Radiation Therapy for Squamous Cell Carcinoma of the Tonsil, *Mayo Clinic Proceedings*, 69 (6): 525-31, June 1994.
10. Wong WW, Pluth JR, Grado GL, Schild SE, Sanderson DR: Liposarcoma of the Pleura, *Mayo Clinic Proceedings*, 69 (9): 882-5, September 1994.
11. Grado GL, Buskirk SJ, Robinow JS, Wong WW, Frick LM, Ferrigni RG: The use of Radiotherapy for Patients with Isolated Elevation of Serum PSA Levels Following Radical Prostatectomy. *Mayo Clinic Proceedings*.
12. Schild SE, Wong WW, Grado GL, Halyard MY, Novicki DE, Swanson SK, Larson TR, Ferrigni RG: The Results of Radical Retropubic Prostatectomy and Adjuvant Therapy for Pathologic Stage C Prostate Cancer. *Int. J. Radiation Oncology Biol. Phys.*, Vol. 34, No. 3, pp 535-541, 1996.
13. Halyard MY, Cornella JL, Grado GL, Rizzo NR: Prolonged Amenorrhea Associated with Total Irradiation for Hodgkin's Disease. *Jrnl of Natl Med Assoc.*, Vol. 88, No. 6, pp 391-393, 1996.
14. Foote RL, Grado GL, Buskirk SJ, Olsen KD, Bonner JA, Earle JD, Kasperbauer JL, JcCaffrey TV, Suman VJ: Radiation Therapy for Glottic Cancer Using 6-MV Photons, *Cancer*, 77 (2): pp 381-6, January 1996.
15. Halyard MY, Grado GL, Schomberg PJ, Weaver AL, Grant CS, Pisansky TM: Conservative Therapy for Breast Cancer, The Mayo Clinic Experience, *American Journal of Clinical Oncology*, 19 (5): pp 445-50, 1996.
16. Foote RL, Buskirk SL, Grado GL, Bonner JA: Has Radiotherapy Become Too Expensive to be considered a Treatment Option for Early Glottic Cancer?, *Head & Neck*, 19 (8): pp 692-700, December 1997.
17. Grado GL, Larson TR, Balch CS, Grado MM, Collins JM, Kriegshauser JS, Navickis RJ, Wilkes MM: Five-Year Disease-Free Survival after Prostate Cancer Brachytherapy Using Interactive Techniques with Biplane Ultrasound and Fluoroscopic Guidance, *Int. J. of Radiation Oncology Biology Physics*, Vol. 42, No. 2, pp 289-298, 1998.
18. Grado GL, Collins JM, Kriegshauser JS, Balch CS, Grado MM, Swanson GP, Larson TR, Wilkes MM, Navickis RJ: Salvage Brachytherapy for Localized Prostate Cancer after Radiotherapy Failure, *Urology*, 53 (1), pp 2-10, 1999.

PUBLICATIONS, cont.

19. Grado GL: Benefits of Brachytherapy as Salvage Treatment for Radiorecurrent Localized Prostate Cancer, *Urology* 54 (2), pp 204-207, 1999.
20. Grado GL: Techniques to Achieve Optimal Seed Placement in Salvage and Primary Brachytherapy for Prostate Cancer, *Techniques in Urology*, Vol. 6, No. 2, pp 157-165, 1999.
21. Ragde H., Korb LJ, Abdel-Aziz E, Grado GL, Nadir BS: Modern Prostate Brachytherapy, *Cancer*, July 1, 2000, Vol. 89, No. 1, pp 135-141.
22. Dooley, William C., Grado, Gordon L, et.al., Use of electronic brachytherapy to deliver postsurgical adjuvant radiation therapy for endometrial cancer: a retrospective multicenter study, *OncoTargets and Therapy* 2010:3, 197-203.
23. Dusing R., Drisko J., Grado G., Levine M., Holzbeierlein J., Van Veldhuizen P., Prostate Imaging Modalities that Can Be Used for Complementary and Alternative Medicine Clinical Studies, in *Complementary and Alternative Medicine in Urology-Urologic Clinics of North America*, Vol. 3, No. 3, August 2011.

ABSTRACTS

- 1A. Cormier WJ, Gilchrist GS, Burgert EO, Smithson WA, Bruckman JE, Grado GL: Mangement of Metastatic Ewing's Sarcoma. *Proc. ASCO*, 1980, p 190.
- 2A. Grado GL, Abay EO II, Bruckman JE, Laws ER, Forbes GS, Scott M: Radiation Therapy of Pineal Tumors. *Int. J. Radiation Oncology, Biology, and Physics* 7: Supplement 1, pp 52-53, 1981.
- 3A. Frytak S, Shaw E, Eagan R, Creagan E, Richardson R, Jett J, Foote R, Colon-Otero G, Buskirk S, Marschke R, Fitch T, Grado GL, SU J: Accelerated Hyperfractionated Split-Course Thoracic Radiotherapy (AHSCTRT) and Infusion Cisplatin Based Chemotherapy (CT) for Small Cell Lung Cancer (SCLC).
- 4A. Grado GL, Larson TR, McKee GS, deVries N: Urethral Dilatation in Prostatic Malignancies for Obstructive Uropathy Secondary to Radiation-Induced Edema. *Radiologic Society of North America*, November 1990.
- 5A. Thompson WM, Foote RL, Olsen KD, Schaid DJ, Grado GL, Buskirk SJ, Earle JD: Postoperative Irradiation for Tonsillar Carcinoma. *Int. J. Radiation Oncology, Biology, and Physics*, 1991.
- 6A. Grado GL, Larson TR, Collins JM, Boyle ET, Swanson SK: Use of Fluoroscopy and Transrectal Ultrasound in Transperineal Brachytherapy for Prostate Cancer, 9th World Congress on Endourology and WSWL, June 1991.
- 7A. Grado GL, O'Connor M, Larson TR, Collins JM, Boyle ET, Swanson SK: Comparison of Transrectal Ultrasound Probes and Table Fixation System for Transperineal Prostate Impalnts, 9th World Congress on Endourology and ESWL, June 1991, (IN PRESS).

ABSTRACTS cont.

- 8A. Larson TR, Grado GL, Boyle ET, Swanson SK: Radiation Seed Implantation for the Treatment of Prostate Cancer with Simultaneous Ultrasound and Fluoroscopic Guidance.
- 9A. Foote RL, Hilgenfeld RU, Olsen KD, Jack SM, Schaid DJ, Buskirk SJ, Grado GL, Earl JD: Radiation Therapy for Squamous Cell Carcinoma of the Tonsil. (IN PRESS).
- 10A. Frytak S, Fitch TR, Marschke RF, Grado GL: Infusion Cisplatin Chemotherapy and Accelerated Hyperfractionated Radiotherapy for Small Cell Lung Cancer.
- 11A. Foote RL, Grado GL, Buskirk SJ, Olsen DK, Bonner JA, Earl JD, Kasperbauer JL, McCaffrey TV, Suman VA: Radiation Therapy for Glottic Cancer Using 6MV Photons Radiotherapy.
- 12A. Halyard MY, Grado GL, Schomberg PJ, Weaver AL, Pisansky TM, Grant CS: Conservative Therapy of Breast Cancer: The Mayo Clinic Experience.
- 13A. Schild SE, Grado GL, Buskirk SJ, Robinow JS, Wong WE, Frick LM, Ferrigni RG: The use of Radiotherapy for Patients with Isolated Elevation of Serum PSA Levels Following Radical Prostatectomy.

CONTRIBUTOR

Diagnosis and Treatment of Pineal Region Tumors, Edward A. Neuwelt. Williams and Wilkins. Baltimore, 1984.

PRESENTATIONS

1. Primary Radiation Therapy for Breast Cancer, Mayo Clinic Scottsdale Cancer Reviews, Scottsdale, AZ, 1989.
2. Brachytherapy and Radiation Safety, Scottsdale Healthcare – Osborn, 1989.
3. Brachytherapy and Radiation Safety, Scottsdale Healthcare – Shea, 1989.
4. Radiation Therapy for Brain Metastases, Mayo Clinic Scottsdale Cancer Reviews, Scottsdale, AZ, 1990.
5. X-ray Therapy in Cancer Treatment. Developments in Radiotherapy, Mayo Clinic Scottsdale Speakers Bureau, 1990.
6. Urethral Dilatation in Prostatic Malignancies for Obstructive Uropathy Secondary to Radiation-Induced Edema, Radiologic Society of North America, November 1990.
7. Radiation Oncology, Arizona State Pre-Medical Students Association, Mayo Clinic Scottsdale, 1990.
8. CT Directed Brachytherapy for Locally Recurrent Periaortic Lymph Node Metastases, Radiologic Society of North America, 1991.

PRESENTATIONS, cont.

9. Brachytherapy and Radiation Safety, Scottsdale Healthcare – Shea, 1991.
10. Radiation Therapy in the Treatment of Cancer, “I Can Cope” Series, Scottsdale Healthcare – Shea and Scottsdale Healthcare – Osborn, 1988-1995.
11. Radiation Therapy in Prostate Cancer, Us Too, Carefree Chapter, 1991.
12. Radiation Treatment for Prostate Cancer: External Beam Vs. Seed Implants, Mayo Clinic Scottsdale Clinical Reviews, Scottsdale, AZ 1991.
13. Alternatives in Supporting the Seriously Ill/The Team Concept, Scottsdale Memorial Hospital, Scottsdale, AZ, September 1991.
14. Radioactive Interstitial Prostate Implants under Ultrasound Guidance. Texas Club of Internist Meeting, Scottsdale, AZ, October 1991.
15. Prostate Cancer: Role for Radiation Therapy, Us Too, Scottsdale, AZ Chapter, 1991.
16. Prostate Cancer: Brachytherapy, National Us Too Group, Chicago, IL, 1994.
17. Mayo Alumni Annual Convention, San Diego, CA, March 1995.
18. Prostate Brachytherapy Experiences at Mayo Clinic Scottsdale, Advances in the Treatment of Metastatic Prostate Cancer (ASTRO), Miami, FL, October 1995.
19. Brachytherapy-Prostate Cancer, Medica Sur, Cancer Center Inaugural Symposium, Mexico City, Mexico, November 1995.
20. Fluoroscopic & Ultrasound Guided Prostate Implant: Experience at Mayo Clinic Scottsdale, Mayo Alumni Annual Convention, Scottsdale, AZ, February 1996.
21. 1) Prostate Brachytherapy: Fluoroscopic & Ultrasound Guided Implants. Experience at Mayo Clinic Scottsdale. 2) Strontium-89 in the Palliation of Bone Metastasis. Washington State Radiation Oncology Group, Treatment of Prostate Cancer, Seattle, WA, April 1996.
22. The Mayo Clinic Scottsdale Experience: The Mayo Clinic Scottsdale View, Pacific NW Cancer Foundation, Symposium on Prostate Cancer, Seattle, WA, June 1996.
23. Primary Radiation Therapy for Early Stage Breast Cancer, Medica Sur – Treatment of Breast Cancer, Mexico City, Mexico, June 1996.
24. Comparison of the Cobalt 60 with Moderate Linear Accelerators; Use of Multileaf collimator with High Energy Linear Accelerators; Indications and Limitations of the Linear, International Neuroscience Course, Linear Accelerators, Peru, South America, June 1996.
25. Prostate Brachytherapy Experience at Mayo Clinic Scottsdale. Sixth Annual Hematology/Oncology Reviews, Jacksonville, FL, August 1996.

PRESENTATIONS, cont.

26. Management of Prostate Cancer with Brachytherapy; Centro Medico del Noroeste, Hermosillo, Mexico, November 1996.
27. Mayo Clinic Techniques and Results; Brachytherapy for Localized Prostate Cancer: A Promising New Frontier, Sinai Hospital, Detroit, MI, November 1996.
28. Prostate Cancer: Early Diagnosis and Management of Early Disease, Medica Sur First Anniversary Symposium, Mexico City, Mexico, November 1996.
29. Transrectal Ultrasound for Transperineal Brachytherapy; 2) Selection Factors for Transperineal Prostate Brachytherapy; 3) Workshop – Use of Mick Applicator & Biplane Ultrasound; ABS Semi-Annual School of Brachytherapy, Phoenix, AZ, December 1996.
30. The Mayo Clinic Experience: Techniques and Early Results; Allegheny General Hospital, Prostatic Interstitial Radiation under Ultrasound Guidance, Pittsburgh, PA, January 1997.
31. The treatment of Prostate Cancer with Radioactive Implants; Annual Mayo Radiation Oncology Review Course and Resident Essay Presentations, Co-Director, Scottsdale, AZ, January, February 1997.
32. Brachytherapy Experience at Mayo Clinic Scottsdale: Technique & Early Results; Baylor University Medical Center, Prostate Cancer: Advances and Controversies, Dallas, TX, March 1997.
33. Introduction & Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, March 1997.
34. Introduction & Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, April 1997.
35. Introduction & Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, May 1997.
- 36.** Introduction & Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Early Stage Prostate Cancer, Seattle, WA, May 1997.
37. Introduction & Overview of Program; Selection Factors for Prostate Brachytherapy; Advanced Surgery and Laser Center, Prostate Brachytherapy Course, Macon, GA, June 1997.
38. Introduction & Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, June 1997.
39. The Mayo Experience: Technique and Results; 2) Selection Factors for Transperineal Prostate Brachytherapy; Allegheny General Hospital, Prostate Brachytherapy, Pittsburgh, PA, June 1997.

PRESENTATIONS, cont.

40. Prostate Volumetrics and Dosimetry; Mayo Clinic Experience and Results; Pacific Northwest Cancer Foundation, Eighth Annual Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, June 1997.
41. Introduction and Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, July 1997.
42. Introduction and Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, August 1997.
43. How and Why We Do Radioactive Seed Implantation Differently Than Others Do; Us Too Group, Chicago, IL, August 1997.
44. Results of Brachytherapy on Prostate Cancer, Mexican Society of Radiotherapy, International Course of Oncologic Therapeutics, Mexico City, Mexico, August 1997.
45. Introduction and Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle WA, September.
46. Prostate Cancer, Prostate Brachytherapy; The Prostate Cancer Support Association of New Mexico and the American Cancer Society, Albuquerque, NM, September 1997.
47. The Mayo Clinic Experience: Technique and Results; 2) Selection Factors for Transperineal Prostate Brachytherapy; Allegheny General Hospital, Prostate Brachytherapy, Pittsburgh, PA, September 1997.
48. Transperineal Prostate Brachytherapy, Ultrasound & Fluoroscopic Guidance; Therapeutic Radiology Associates, PC, RadOnc-97, Des Moines, IA, September 1997.
49. The Mayo Clinic Experience: Technique and Results; Selection Factors for Transperineal Prostate Brachytherapy; Allegheny General Hospital, Prostate Brachytherapy, Pittsburgh, PA, October 1997.
- 50.** Introduction and Overview of Prostate Brachytherapy; 2) Experience at Mayo Clinic Scottsdale: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, October 1997.
51. Fluoroscope and Ultrasound Guided Prostate Brachytherapy: Mayo Experience, Columbia Regional Medical Center, Brachytherapy, Fort Myers, FL, October 1997.
52. Introduction and Overview of Prostate Brachytherapy; 2) Experience at Center for Radiation Therapy: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, November 1997.
53. Selection Factors in Prostate Brachytherapy; Experience in Prostate Brachytherapy Utilizing Fluoroscopic and Ultrasound Guidance; St. Mary's Medical Center, Third Annual Oncology Symposium, Prostate Cancer, Saginaw, MI, November 1997.

PRESENTATIONS, cont.

54. Prostate Cancer: Oncology Treatment of Early Stages; Patient Primer for Cancer, Third International Symposium: Prevention and Treatment of Cancer, Mexico City, Mexico, November 1997.
55. Brachytherapy Techniques. 2) Principles of Brachytherapy with Permanent Implants: Advances & Disadvantages of I-125, First International Symposium: News in Prostate Cancer, Sao Paulo, Brazil, November 1997.
56. Introduction and Overview of Prostate Brachytherapy; 2) Experience at Center for Radiation Therapy; Technique and Early Results; Pacific Northwest Cancer Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, December 1997.
57. Introduction and Overview of Prostate Brachytherapy; 2) Experience at Center for Radiation Therapy: Technique and Early Results; Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, January 1998.
58. Fluoroscopic and Ultrasound Guided Brachytherapy; Experience at Mayo Clinic, Columbia Regional Medical Center, Fort Myers, FL, January 1998.
59. Introduction and Overview of Prostate Brachytherapy; Experience at Center for Radiation Therapy: Technique and Early Results; 2) Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, February 1998
60. Transrectal Ultrasound & Fluoroscopic Guided Transperineal Prostate Brachytherapy; XXXII Congreso Annual de Primavera, Sociedad Mexicana de Medicina Nuclear, Hermosillo, Sonora, Mexico, March 1998.
61. Mick Applicator Technique; 2) Fluoroscopic & Ultrasound Guided Implants – Experience at Center for Radiation Therapy – Scottsdale, Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, April 1998.
62. Overview of Prostate Brachytherapy; 2) Fluoroscopic & Ultrasound Guided Implants – Experience at Center for Radiation Therapy – Scottsdale, Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, May 1998.
63. Prostate Volumetrics and Dosimetry; 2) Center for Radiation Therapy, Scottsdale Experience and Results, 9th Annual Prostate Cancer and Transperineal Brachytherapy: The State of the Art, Seattle, WA, June 1998.
64. Overview of Prostate Brachytherapy; 2) Fluoroscopic & Ultrasound Guided Implants – Experience at Center for Radiation Therapy – Scottsdale, Pacific Northwest Cancer Foundation, Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, June 1998.
65. Radiotherapy in Prostate Cancer; Instituto Nacional de Cancerologia, Curso Internacional de Cancer de Prostata, Mexico City, Mexico, December 1998.
66. Prostate Brachytherapy in the Treatment of Early and Advanced Stage ACA Prostate, St. John's Mercy Medical Center, Division of Radiation Oncology at Ritz Carlton, St. Louis, MO, January 18, 1999.

PRESENTATIONS, cont.

67. Fluoroscopic & Ultrasound Guided Implant – Experienced in Scottsdale, AZ; 2) Salvage Brachytherapy, Pacific Northwest Cancer Foundation Transperineal Brachytherapy for Early Stage Prostate Cancer, Seattle, WA, February 13-14, 1999.
68. I. Curso Internacional de Braquiterapia Da Prostata, Prostate Brachytherapy, Primary and Salvage Therapy. Centro de Oncologica Radioterapia, Port Alegre, Brazil 1999.
69. Brachytherapy and Prostate Cancer Management, Camelback Inn, Scottsdale, AZ, February 26-28, 1999.
70. Brachytherapy for Prostate Cancer, Sierra Providence Health Network, El Paso, TX, June 15, 1999.
71. Presented a course on Prostate Brachytherapy with proctoring of brachytherapy cases. St. Francis Hospital, Honolulu, HI, August 24-26, 1999.
72. Prostate Brachytherapy, Advances in Real-Time Technique, Camelback Inn, Scottsdale, AZ, September 24-26, 1999.
73. Prostate Brachytherapy, Minimally Invasive Options Program, Ethicon Endo – Surgery Institute, Cincinnati, OH, October 15-16, 1999, Brachytherapy Background, Operative Procedure, Pre and Post Implant Dosimetry, Interactive Telesurgery, Clinical Results/Complications, Case Studies/Lessons Learned, Lab Session.
74. Proctorship and Mentoring of Brachytherapy cases, St. Francis Hospital, Honolulu, HI, November 24-26, 1999.
75. CRILA – Congresso XII, Moderator, I-125 Implants for Prostate Cancer, Huatulco, Mexico, April 26-29, 2000.
76. Advanced Transperineal Prostate Brachytherapy Program, Anneberg Center for Health Science, Side-Effect Management and Complications, Palm Springs, CA, May 13, 2000.
77. Prostate Brachytherapy: Primary and Salvage Therapy with Ultrasound and Fluoroscopic Guidance. Winnipeg, Manitoba, 1999.
78. Treatment of Localized Prostate Cancer, Seed Implantation, Freiburg, Germany, July 7-8, 2000.
79. II Curso Internacional de Braquiterapia Da Prostata, Prostate Brachytherapy (Personal Experience and Treatment Results) Radiation Oncologist's Perspective, Porto Alegre, Brazil, August 26-29, 2000.
80. Minnesota Urological Society Spring Seminar, Bloomington, MN, April 21, 2001. Treatment of Early Stage Prostate Cancer: Prostate Brachytherapy. Debate Comparing with RRP and Cryosurgery.
81. American Urologic Society Spring Seminar, Anaheim, CA, June 4-6, 2001. First International Presentation Via Internet to Europe. Prostate Brachytherapy Salvage Therapy.

PRESENTATIONS, cont.

82. Western Canadian Genito-Urinary Radiation Oncology Forum, Kananaskis, Alberta, Canada, June 9-10, 2001. Prostate Cancer Treatment 2001, Brachytherapy Update: Primary and Rescue Therapy.
83. Tome and Ubinas Radio Oncology Center, Clinicas Las Americas – San Juan, Puerto Rico, 2001 Prostate Brachytherapy, Fluoroscopic and Ultrasound Guided Radioactive Seed Implant, Actuarial Survival of Prostate Brachytherapy Using Interactive Techniques with Biplane Ultrasound and Fluoroscopic Guidance – Experience and Technique, Salvage Brachytherapy for Localized Cancer after Radiotherapy Failure, Modern Prostate Brachytherapy: Results with up to 13 Years Follow-Up of Implants as Monotherapy.
84. University of Minnesota Graduate School of Medicine, Minneapolis, MN, Radiation Oncology and Prostate Brachytherapy, Primary and Salvage (Rescue) Brachytherapy, Fluoroscopic and Ultrasound Guided Prostate Brachytherapy: Actuarial Survival Analysis, Brachytherapy Introduction: Role of Primary Brachytherapy and Rescue Therapy.
85. Third School of Clinical Medicine, Beijing Medical University, Beijing, China, November 2001 – Prostate Brachytherapy Symposium, Brachytherapy Update: Role of Primary Brachytherapy and Rescue Therapy, Fluoroscopic and Ultrasound Guided.
86. American Society of Radiation Therapy and Oncology, Avoiding a Suboptimal Implant, San Francisco, November 3, 2001.
87. American Urological Society Annual Meeting, Prostate Brachytherapy, Orlando, FL, June 25-30, 2002.
88. Sociedad Mexicana de Radioterapeutas, Primas Jornadas de Oncologia del Sureste, 1.Criterios para Tratamiento Con Braquiterapia, 2. Manejo de las Recurrencias., Puebla, Mexico, July 30-Aug. 2, 2003.
89. Elekta Program, Swiss Embassy, “Oncologia en el Sistema de Mexico”, Mexico City, Mexico, September 30, 2003.
90. American Society of Therapeutic Radiology Annual Meeting, “Problems in Salvage Brachytherapy,” Salt Lake City, UT, October 18-23, 2003.
91. XXII National Congress of Oncology : Main Lecture: “Definitive Implants,” and “Lunch with the Professor,” Queretero, Mexico, October 28-November 1, 2003.
92. Shoot-Out at Stone Mountain: Debates Regarding Treatment Options for Early Stage Prostate Cancer, “Mick (Free Seed) vs. Pre-loaded (Link), Stone Mountain, GA, March 19 & 20, 2004.
93. Ninth National Congress of Radiation Oncologists, “Brachytherapy: High Dose Rate vs. Definitive Implants,” Leon, Mexico, October 13-17, 2004
94. Minnesota Radiological Society 2004 Fall Program, “The Role of Imaging in Prostate Brachytherapy,” Bloomington, MN, November 6, 2004.
95. Endourology & Urologic Laparoscopy, Presenter, University of Minnesota, Minneapolis MN, April 21-23, 2005.

PRESENTATIONS, cont.

96. 2nd Annual IG/IMRT Conference, Presenter, Long Beach Memorial Hospital, Long Beach, CA, May 5-6, 2006.
97. Wistar Institute, Evolution of Prostate Cancer Radiation Therapy, Philadelphia, PA, February 21, 2007.
98. CMQ Hospital, Radiation Therapy in the Treatment and Management of Prostate Cancer, Aguascalientes, AGS, Mexico, May 23, 2008
99. Veterans Administration Hospital Course on Prostate Brachytherapy, 1. Surgery set up; 2. Use of Mick Applicator; 3. Patient selection factors; 4. Rectal changes due to radiation therapy; 5. What's wrong with this picture? 6. Why did it happen and what can you do?, July 23, 2007.
100. Jornadas Medicas 10th Aniversario, Presenter, El Hospital CIMA Chihuahua, Mexico, IGRT – Its Role in Radiation Oncology, Next generation platform for Brachytherapy – Electronic Brachytherapy, July, 2008.
101. Veterans Administration Hospital Urology Department, Radiation Therapy for Prostate Cancer, Minneapolis, MN, August 6, 2008.
102. North Valley Surgery Center, Prostate Brachytherapy, Scottsdale, AZ, November 20, 2008
103. El Hospital CIMA, Chihuahua, CHIH, Mexico, New Tomotherapy Improvements, December 19, 2008.
104. New Technologies in Radiotherapy, Presenter, Universidad Autonomad Nuevo Leon, Monterrey, Mexico, 1. Electronic Brachytherapy; 2. Image Guided Radiation Therapy, December 3-6, 2008.
105. Thirteenth National Congress of Radiation Oncology, Presenter, Mexican Society of Radiotherapy, Cancun, Mexico, November 19-22, 2008.
106. St. Joseph's Hospital Cancer Support Group, New Treatment Modalities in the Treatment of Cancer, February 9, 2009.
107. American Brachytherapy Society, New Options in Radiation Therapy – Electronic Brachytherapy, San Antonio, February 17, 2009.
108. Fourth International Congress of Michoacano, 1. Treatment of Head & Neck Cancer with IGRT; 2. Tomotherapy as a Treatment Option for Cancer; 3. Brachytherapy and the treatment of Prostate Cancer; 4. IGRT – Its Role in Modern Radiotherapy, Moralia, Michoacano, Mexico, March 21, 2009.
109. Jornadas Medicas 11th Aniversario, El Hospital CIMA, Tomotherapy in the Treatment of Liver Metastases, Chihuahua, CHIH, Mexico, June 6, 2009.
110. American Society of Radiation Therapy, Reduction of Brachytherapy Seed Movement, Boston, MA, November 2, 2009.
111. Centro Oncologico de Pachucka, Modernization of Radiation Therapy: Cobalt-60 vs. Linear Accelerators, Pachucka, Mexico, November 28, 2009

PRESENTATIONS, cont.

112. Jorndas Del 12th Aniversario, El Hospital CIMA Chihuahua, Chihuahua, Mexico, Indications for Radiation for the Treatment of Prostate Cancer, May 2010.
113. St. Joseph's Hospital Cancer Support Group, New Treatment Options in the Management of Prostate Cancer, May 10, 2010.
114. El Hospital CIMA, New Treatment Modalities in the Management of Prostate Cancer, Chihuahua, CHIH, Mexico, July 13, 2010.
115. US TOO – Chicago, New Diagnostic and Treatment Options for Prostate Cancer, Chicago, IL, July 17, 2010.
116. University of Minnesota Hospitals, So You're Looking for a Job? Resident Lecture, Minneapolis, MN August 8, 2010.
117. ALATRO Congress, Image Guided Intensity Modulated Radiation Therapy Treatment in Prostate Cancer, Montevideo, Uruguay, August 31, 2010
118. 2010 International Conference of Radioactive Seed Interstitial Brachytherapy for Cancer Treatment, Improvements in Prostate Brachytherapy, New Techniques and Options, Beijing, China, September 2-5, 2010.
119. XIV Congreso Nacional de Radioterapia Oncologica , Image Guided Intensity Modulated Radiation Therapy, Adaptive Radiation Therapy, and Stereotactic Body Radiation Therapy, Monterrey, Mexico, September 17-20, 2010.
120. Tomotherapy Conference, Tomotherapy – Options for Treating Prostate Adenocarcinoma, Cali, Columbia, South America, October 23, 2010.
121. Saddlebrook Health Group, How has Tomotherapy Improved the Treatment of Cancer, Tucson, AZ,
122. Prescott Valley Cancer Support Group, New Diagnostic and Treatment Options for Prostate Cancer, December 14, 2010.
123. Centro Internacional de Cancer, 1. Tomotherapy – A Multi-modality Treatment Option; 2. Evolution of Radiation Therapy from Cobalt-60 to Protons, San Salvador, El Salvador, July 16, 2011.
124. Donald Gleason Prostate Cancer Conference, Co-moderator and Brachytherapy course Director, Next Generation of Prostate Cancer Treatment – DWA Image Guided Proton Therapy, Minneapolis, MN, October 14, 2011.
125. 2011 International Conference of Peking University on Radiation Oncology, Next Generation of Prostate Cancer Treatment: IMRT Proton Beam Radiotherapy, Beijing, China, October 27-30, 2011.
126. Mayo Clinic Prostate Cancer Support Group, Prostate Cancer Treatment – New Techniques and Options, November 7, 2011.
127. St. Joseph's Hospital Cancer Support Group, New Techniques and Options in Prostate Cancer Treatment, November 14, 2011.

PRESENTATIONS,cont.

128. University of Minnesota Support Group, How to be a Cancer Patient – Options for Cancer Treatment, March 1, 2012.
129. King Fasail Specialty Hospital, King Fahid Medical City, 1. Improvements in Cancer Treatment Techniques and Options; 2. Image Guided Radiation Therapy; 3. Electronic Brachytherapy; 4. Prostate Brachytherapy; 5. Wound Management, Riyadh, Saudi Arabia, April 3, 2012.
130. Ministry of Health, 1. Improvements in Cancer Treatment Techniques and Options; 2. Image Guided Radiation Therapy; 3. Electronic Brachytherapy; 4. Prostate Brachytherapy; 5. Wound Management, Riyadh, Saudi Arabia, April 4, 2012.
131. King Hamed Hospital, 1. Proton Beam Radiation in the Treatment of Cancer; 2. Improvements in Cancer Treatment Techniques and Options; 3. Electronic Brachytherapy; 4. Prostate Brachytherapy, Bahrain, April 8, 2012.
132. Centro Internacional de Cancer, 1. Radiotherapy and Radiosurgery with Tomotherapy in Lung Cancer; 2. New Strategies in Radiation for High Grade Gliomas, San Salvador, El Salvador, July 6, 2012.
133. Air Force General Hospital, People's Liberation Army Hospital, Tomotherapy Image Guided Intensity Modulated, Adaptive Radiotherapy, Beijing, China, May 24, 2013.
134. 2013 International Conference of Peking University Third Hospital, Tomotherapy Image Guided Intensity Modulated, Adaptive Radiotherapy, Beijing, China, May 24-25, 2013.
135. Kingdom Hospital, Dallah Hospital, 1. Current and Future Radiotherapy Roles in Prostate Cancer Treatment; 2. Image Guided IMRT Treatment in Prostate Cancer, Riyadh, Saudi Arabia, June 25, 2013.
136. Suleman El Habib Hospital, 1. Current and Future Radiotherapy Roles in Prostate Cancer Treatment; 2. Image Guided IMRT Treatment in Prostate Cancer, Riyadh, Saudi Arabia, June 26, 2013.
137. US Too Prostate Cancer Support Group, Burbank, CA, September 18, 2013.
138. Donald Gleason Prostate Cancer Symposium, Presenter, University of Minnesota, Minneapolis, MN, November 8, 2013.
139. The Annual Academic Meeting of Radiation Oncology, Presenter, West Therapeutic Radiology and Oncology Association, Chengdu, Sichuan, China, November 21-24, 2013.

SPECIAL PROJECTS

1998 – Present: Reviewer for the journal, Urology

1999 – Present: Reviewer for the Journal of Urology

2011 – Reviewer for Clinical Genitourinary Cancer

PROSTATE BRACHYTHERAPY COURSES

Developed course content and was main lecturer for two day courses which included 7 comprehensive lecture, didactic training and observation of several procedures:

March 29-30, 2006

June 6-7, 2006

June 27-28, 2006

September 27-28, 2006

September 27-28, 2007

January 3-4, 2009

RADIATION THERAPY PHYSICIAN AND PHYSICIST TRAINING

Five physicians and five physicists from Mexico and El Salvador interned for a period of five months learning modern radiation physics, dosimetry, patient evaluation, IMRT, IGRT, brachytherapy.

PROSTATE BRACHYTHERAPY TRAINING PROGRAM DEVELOPMENT

Santa Fe, MN

Seattle, WA

Ft. Myers, FL

Honolulu, HI

Casper, WY

Atlanta, GA

St. Louis, MO

Champaign, IL

Little Rock, AR

Sacramento, CA

Seoul, South Korea

Beijing, China

Mexico City, MX

Frieberg, Germany

Johannesburg, South Africa

Hermosillo, MX

RADIATION THERAPY DEPARTMENT SITE DEVELOPMENT

Current sites:

Scottsdale, AZ

Bullhead City, AZ

Yuma, AZ

Aguascalientes, MX

Chihuahua, MX

San Salvador, El Salvador

Previous sites:

Council Bluffs, IA

Glendale, AZ

Creston, IA

Ottumwa, IA

