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Birth Place: Champagne, Illinois

Birth Date: April 14, 1948

Citizenship: United States of America

Current Position

**Clinical Professor,
Director of Brachytherapy Division** David Geffen School of Medicine at UCLA
Department of Radiation Oncology
2010 - Present

Previous Position

Founder, Director and Owner California Endocurietherapy Cancer Center (CET)
Clinical practice of Radiation Oncology with emphasis on clinical
experiences in high dose rate (HDR) and complex interstitial
brachytherapy
1982 - 2009

Education

B.A.: University of California, Berkeley (Sept. 1966 - June, 1970)
Berkeley, California
Zoology

M.D.: George Washington University (Sept. 1970 - June 1971)
Washington DC

University of California, Los Angeles (Sept. 1971 - June 1974)
Los Angeles, California

Post-Graduate Training

Internship: *Internal Medicine*, Kaiser Foundation Hospital (July 1, 1974 - June 15, 1975)
Oakland, California

Residency: *Internal Medicine*, Wadsworth Veterans Hospital (July 1, 1975 - June 30, 1976)
West Los Angeles, California

Residency: *Radiation Oncology*, University of California, Los Angeles
(July 1, 1976 - June 30, 1979), Los Angeles, California

Fellowship: *Medical Oncology*, University of California, San Francisco
(July 1, 1979 – June 30, 1981), San Francisco, California

Brachytherapy, Endocurietherapy Research Foundation,
Leavy Radiation Oncology Center, Long Beach Memorial Hospital
(July 1, 1981 – Dec. 31, 1981), Long Beach, California

Board Certifications

Diplomat American Board of Internal Medicine	9/13/78
Diplomat American Board of Radiology (Radiation Oncology)	6/15/79
Diplomat Board of Internal Medicine (Medical Oncology)	11/10/81

Additional Training Certificates

American Brachytherapy Society, *Thorax*, 1995
ABS School of Brachytherapy, Scottsdale, Arizona

American Brachytherapy Society, *Systemic Isotopes*, 1995
ABS School of Brachytherapy, Scottsdale, Arizona

American Brachytherapy Society, *Gynecologic Brachytherapy*, 1995
ABS School of Brachytherapy, Scottsdale, Arizona

ABR MOC (Maintenance of Certificate)
American Board of Radiology, 2014

Academic Affiliations and Faculty Appointments

Stanford University Department Radiation Oncology, School of Medicine:
Primary responsibility in training residents in the area of Brachytherapy
Voluntary Clinical Faculty 1992-1997
Adjunct Clinical Instructor 2003-2010

University of California (UCLA) Department Radiation Oncology, School of Medicine:
Voluntary Clinical Faculty 1989-2003

California Endocurietherapy Cancer Center (CET)
California Prostate Cancer Institute: research, education, and clinical HDR Brachytherapy
California Endovascular Institute: research and clinical Brachytherapy
CET short course observation and instruction for HDR Brachytherapy - 1992-2009

Sutter Health Prostate Cancer Committee

Co-Chair Alta Bates Summit Prostate Program Director 2007-2009

Prostate Cancer Resource Workbook Committee 2007-2009--Completed work book can be found at:

<http://www.pamf.org/prostate/resources/binder.html>

David Geffen, School of Medicine UCLA

Clinical Professor 2010-Present

Research Experience and Program Development

Phase I Trials of Radio-sensitizers, Cancer Research Institute, UCSF 1981 - 1982

Hormone Receptor Analysis, Cancer Research Institute, UCSF 1981 - 1982

CET Cancer Center Active Projects

(Low Dose Rate 1981-1991 and High Dose Rate 1991-present)

CET cancer center (now at UCLA) is actively involved in brachytherapy applicator development and prospective outcome clinical outcome studies in areas listed below

Development of custom database for Brachytherapy outcome analysis

Clinical electronic medical record for clinical practice of Brachytherapy

Gynecological Brachytherapy

Applicator device development for intracavitary and interstitial brachytherapy

CET intracavitary applicator – Demanes (principle designer) Commercial product manufactured by Nucletron Corporation

CET multichannel vaginal cylinder applicator

CET cylinder and ovoid application

Tissue expander for protection of normal tissue protection during brachytherapy

HDR Interstitial brachytherapy for the endometrial, cervical, and vaginal cancer applications

HDR Brachytherapy for previously untreated cervical cancer

HDR Brachytherapy in vaginal cancer

HDR Brachytherapy in primary endometrial cancer

HDR Brachytherapy in recurrent gynecological cancer

Prostate Brachytherapy

Development CET method HDR brachytherapy (Image guidance, intensity modulated)

HDR brachytherapy and external beam radiation therapy for prostate cancer 1991-present

HDR monotherapy brachytherapy for prostate cancer 1991-present

The role of androgen deprivation in conjunction with HDR brachytherapy

Compare HDR monotherapy to combined HDR and external beam radiation therapy in early and intermediate risk prostate cancer.

Effects of Pelvic versus Prostate only irradiation in treatment of prostate cancer

Collaborative studies with William Beaumont Hospital, Royal Oak, MI (2005-Present)

Listed Investigator Prostate International Brachytherapy Protocol

CET Prostate Brachytherapy Template – Demanes (principle designer) Commercial product manufactured by Nucletron Corporation.

Head and Neck Brachytherapy

HDR Brachytherapy in treatment of oral cavity cancer

HDR Brachytherapy and EBRT for treatment of Carcinoma of the Base of Tongue

HDR brachytherapy in treatment of recurrent cancer of head and neck

Brachytherapy applicators for head and neck cancer applications

Breast Cancer

CET Experience with accelerated partial breast irradiation (APBI) early breast cancer

Principle Data Safety Manager Pilot Trial Electronic Breast Brachytherapy (Xoft Corporation) 2004-present

Clinical Advisory Board – Registry Study for Electronic Breast Brachytherapy (Xoft Corp) 2009
Listed Investigator for NSABP B039 / RTOG 0413 Partial Breast Irradiation

Investigator for “A Safety and Efficacy Study of Intra-Operative Radiation Therapy (IORT) Using Xoft Axxent eBx System at the Time of Breast Conservation Surgery for Early Stage Breast Cancer” at UCLA

Investigator for NSABP B-43: “A Phase III Clinical Trial Comparing Trastuzumab Given Concurrently with Radiation Therapy and Radiation Therapy Alone for Women with HER2-Positive Ductal Carcinoma In Situ Resected by Lumpectomy”, in collaboration with Dr. Patricia Ganz, UCLA JCCC Clinical Trials Director.

Participates in the “Interstitial Breast Patient Registry” headed by Dr. Robert Kuske of *Arizona Breast Cancer Specialists*

IGBT (Image-Guided Brachytherapy)

Traveled to Germany to learn and meet about Image-Guided Brachytherapy, Developed IGBT program at UCLA

Invited Lectures and Presentations (Last 12 Years Only)

1. High Dose Rate Brachytherapy - The CET Method
Reno Cancer Center Conference, Reno Nevada 2002
2. High Dose Rate Brachytherapy - Cervix and Vaginal Cancer The CET Method American Brachytherapy Society Meeting 2002
3. High Dose Rate Brachytherapy and External Beam for Prostate Cancer – CET’s Long Term Results
American Society of Therapeutic Radiology and Oncology 2003
4. Perspectives and Future Directions in Radiation Oncology
American College of Radiation Oncology 2003
5. High Dose Rate Prostate Brachytherapy The CET Method Presented at the 24th American Brachytherapy Society Prostate School, New York 2003
6. High Dose Rate Brachytherapy for Gynecologic Cancer: The CET Method 24th American Brachytherapy Society Gynecological School, NY 2003
7. The Society Dedicated to the Advancement of Radiation Oncology
American College of Radiation Oncology, San Francisco 2003
8. High Dose Rate Prostate Brachytherapy The CET Method
Stanford University Lecture 2003

9. Gynecological HDR Brachytherapy Socioeconomic Seminar
American Society for Therapeutic Radiology and Oncology 2003
10. High Dose Rate Prostate Brachytherapy The CET Method 13 years of experience with HDR (1991-2004)
Sun, Seeds, and Sand at the Lynn Cancer Center 2004
11. High Dose Rate Prostate Brachytherapy
California Pacific Medical Center Prostate Cancer Lecture 2004
12. Late Urinary Morbidity: The Status of Scoring Systems and a Collaborative Proposal for Prostate Cancer Presented
Barcelona, Spain 2004
13. High Dose Rate Prostate Brachytherapy Experience with HDR (1991-2004)
14. US Oncology Radiation Oncology Conference Dallas Texas 2004A Dozen Reasons to do High Dose Rate Prostate Brachytherapy
American College of Radiation Oncology Annual Meeting Las Vegas 2005
15. High Dose Rate Brachytherapy for Gynecologic Cancer: The CET Method
American Brachytherapy Society Gynecologic School Chicago 2005
16. High Dose Rate Post-Operative Intracavitary Brachytherapy Endometrial Cancer American Brachytherapy Society Gynecologic School Chicago 2005
17. High Dose Rate Interstitial Brachytherapy Salvage for Recurrent Gynecologic Ca American Brachytherapy Society Gynecologic School Chicago 2005
18. Brachytherapy Socioeconomics Introduction and General Overview
American Brachytherapy Society San Francisco 2005
19. Coding & Reimbursement Seminar
American Society for Therapeutic Radiology and Oncology 2005
20. Brachytherapy for Head and Neck Cancer: 25 Years Experience (1981-2005)
Kaiser ENT Grand Rounds Oakland CA 2006
21. Health Policy in Radiation Oncology
A Report from the President of the American College of Radiation Oncology
Northern California Radiation Oncology Society San Francisco 2006
22. Prostate Cancer Outcomes Compared: HDR and LDR Brachytherapy
Memorial Sloan Kettering International Prostate Cancer Symposium NY 2006
23. HDR and EBRT with/without Androgen Deprivation and HDR Monotherapy
Lynn Cancer Center Prostate Conference Florida 2006
24. High Dose Rate & External Beam Radiation Therapy for Prostate Cancer
Long Term Results 411 Patients
ASTRO Annual Meeting 2006
25. Locally Advanced Cervical Cancer HDR 494 Cases Previously Untreated
American Brachytherapy Society Conference Chicago 2007

26. HDR Brachytherapy Vagina 113 Previously Untreated Cases
American Brachytherapy Society Chicago 2007
27. HDR Intensity Modulated Brachytherapy
Seattle Prostate Cancer Symposium Seattle 2007
28. HDR Brachytherapy: The Role of EBRT and ADT
Seattle Prostate Cancer Symposium Seattle 2007
29. SCOPE II Political Realities and Opportunities in Radiation Oncology
Intersociety Radiation Oncology Conference
Santa Monica CA 2007
30. Breast Conservation and Target Specific Accelerated Partial Breast Irradiation
Eastbay Surgery Breast Cancer Conference Walnut Creek CA. 2007
31. Combined HDR and EBRT and HDR Monotherapy 15 years Experience Stanford Resident
Lecture 2007
32. Chairman's Address: Who we are, what we do, and why we do it.
American College of Radiation Oncology Miami Florida 2008
33. High Dose Rate Brachytherapy Advanced Technology in the Treatment of Cervical and Vaginal
Cancer
Modesto Cancer Center Sept 2008
34. HDR Monotherapy Prostate Favorable Prostate Cancer High 5-Year Control Rates and Low
Toxicity
ASTRO Annual Meeting 2008
35. Accelerated Partial Breast Irradiation
3rd Annual Nguyen Oncology Conference Ho Chi Min City Vietnam 2008
36. High Dose Rate (HDR) Brachytherapy Gynecological Cancer
3rd Annual Nguyen Oncology Conference Ho Chi Min City Vietnam 2008
37. HDR Monotherapy Prostate - Moderately Long Term Results
Lynn Cancer Center Boca Raton 2008
38. Why I like HDR Brachytherapy
Nucletron Symposium American College of Radiation Oncology Meeting
Las Vegas Nevada 2009
39. Brachytherapy for Head and Neck Cancer
Nucletron Symposium American College of Radiation Oncology Meeting
Las Vegas Nevada 2009
40. Accelerated Partial Breast Irradiation
3rd Annual Nguyen Oncology Conference Ho Chi Min City Vietnam 2008
41. High Dose Rate (HDR) Brachytherapy Gynecological Cancer
3rd Annual Nguyen Oncology Conference Ho Chi Min City Vietnam 2008

42. Introduction to HDR Brachytherapy
UCLA Radiation Oncology Departmental Conference West LA 2009
43. Between a ROC, the RUC, the RAC, and a Hard Place
American College of Radiation Oncology Chairman's Address
Las Vegas, Nevada 2009
44. HDR Brachytherapy and External Beam Radiation Therapy for Prostate Ca
Seattle Prostate Cancer Symposium Seattle 2009
45. HDR Monotherapy for Prostate Cancer
Seattle Prostate Cancer Symposium Seattle 2009
46. Luther W. Brady Annual Lectureship at the National Annual Meeting
The Art of Brachytherapy and Abstract Expressionism
American College of Radiation Oncology Annual Meeting Feb 2010
47. Three lectures on HDR brachytherapy (Technical Developments, HDR Monotherapy for Early Prostate Ca, and Combined HDR and EBRT in Locally Advanced Disease
15th Annual Scottsdale Prostate Symposium, March 2010
48. Challenging Cases: Contouring/Planning Workshop: Prostate HDR
American Brachytherapy Society 2010 Annual Meeting, April 29, 2010
Atlanta, GA
49. HDR Brachytherapy – Prostate Part I/VI
UCLA Radiation Oncology Departmental Conference April 22, 2010
50. HDR Brachytherapy – Prostate Part II/VI
UCLA Radiation Oncology Departmental Conference May 14, 2010
51. HDR Brachytherapy – Prostate Part III/VI
UCLA Radiation Oncology Departmental Conference June 18, 2010
52. HDR Brachytherapy, LDR Brachytherapy, Prostate Cancer Brachytherapy
Contributor to Collaborative and Reviewing Committee for guidelines and standards at American College of Radiology, 2010
53. Three lectures: HDR brachytherapy; Salvage High Dose Rate Brachytherapy; How to Prevent and Manage Brachytherapy Urinary Morbidity.
16th Annual Scottsdale Prostate Symposium, March 2011
54. The Art of Brachytherapy Radiation.
UCLA Health System Community Outreach: Sunrise Assisted Living of Santa Monica July 22, 2010.
55. Interstitial HDR Brachytherapy for Vaginal Cancer.
2011 American Brachytherapy Society Meeting, May 2011.
56. Setting-up a Brachytherapy Practice
2011 American Brachytherapy Society Meeting, May 2011.
57. Brachytherapy and Integration with Maxillofacial Prosthetics
2011 UCLA Department of Dentistry, July 2011, July 2012, and July 2013

58. Prostate Radiation Therapy
Prostate Cancer Conference, Westin Los Angeles, September 2011.
59. Brachytherapy for Head and Neck Cancers
UCLA Head and Neck Surgery, Oct 2011.
60. Practical Issues in Head, Neck and Gynecological Brachytherapy
ACRO 2012 Annual Meeting, Fort Myers, February 2012.
61. Speaker at ARRO Walk-Sarcoma for ASTRO 54th Annual Meeting, Oct 2012.
62. Advisory Committee member for ASTRO Meeting in Atlanta 2013
63. Presentations as the President of CARROS- AMCLC of ACR, April 2013.
64. Scientific Session Chair and Moderator “Miscellaneous” Session; Sole Panelist of Panel II: Image Guided Brachytherapy (IGBT)- An Evolving Paradigm – New Orleans American Brachytherapy Society Meeting. April 18-20, 2013.
65. Sarcoma “Poster Walk with a Professor” at ASTRO 55th Annual Meeting, Sept 2013.
66. LARS 2014, “Prostate Brachytherapy HDR Combined and Monotherapy”
67. UCLA 2014, Urology Symposium “HDR Prostate Brachytherapy”
68. American Brachytherapy Society Annual Meeting, April 3, 2014 “Head and Neck Brachytherapy”
San Diego, California
69. American Brachytherapy Society Annual Meeting, April 3, 2014 “Toxicity Associated with HDR Monotherapy for Prostate Cancer” San Diego, California
70. BrachyNext Conference, May 30th 2014, “Vaginal Cylinders for Modern Brachytherapy” and “Can Miami Florida
71. BrachyNext Conference, May 30th 2014, “Can We Salvage Local Recurrence with Brachytherapy Better than With Surgery or SBRT?” Miami Florida
72. American Brachytherapy Society Annual Meeting, April 3, 2014 “Toxicity Associated with HDR Monotherapy for Prostate Cancer” San Diego, California
73. American Brachytherapy Society Annual Meeting, April 3, 2014: Interstitial Multicatheter Brachytherapy for Breast Cancer: A Multi-institution study
74. ASBS presentation May 2014: Interstitial Multi catheter brachytherapy for select DCIS: A multi institutional study
75. ASCO Breast presentation September 2014: Locoregional recurrence risk for women with various molecular subtypes of breast cancer treated with multicatheter interstitial accelerated partial breast irradiation.
76. ASTRO presentation September 2014: Outcomes of “Unsuitable” patients by ASTRO guidelines treated with Accelerated Partial Breast Irradiation (APBI) via multicatheter brachytherapy: A multi-institutional collaborative study.

77. UCLA GU Oncology Teaching Conference, “Why Should Urologist Consider Offering Their Prostate Cancer Patients HDR Brachytherapy”, Oct 2015
78. University of Vienna Radiation Oncology Teaching Conference, “Art and Synergy of Interstitial HDR Brachytherapy”, Nov. 2015

Journals – Invited Peer Reviewer

International Journal of Radiation Oncology Biology Physics

International Journal of Brachytherapy (Brachytherapy Journal)

Journal of Urology

American Journal of Clinical Oncology

European Journal of Urology

Gynecologic Oncology

Journal of Neuro-Oncology

Future Oncology

Clinical Experience and Hospital Activities

1. **Founder and Director of California Endocurietherapy Cancer Center (CET), 1991-2009**

Twenty-eight years of experience in the clinical practice of Radiation Oncology with emphasis on brachytherapy. CET has one of the world’s largest experiences with high dose rate (HDR) and complex interstitial brachytherapy. Thousands of prostate, breast, gynecological, head and neck, lung, esophageal, bile duct, and soft tissue sarcoma procedures have been performed. The first ten years were devoted to “low dose rate” brachytherapy (permanent seed prostate implants and temporary implants). Since 1991 the practice has been devoted to pioneering the development of high dose rate (HDR), remote afterloading brachytherapy. Approximately 22,000 HDR patient treatments have been administered.

2. **Radiation Safety Officer** - California Endocurietherapy Cancer Center, 1982 – 2009

3. **Alta Bates Summit Medical Center, 2007-2009**

Co-Director, Prostate Oncology Service Line
Member, Administrative Oncology Advisory Board
Member, Oncology Committee

4. **UCLA David Geffen School of Medicine, 2010-present**

Clinical Professor, Department of Radiation Oncology
Director, Division of Brachytherapy Program

Honors and Fellowship Awards

Fellow - American College of Radiation Oncology (**FACRO**) - 2007

Fellow - American College of Radiology (**FACR**) - 2007

Fellow - American Society Therapeutic Radiation and Oncology (**FASTRO**) - 2008

Henry S. Kaplan Teaching Award – Radiation Oncology Faculty Teacher of the Year
Stanford University School of Medicine, Department of Radiation Oncology -2004

Golden Nugget Award Radiation Oncology Resident Teaching Award Stanford University School of
Medicine, Department of Radiation Oncology 2007

Gold Medal Award – American College of Radiation Oncology Feb 2010

Best Doctors – 2010, 2013

Organization Affiliations

1. **American Brachytherapy Society (ABS)**, member, 1982 - Present
Chairman - Economics Committee, 1998 – 2006
2. **California Radiological Society (CRS)**, member, 1988 - Present
3. **American Medical Association (AMA)**, member, 1990 - Present
4. **Association of Freestanding Radiation Oncology Centers (ARFOC)** member 1995 – 2010
5. **American College of Radiology (ACR)** member, 1988 - Present
Member ASTRO-ACR Commission (Health Policy Subcommittee)
Vice-President, Council of Affiliated Regional Radiation Oncology Societies (CARROS), 2010-2012
Member ASTRO-ACR Commission, 2012
President, Council of Affiliated Regional Radiation Oncology Societies (CARROS), 2012-2014
6. **American Society for Therapeutic Radiology & Oncology (ASTRO)**
Member, 1984 - Present
Member, Clinical Practice Committee, 1999 – 2000
Member, Coding and Compliance Committee, 1999 – 2000
Member, Joint Economic Committee (JEC), 2000 – 2004
Member of JEC Regulatory Sub-Committee, 2000 – 2004
Member, HPC (formerly HPEC) Task Force radio-immunotherapy, 2003 – 2007
Member, HPC (formerly HPEC) Task Force, Technology Assessment, 2003 - Present
Member, HPC (formerly HPEC) Code Utilization & Application. Committee, 2000 – Present
Vice-Chair, HPC (formerly HPEC) Practice Management Committee, 2003 – 2006
Member, HPC (formerly HPEC) CPT Code Development Committee, 2005 – Present
Chair, HPC Regulatory Committee 2004 – 2007
Member, HPC Regulatory Committee 2010 - Present
Member, ASTRO Commission for the ACR, 2006 – Present
Co-Chair, HPC of the Health Policy Council – 2007-2009

Member, HPC of the Code Development and Valuation Subcommittee – Present
Member, HPC of the Payment Systems Committee – Present
(HPC = Health Policy Committee)

7. **American College of Radiation Oncology (ACRO)** Member, 1990 - Present
Member, Economics Committee, 1998 – Present
Member, Board of Chancellors, 2000 – Present
Chairman Annual Meeting Planning Committee, 2003 & 2004
Vice President, 2003 & 2004
President, 2005 & 2006
Chairman of the Board, 2007 – 2009
Chairman Nominating Committee 2009
Brachytherapy Team Leader (Lead Reviewer), ACRO-PAP (Practice Accreditation Program) –
(Co-Author), ACRO Manual for ACRO Accreditation. 2011 – 2012

Service to Professional Organizations

1. **American Brachytherapy Society (ABS)**
Expert Panel Member reviewing guidelines and preparing reports submitted for peer-reviewed journal publication on: HDR Prostate.

Expert Panel Member reviewing guidelines and preparing reports submitted for peer-reviewed journal publication on: Interstitial Brachytherapy on Vaginal Cancer

Expert Panel Member reviewing guidelines and preparing reports submitted for peer-reviewed journal publication on: Intracavitary Brachytherapy Post-Op on Endometrial Cancer.

Expert Panel Member reviewing guidelines and preparing reports submitted for peer-reviewed journal publication on: Interstitial Brachytherapy of Cervical cancer.

Chief Reviewer of Abstracts for the 2011 ABS Annual Meeting, General Session.

Moderator, 2011 ABS Annual Meeting, General Session.

Director of the ABS Fellows Program (Nucletron supported)
2. **American College of Radiology (ACR)**
Contributor, Committee Member reviewing revisions on ACR Guidelines and Standards on HDR Brachytherapy, LDR Brachytherapy, Prostate Cancer Brachytherapy.
3. **American Society for Therapeutic Radiology & Oncology (ASTRO)**
Expert Panel Member, writing publications for ASTRO on Nuclear Regulatory Commission (NRC) related to permanency brachytherapy, misadministration, and definition of misadministration.
4. **American Board of Radiology (ABR)**
Member, Brachytherapy Focused Practice Advisory Committee
5. **Journal Review for Red Journal/International Journal of International Journal of Radiation Oncology*Biology*Physics**
6. **Journal Review for Green Journal**

7. Journal Review for International Journal of Brachytherapy
8. Journal Review for Radiotherapy and Oncology
9. Journal Review for Journal of Urology
10. Journal Review for European Journal of Urology
11. Journal Review for American Journal of Clinical Oncology (AJCO)
12. Technical White Paper: Guidance for State Programs that Regulate the New Therapy Modality Electronic Brachytherapy. *Conference of Radiation Control Program Director, Inc. Publication.* (Submitted).
13. Board Member; UCLA Ambulatory Care Committee (2013-2014)
14. Clinical Advisory Committee for Medicare (CAC- Advisor) 2000-present

Personal Interests

Recreational Tennis – USTA League player
Cactus and Succulents
Classical Music
Art - California Impressionism

Bibliography and Publications

A. JOURNAL ARTICLES (Peer-Reviewed)

1. Reza, MD, **Demanes, D. J.**, “Bechet's Disease: A Case with Hemoptysis, Pseudotumor Cerebri and Arteritis.” *J of Rheumatology* 1978;v5p
2. **Demanes, D. J.** et al. “Bone Involvement in Hairy Cell Leukemia.” *Cancer* 1982;49:1967-1701.
3. **Demanes, D. J.**, Friedman, MD, McKerrow J. J., Hoffman P., “Hormone Receptors in Hepatoblastoma: A Demonstration of Both Progesterone and Estrogen Receptors.” *Cancer* 1982;50:1829-1932.
4. Friedman, MD, **Demanes, D. J.**, Hoffman P. Hepatoma, “Hormone Receptors and Therapy.” *Am J Med* 1982;73:363-366.
5. **Demanes, D. J.**, Rodriguez, R. R., Syed, N., et al. “Wire in Leader Technique: A Method for Loading Implant Catheters in Inaccessible Sites.” *Journal of Brachytherapy International* 1997;13;371-378.
6. Rodriguez, R. R., **Demanes, D. J.**, Altieri, G. A. “High Dose Rate Brachytherapy in the Treatment of Prostate Cancer.” *Hematology and Oncology Clinics of North America* 1999; 13(3):503-523.
7. **Demanes, D. J.**, Rege, S., Rodriguez, R. R., Schutz, K., Altieri, G. A., Wong, T. “The Use and Advantages of a Multi-channel Vaginal Cylinder in High Dose Rate Brachytherapy.”

8. **Demanes, D. J.**, Rodriguez, R. R., Bendre, D. D., Ewing, T. L. “High Dose Rate Transperineal Interstitial Brachytherapy for Cervical Cancer: High Pelvic Control and Low Complication Rates.” *International Journal of Radiation Oncology Biology Physics* 1999; 45(1):105-112.
9. **Demanes, D. J.**, Schutz, K., Quakenbush, J. J., Ewing, T., Rodriguez, R. R. ‘Low Dose Rate Brachytherapy in Vaginal Carcinoma: Long-term Outcome and Morbidity.’ *Journal of Brachytherapy International* 2000;16:11-24.
10. Nag, S., Erickson, B., Thomadsen, B., Orton, C., **Demanes, D. J.**, Petereit, D. “The American Brachytherapy Society Recommendations for High-Dose-Rate Brachytherapy for Carcinoma for the Cervix.” *International Journal of Radiation Oncology Biology Physics* 2000;48(1): 201-211.
11. **Demanes, D. J.**, Rodriguez, R. R., Altieri, G. A. “High dose rate prostate brachytherapy: the California Endocurietherapy (CET) Method.” *Radiotherapy & Oncology* 2000; 57:289-296.
12. **Demanes, D. J.**, Samaranayake, R. P., Cmelak, A., Cruz, R., Rodriguez, R. R. “Brachytherapy and External Radiation for Carcinoma of the Base of Tongue: Implantation of the Primary Tumor and Cervical Adenopathy.” *International Journal of Brachytherapy* 2000;16:211-223.
13. Nag, S., Cano, E. R., **Demanes, D. J.**, Puthawala, A., Vikram, B. “The American Brachytherapy Society Recommendations for High Dose Rate Brachytherapy for Head and Neck Carcinoma.” *International Journal of Radiation Oncology Biology Physics* 2001; 50(5):1190-1198.
14. Devlin, P., **Demanes, D. J.** et al "An Internet-Ready Database For Prospective Randomized Clinical Trials Of High-Dose-Rate Brachytherapy For Adenocarcinoma of the Prostate" *International Journal of Radiation Oncology Biology Physics* 2002;53(1):104-115.
15. **Demanes, D. J.**, Rodriguez, R., Schour, L., et al. “High-Dose-Rate Intensity-Modulated Brachytherapy with External Beam Radiotherapy for Prostate Cancer: California Endocurietherapy’s 10-Year Results.” *International Journal of Radiation Oncology Biology Physics* 2005;61(5):1306-1316.
16. Martinez, A. A., **Demanes, D. J.**, Galalae, R., et al. “Lack of benefit from a short course of androgen deprivation for unfavorable prostate cancer patients treated with an accelerated hypofractionated regime.” *International Journal of Radiation Oncology Biology Physics* 2005; 62(5):1322-1331.
17. Vargas, C. E., Galalae, R., **Demanes, D. J.**, et al. “Lack of benefit of pelvic radiation in prostate cancer patient cancer patients with a high risk of positive pelvic lymph nodes treated with high-dose radiation.” *International Journal of Radiation Oncology Biology Physics* 2005;63(5) :1474-1482.
18. Vargas, C. E., Martinez, A. A., Galalae, R., **Demanes, D. J.**, et al. High-dose radiation employing external beam radiotherapy and high-dose rate brachytherapy with and without neoadjuvant androgen deprivation for prostate cancer patients with intermediate- and high-risk features.” *Prostate Cancer Prostatic Dis.* 2006;9(3):245-253.
19. Vargas, C. E., **Demanes, D. J.**, Boike, T. P., et al. “Matched-pair analysis of prostate cancer patients with a high risk of positive pelvic lymph nodes treated with and without pelvic RT and high-dose radiation using high dose rate brachytherapy.” *American Journal of Clinical Oncology* 2006; 29 (5):451-457.

20. D'Ambrosio, D. J., Pollack, A., Harris, EER, Price, R.A., Verhey, L. J., Roach, M., **Demanes, D. J.**, et al. "Assessment of External Beam Radiation Technology for Dose Escalation and Normal Tissue Protection in the Treatment of Prostate Cancer." *International Journal of Radiation Oncology Biology Physics* 2008;70(3):671-677.
21. **Demanes, D. J.**, Brandt, D., Schour, L., Hill, D. R. "Excellent Results from High Dose Rate Brachytherapy and External Beam for Prostate Cancer are not improved by Androgen Deprivation." *American Journal of Clinical Oncology* 2009;32(2):342-347.
22. Martinez, A. A., **Demanes, D.J.**, Vargas, C., Schour, L., Ghilezan, M., Gustafson, G. S. "High-Dose-Rate Prostate Brachytherapy An Excellent Accelerated-Hypofractionated Treatment for Favorable Prostate Cancer." *Am J Clin Oncol-Canc* 2010 Oct;33(5):481-8.
23. Erickson, B. A., **Demanes, D. J.**, Ibbott, G. S., et al. "American Society for Radiation Oncology (ASTRO) and American College of Radiology (ACR) practice guideline for the performance of high-dose-rate brachytherapy." *Int J Radiat Oncol Biol Phys* 2011;79(3):641-649.
24. **Demanes, D. J.**, et al. "High Dose Rate (HDR) Monotherapy: Safe and Effective Brachytherapy for Patients with Localized Prostate Cancer." *International Journal of Radiation Oncology Biology Physics* 2011;81(5):1286-1292.
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D. MEETING PROCEEDINGS, ABSTRACTS AND POSTERS

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D. PUBLIC SERVICE

1. UCLA Community Outreach: “The Art of Brachytherapy Radiation” Presentation, Santa Monica, CA. November 2010
2. H&N Cancer Lecture to the H&N Cancer Support Group, UCLA Radiation Oncology. Dec 2010.
3. UCLA Community Outreach Newsletter: High-Dose-Rate Brachytherapy Gets Patients Back to Normal Living More Quickly. Vital Signs. Fall Issue 2010.

E. BOOK CHAPTERS

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