



PROFESSIONAL EXPERIENCE

Clinical Assistant Professor	Florida State University	(May 2011-Present)
Medical Director	Lakewood Ranch Oncology Center	(March 2010-Present)
Medical Director Director of Research	Prostate Cancer Treatment Center Prostate Cancer Treatment Center	(July 2009-August 2010)
Clinical Research Director	Seattle Prostate Institute	(2008-2009)
Director	Seattle Prostate Institute	(2006-2008)
Director	Education/Training Seattle Prostate Institute	(1997-2006)
Chairman Radiation Safety	Steven Hospital	
Board of Directors	Hospice and Homecare Snohomish County	(1996-1998)
Cofounder	Seattle Prostate Institute	(1997)
Radiation Oncologist	Swedish Cancer Institute, Seattle, WA	(1988-2009)
Director	Puget Sound Tumor Institute	(1991-2002)
Chief Medical Officer	ProQura	(2000-2010)
Employee/Partner	Tumor Institute Radiation Oncology Group	(1989-2009)

EDUCATION

Undergraduate:	1975-80 UCSB, Santa Barbara, CA, (B.A. Biological Sciences)
Medical School:	1980-84 UCLA, Los Angeles, CA
Internship:	1984-85 USC, Huntington Memorial Hospital, (Internal Medicine)
Residency:	1985-88 UCLA Department of Radiation Oncology 1987-88 Chief Resident





HONORS AND AWARDS

1987-88 / American Cancer Society Fellowship

PROFESSIONAL SOCIETIES

1985 American Medical Association

1987 American Society of Therapeutic Radiology & Oncology

1988 Southwest Oncology Group

1988 National Cancer Institute

1988 Washington State Medical Association

1988 King County Medical Society

1988 American College of Radiology

1991 American College of Radiation Oncology

2004 American Brachytherapy Society

2010 Florida Medical Association

LICENSES / CERTIFICATIONS

Licenses: State of Washington, Florida, and California Physician and Surgeons

Board Status: Board Certified – American College of Radiology, May 1988

American Board of Radiology - Radiation Oncology, 1988

American Red Cross Life Guard Certification: Re-Certified 2004, 2006, 2009

Publications

Reviewer for Brachytherapy, ASTRO's Main Medical Journal

Reviewer for European Urology

Reviewer for International Journal of Radiation Oncology Biology and Physics

Member of the task force that wrote the American Brachytherapy Society

Official International Prostate Brachytherapy Guidelines





RESEARCH PROTOCOLS

1. Dosimetric and morbidity outcomes of Cs-131 brachytherapy in combination with external beam radiation therapy in subjects with intermediate to high risk adenocarcinoma of the prostate: An observational study.
Principal Investigator. (Closed)
2. Pd-103 dose de-escalation for early stage prostate cancer: A prospective randomized trial.
Principal Seattle Investigator. (Closed)
3. Randomized trial of RAPIDStrand versus ThinStrand, dosimetric and quality of life outcomes.
Principal investigator. (Currently Open)
4. Implant and external radiation for prostate cancer with or without hormonal therapy: A prospective randomized trial.
Principal Investigator. (Closed)
5. Cystoscopy techniques in prostate brachytherapy: Effects on urinary function.
Principal Investigator. (Completed)
6. Permanent prostate brachytherapy using Cs-131 for localized prostatic carcinoma: A phase II study.
Principal Investigator. (Completed)
7. Interstitial adenovirus therapy for locally recurrent adenocarcinoma of the prostate following external beam radiation therapy. Principal Seattle investigator. (Completed)
8. Concurrent hyperfractionated radiation therapy with weekly chemotherapy for advanced carcinoma of the head and neck.
Principal investigator. (Completed)

MEDIA INTERVIEWS (regarding prostate cancer)

1. Good Morning America (ABC) 1997
2. Melbourne Australia Local TV 1998
3. Duluth, Minnesota TV 2003
4. KONG, KING, KIRO, KOMO TV January 2007
5. Brazil TV 2007
6. American Public Radio 2007
7. Newspapers: Edmonds, Los Angeles, Minnesota, Seattle (US); Auckland (NZ), Freiberg (DE), London (UK), Melbourne (AU)





SELECTED PRESENTATIONS

1. American Society for Therapeutic Radiation and Oncology, 42nd Annual Meeting, Boston, MA, October 2000.
2. 125-Iodine/103-Palladium Brachytherapy With or Without Neoadjuvant Androgen Ablation for Early Stage Prostate Cancer. ASTRO Conference Boston, MA. 10/00.
3. The Role of Androgen Ablation in Patients With Biochemical Failure Following External Beam Radiation. 1st Annual International Conference on Androgen Deprivation Therapy in Management of Prostate Cancer Sarasota FL. 11/00.
4. The Role of Androgen Ablation Combined With Radiation Therapy or Surgery in Early Stage Prostate Cancer. Grand Rounds. Stevens Hospital. Edmonds, WA. 2/22/01.
5. The Role of Radiation Therapy in Prostate Cancer. Benefits Healthcare Cancer Care 2001. Great Falls, MT 4/5/01.
6. Results & Comparisons: Management of Biochemical Failures. 4th Annual Advanced Prostate Brachytherapy Conference. Seattle, WA. 4/20/01.
7. Role of Androgen Ablation in Permanent Seed Implantation for the Treatment of Early Stage Prostate Cancer, 4th Annual Advanced Prostate Brachytherapy Conference. Seattle, WA. 4/21/01.
8. Ten-Year Biochemical Relapse-Free Survival Following Brachytherapy + External Beam Radiotherapy for Patients with Localized Prostate Cancer: The Seattle Experience, Dutch Urologic Association, Amsterdam, The Netherlands, October 2001.
9. Brachytherapy in the Treatment of Prostate Cancer, 4th Annual Stockton Cancer Care Symposium, Stockton, CA, 2/23/02.
10. Recent Advances in Radiation Therapy in the Treatment of Prostate Cancer, International Center for Post-Graduate Medical Education, Atlanta, GA, 6/7/02.
11. Recent Advances in Radiation Therapy in the Treatment of Prostate Cancer, International Center for Post-Graduate Medical Education, Houston, TX, 6/14/02.
12. Overview of Permanent Seed Implantation in the Treatment of Prostate Cancer, American Society for Therapeutic Radiation and Oncology, 43rd Annual Meeting, San Francisco, October 2001.
13. How to Avoid Jamming Rapid™ Strands, 5th Annual Advanced Prostate Brachytherapy Conference. Seattle, WA. 4/12/02.
14. Technique of Prostate Seed Implantation, 6th Annual Advanced Prostate Brachytherapy Conference. Seattle, WA. 4/12/02.
15. Recent Advances in the Management of Prostate Cancer: The Year in Review, International Center for Post-Graduate Medical Education, San Diego, CA, 10/19/02.
16. Ten-Year BRFs in Patients Treated with EBRT + I125/PD103 Seed Implantation for Early Stage Prostate Cancer, American Society for Therapeutic Radiation and Oncology, 44th Annual Meeting, New Orleans, October 2002.
17. DeWeese T, Arterbery E, Michalski J, Sylvester, JE, Terris M, Wilding G, Yu DC, Moore L, Kimball L, Ando D, and Kirn D: "A Phase I/II Dose Finding Trial of the Intraprostatic Injection of CG7870, a Prostate-Specific Antigen Cytolytic Adenovirus in Patients With Locally Recurrent Prostate Cancer Following Definitive Radiotherapy and/or Seed Brachytherapy", 11th International Conference Therapy of Cancer of Cancer. San Diego, CA. 12/12/02-12/14/02.
18. Monotherapy vs. Combined Implantation + EBRT for Early Stage Prostate Cancer, 8th Annual Scottsdale Prostate Cancer Symposium, Scottsdale, AZ, 2/28/03.





19. Technical Innovation in the Seattle Preplan Technique, 8th Annual Scottsdale Prostate Cancer Symposium, Scottsdale, AZ, 2/28/03.
20. Permanent Prostate Brachytherapy, Australian Brachytherapy Society, Melbourne, Australia, 4/5/03.
21. Temporary Prostate Brachytherapy, Australian Brachytherapy Society, Melbourne, Australia, 4/5/03.
22. Permanent Prostate Brachytherapy, British Association of Urologic Surgeons Annual Meeting, Manchester, England, 6/26/03.
23. Monotherapy vs. Combined Implantation + EBRT for Early Stage Prostate Cancer, 3rd Annual International Prostate Cancer Congress, Bermuda, 7/19/2003.
24. Prostate Cancer Monotherapy with Permanent Seed Implantation, 8th Annual International Prostate Cancer Conference, Harvard University, July 2003.
25. 15 year Biochemical Relapse-Free Survival Following External Beam Radiation Therapy and Brachytherapy Boost. American Brachytherapy Society Annual Meeting, Barcelona, May 2004.
26. 15 year Biochemical Relapse-Free survival following External Beam Radiation Therapy and Brachytherapy Boost. American Society of Clinical Oncology; New Orleans, June 2004.
27. Urologic Society of Australasia, Annual Meeting, Melbourne. Keynote Speaker, Feb 2005.
28. Brachytherapy: The Gold Standard for Prostate Cancer Treatment in the Twenty-first Century (Debate). World Congress of Endourology, Amsterdam August 2005.
29. Combination EBRT plus Brachytherapy in Prostate cancer. 12th Annual Prostate Cancer Meeting Scottsdale AZ, February 2007
30. Prostate Brachytherapy Techniques. American Brachytherapy Society 28th Annual Meeting, Chicago, IL, April/May 2007.
31. Influence of Pro-Qura-Generated Plans on Postimplant Dosimetric Quality: A Review of a Multi-Institutional Database. 2008 World Congress of Brachytherapy Annual Meeting, Boston, MA, May, 2008.
32. Secondary Malignancies following radiation therapy for prostate cancer. 14th Annual Prostate Cancer Meeting Scottsdale AZ, March 2009
33. IMRT approaches to Prostate Cancer. 14th Annual Prostate Cancer Meeting Scottsdale AZ, March 2009
34. Prostate Brachytherapy outcomes. Keynote speaker. Annual Urologic Symposium Freiburg, Germany, May 2009
35. Randomized Trial Comparing Intra-operative Flexible, Rigid and no Cystoscopy After Prostate Brachytherapy. American Brachytherapy Society 28th Annual Meeting, Toronto, CA, May/June 2009.
36. Prostate brachytherapy biochemical relapse free survival outcomes in intermediate risk prostate cancer patients. American Brachytherapy Society 28th Annual Meeting, Toronto, CA, May/June 2009.
37. One to 3 lectures, every year, at Seattle Prostate Institute's Annual Advanced Prostate Brachytherapy Conference from 1997 through 2009
38. Moderator American Brachytherapy Society Prostate Cancer Section. Toronto, May 2010
39. Debate ABS 2011 meeting, Varian Real-Time versus Preplanned Approach to Prostate Brachytherapy. San Diego, CA. 4/14/11



BIBLIOGRAPHY

1. **Sylvester JE**, "Irradiation Can Stop the Growth of Heterotopic Bone", *Radiology Today* 4(3): 1 & 3, March 1987.
2. **Sylvester JE**, Greenberg P, Selch M, Thomas B, Amstutz HC: "The Use of Postoperative Irradiation for the Prevention of Heterotopic Bone Formation After Total Hip Replacement", *Int J Rad Onc Biol Phys*, 14(3): 471-476, 1988.
3. Ragde H, Blasko J.C., Schumacher D, Grimm P.D., Cunningham D.L., **Sylvester J**, Mate T.P., "Use of Transrectal Ultrasound in Transperineal Iodine 125 Seeding for Prostate Cancer: Methodology." *J. Endourol.* 3:209; 1989.
4. **Sylvester JE**: "Technical Considerations in the Use of Prophylactic Radiation Therapy to Prevent Heterotopic Bone Formation", *Seminars in Arthroplasty*, 3(3): 167-171, July 1992.
5. Grimm, PD; Blasko, JC; Ragde, HR; **Sylvester JE**; Mate, T: "Migration of Iodine-125 and Palladium-103 Seeds to the Lung After Transperineal Brachytherapy for Prostate Cancer." *Endocurie/Hyperthermia, Oncol.* 9:50;1993.
6. Blasko J, Ragde H, Cavanagh W, **Sylvester J**, Grimm P: "Long-term Outcomes of External Beam Irradiation and 1-125/Pd-103 Brachytherapy Boost for Prostate Cancer" *Int J Rad Onc Biol Phys*, vol 36, number 1,suppl. 1996.
7. Grimm P, Blasko J, Ragde H, **Sylvester J**, Clarke D: "Does Brachytherapy Have a Role in Treatment of Prostate Cancer?", *Hematology/Oncology Clinics of North America*, Vol.10(3):653-673, June 1996.
8. Blasko J, Ragde H, Luse R, **Sylvester J**, Cavanagh W, Grimm P: "Should Brachytherapy be Considered a Therapeutic Option in Localized Prostate Cancer?" *The Urologic Clinics of North America*, Vol. 23(4): 633-650, November 1996.
9. Ragde H, Blasko J, Grimm P, Kenny G, **Sylvester J**, Hoak D, Landin K, Cavanagh W: "Interstitial Iodine-125 Radiation Without Adjuvant Therapy for Clinically Localized Prostate Cancer", *Cancer.* 80(3):442-53, 1997 Aug. 1.
10. Blasko JC, Ragde H, Grimm PD, **Sylvester JE**, Cavanagh W: "Potential for Neoadjuvant Hormonal Therapy with Brachytherapy for Prostate Cancer", *Molecular Urology.* Vol.1 Numbers 2/3,1997.
11. **Sylvester JE**, Blasko J, Grimm P, Ragde H: "Interstitial Implantation Techniques in Prostate Cancer", *Journal of Surgical Oncology* 1997; 66:65-75.
12. Mettlin, CJ, Murphy, GP, **Sylvester, J**, McKee, RF, Morrow M, Winchester DP, Results of hospital registry surveys by the American College of Surgeons: outcomes of prostate cancer treatment by radical prostatectomy", *Cancer*, Nov.1997, 80:1875-81.
13. Ragde H, Blasko JC, Grimm PD, Kenny GM, **Sylvester J**, et al.: "Brachytherapy for clinically localized prostate cancer: results at 7- and 8- years follow-up", *Seminars in Surgical Oncology.* 13(60): 438-43, Nov-Dec 1997.
14. Grimm P, Blasko J, Ragde H, **Sylvester J**, Cavanagh W: "Transperineal Ultrasound Guided 125 I, 103 Pd Brachytherapy in the Management of Localized Prostate Cancer: Update of the Clinical Experience at Eight Years", for submission to *Int J Rad Onc Biol Phys*, March 1998.
15. **Sylvester JE**, Grimm PD, Blasko JC, et al.: "Urethral Visualization During Transrectal Ultrasound Guided Interstitial Implantation for Early Stage Prostate Cancer." Submitted to *Radiology* 1998, abstract RSNA Dec 1998 presentation.
16. Tapen E, Blasko J, Grimm P, Haakon R, Luse R, Clifford S, **Sylvester J**, Griffin T. "Reduction of Radioactive Seed Embolization to the Lung Following Prostate Brachytherapy". *International Journal of Radiation Oncology, Biology and Physics*, Vol 42 No.5 pp. 1063-1067 1998.





17. **Sylvester JE**, Blasko JC, Grimm PD, et al: "Neoadjuvant Androgen Ablation combined with External Beam Radiation Therapy and Brachytherapy in early stage Prostate Cancer" *Molecular Urology*. Vol. 3 No. 3 pp. 231-238 1999.
18. **Sylvester JE**, Grimm PD, Blasko JC : Brachytherapy as Monotherapy, Textbook "Prostate Cancer" Lippincott Williams and Wilkins. For publication in the fall of 1999.
19. Blasko JC, Grimm PD, **Sylvester JE**, Badiozamani KR, Hoak D, Cavanagh W. "Palladium-103 Brachytherapy for Prostate Cancer" *Int. J Radiation Oncology Biol. Phys.*, Vol. 46, No 4, pp. 839-850, 2000.
20. **Sylvester JE**, Blasko JC, Grimm PD, Meier R, Cavanagh W. "Short Course Androgen Ablation Combined with External Beam Radiation Therapy and Low Dose Rate Permanent Brachytherapy in Early Stage Prostate Cancer: A Matched Subset Analysis", *Molecular Urology*, 2000 Fall;4(3):155-9; Discussion 161.
21. Cavanagh W, Blasko JC, Grimm PD, **Sylvester JE**. "Transient Elevation of Serum Prostate- Specific Antigen Following 125I/103Pd Brachytherapy for Localized Prostate Cancer" *Seminars in Urologic Oncology*, Vol. 18, No 2, pp. 160-165, May 2000.
22. Blasko JC, Grimm PD, **Sylvester JE**, Cavanagh W. "The Role of External Beam Radiotherapy With I-125/Pd-103 Brachytherapy for Prostate Carcinoma" *Radiotherapy & Oncology*, Vol. 57, pp. 273-278, December 2000.
23. **Sylvester JE**, Grimm PD, Blasko JC, Meier R, Grier D, Heaney C, Cavanagh W. "Urethral Visualization During Transperineal Interstitial Brachytherapy for Early Stage Prostate Cancer" *Journal of Brachytherapy International*, Vol. 16, pp. 145-150, April-June 2000.
24. **Sylvester JE**, Grimm PD, Blasko JC, Meier R, Spiegel J, Heaney C, Cavanagh W. "The Role of Androgen Ablation in Patients With Biochemical or Local Failure After Definitive Radiation Therapy: A Survey of Practice Patterns of Urologists and Radiation Oncologists in the United States", *Molecular Urology*, Vol. 58, No. 2A, pp. 71-77, August 2001.
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26. Grimm PG, Blasko JC, **Sylvester JE**, Meier RM, Cavanagh W. "10-Year Biochemical (Prostate-Specific Antigen) Control of Prostate Cancer With 125I Brachytherapy", *International Journal of Radiation Oncology Biology*, Vol. 51, No. 1, pp. 31-40, 2001.
27. Grimm PD, Blasko JE, **Sylvester JE**. "Clinical Selection Issues for Permanent Seed Prostate Brachytherapy" *J. of Brachytherapy International*, Vol. 16, No. 3, pp. 143-152, July-September 2001.
28. **Sylvester JE**, Blasko JE, Grimm b, Meier R, Heaney C, Cavanagh W. "Impact of Short-Course Androgen Ablation on the Biochemical Progression-Free Survival of High-Risk Prostate Cancer Patients Managed With Permanent Brachytherapy" *J. of Brachytherapy International*, Vol. 16, No. 2, pp. 173-180, July-September 2001.
29. **Sylvester JE**, Blasko JC, Grimm PD, Meier R. "Transperineal Permanent Brachytherapy for Local Recurrence Following External Beam Radiation for Early Stage Prostate Cancer," *J. of Brachytherapy International*, Vol. 16, No. 2, pp. 181-188, July-September 2001.
30. **Sylvester JE**, Blasko JC, Grimm PD. "Brachytherapy as Monotherapy, In Prostate Cancer Principles & Practice," Koss, Isaacs & Scher (eds.), Lippincott, Williams & Wilkins, Philadelphia, PA, pp. 336-357, 2002.
31. Blasko JC, Mate T, **Sylvester JE**, Grimm PD, Cavanagh W. "Brachytherapy for Carcinoma of the Prostate: Techniques, Patient Selection, and Clinical Outcomes," *Seminars in Radiation Oncology*, Vol. 12, No 1, pp. 81-94, January 2002.



32. **Sylvester JE**, Blasko JC, Grimm PD, et al. "Ten-Year Biochemical Relapse-Free Survival Following External Beam Radiation and Brachytherapy for Localized Prostate Cancer: The Seattle Experience," *International Journal of Radiation Oncology Biology Physics*, 2003; 57:4:944-952.
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34. **Sylvester J**, Blasko J., Grimm P., "Transrectal Ultrasound-Guided Prostate Brachytherapy," in *Image-Guided Diagnosis and Treatment of Cancer* (D'Amico A, Loeffler J., Harris J. eds), Totowa, Humana Press, 2003, pp. 119-154.
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37. Grimm PD, Blasko JC, **Sylvester JE**, et al. "Technical Improvement in Permanent Seed Implantation: A Two Stage Brachytherapy System. Description and Comparison With Current Technique," *Brachytherapy*, Vol. 3, No1, pp. 34-40, May 2004.
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41. **Sylvester JE**, Grimm PD, Malmgren JA: "Fifteen Year Biochemical Relapse Free Survival Outcomes of Patients With Localized Prostate Cancer Treated With Brachytherapy", *British Journal of Urology International* abstract, February 2005.
42. **Sylvester JE**; *The Seattle Prostate Institute Approach to Treatment Planning for Permanent Implants*; In Dicker AP et al (ed), *Basic and Advanced Techniques in Prostate Brachytherapy*, Martin Dunitz Taylor & Francis Group, Independence, KY, 2005.
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46. **Sylvester JE**, Grimm PG, Blasko JC, Millar J, Orzio III PE, Skoglund S, Galbreath RW, Merrick G, "15-Year Biochemical Relapse Free Survival in Clinical Stage T1-T3 Prostate Cancer Following Combined External Beam Radiotherapy and Brachytherapy; Seattle Experience," *International Journal of Radiation Oncology Biology Physics* 2007;67:1:57-64.
47. Merrick GS, Grimm PD, **Sylvester J**, Blasko JC, et al. "Initial analysis of Pro-Qura: A multi-institutional database of prostate brachytherapy dosimetry," *Brachytherapy* 2007; 6(1):9-15.



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49. **John Sylvester**, Tricia Zeller, Chris J. Hennessy, Steve Eulau, Peter Grimm. Overview of the Calypso® 4D Localization System™; American College of Radiation Oncology Practice Management Guide, American College of Radiation Oncology, Bethesda, MD 2008.
50. **John Sylvester**, Gregory S. Merrick, Peter Grimm, et al: "Influence of Pro-Qura Feedback on Rectal Dosimetry Following Permanent Prostate Brachytherapy," 2008 World Congress of Brachytherapy, May 3-6, 2008. *Brachytherapy*, Vol. 7, No. 2, pp. 121, April-June 2008.
51. Allen Z, Merrick GS, Grimm P, Blasko J, **Sylvester J**, Butler W, Chaudry UU, Sitter M. "Influence of Pro-Qura-Generated Plans on Postimplant Dosimetric Quality: A Review of a Multi-Institutional Database," *Medical Dosimetry*, 2008 Autumn; 33(3):206-14.
52. **John Sylvester**, Gregory S. Merrick, Peter Grimm, et al: "Influence of Pro-Qura Feedback on Rectal Dosimetry Following Permanent Prostate Brachytherapy," 2008 World Congress of Brachytherapy, May 3-6, 2008. *Brachytherapy abstract*, Vol. 7, No. 2, pp. 121, April-June 2008.
53. Jesse N. Aronowitz, Juanita M. Crook, Jeff M. Michalski, **John E. Sylvester**, Gregory S. Merrick, Christie Mawson, David Pratt, Devi Naidoo, Wayne M. Butler, Kathryn Karolczuk. "Inter-institutional variation of implant activity for permanent prostate brachytherapy," *Brachytherapy* 2008;7:297-300.
54. C. Louiselle, G.S. Merrick, **J. Sylvester**, P. Grimm, S. Eulau, M. Waheed, Z.A. Allen, W.M. Butler. "Analysis of the Pro-Qura Database: Implant Quality, Brachytherapist Experience and Rectal Dose Parameters," ASTRO 50th Annual Meeting abstract, Boston, MA, September 21-25, 2008. *International Journal of Radiation Oncology Biology Physics*; 72: (1): S326.
55. **John Sylvester**, Peter D. Grimm, Stephen M. Eulua, Robert K. Takamiya, Devi Naidoo. "Permanent Prostate Brachytherapy Preplanned technique: The modern Seattle Method Step by Step and Dosimetric Outcomes," 2008 World Congress of Brachytherapy, May 3-6, 2008. *Brachytherapy*, Vol. 7, No. 2, April-June 2008.
56. Tward JD, **Sylvester JE**, Grimm PD, Schriever DC "The Risk of Second Primary malignancies Following Brachytherapy Monotherapy, External Beam Plus Brachytherapy, or Radical Prostatectomy for Prostate Cancer" *International Journal of Radiation Oncology Biology Physics*;2008, 72: (1):S208
57. Orio PF 3rd, Merrick GS, Grimm P, Blasko J, **Sylvester J**, Allen ZA, Butler WM, Chaudhry UU. "Effects of the time interval between prostate brachytherapy and postimplant dosimetric evaluation in community practice: analysis of Pro-Qura database," *Am J Clin Oncology* 2008 Dec 31(6):523-31.
58. Loiselle CR, Waheed M, **Sylvester J**, et al. "Analysis of the Pro-Qura Database: rectal dose, implant quality and brachytherapist's experience," *Brachytherapy* 2009 Jan-Mar; 8(1):34-9.
59. **Sylvester JE**, Grimm PD, Eulau SM, et al. "Permanent prostate brachytherapy preplanned technique: The modern Seattle method step-by-step and dosimetric outcomes," *Brachytherapy* 2009 Apr-Jun;8(2):197-206.



60. Gregory S. Merrick, Zachariah A. Allen, **John E. Sylvester**. "Post-implant rectal dosimetry is not dependent on Pd103 or I125 seed activity," Brachytherapy abstract, Vol. 8, No. 2, pp. 125, May 30-June 2, 2009.
61. **John E. Sylvester**, Jason Wong, Erik Torgerson, et al. "Randomized trial comparing intra-operative flexible, rigid and no cystoscopy after prostate brachytherapy," Brachytherapy abstract, Vol. 8, No. 2, pp. 168, May 30-June 2, 2009.
62. **John E. Sylvester**, Peter D. Grimm, Jason Wong, et al. "Prostate brachytherapy biochemical relapse free survival outcomes in intermediate risk prostate cancer patients," Brachytherapy abstract, Vol. 8, No. 2, pp. 140, May 30-June 2, 2009.
63. **John E. Sylvester** M.D., Peter D. Grimm D.O., Jason Wong M.D., et al. "15 year Biochemical Relapse-Free Survival following I125 Prostate Brachytherapy in Clinically Localized Prostate Cancer: Seattle Experience," accepted for publication and presentation at the 51st American Society for Radiation Oncology Annual Meeting, abstract, Chicago, IL, November 1-5, 2009.
64. Jason Wong M.D., **John E. Sylvester** M.D., Peter D. Grimm D.O., et al. "First report on the use of a thinner I125 radioactive seed that fits into 20 gauge needles for permanent seed prostate brachytherapy: A report on post-implant dosimetry and acute toxicity," accepted for publication and presentation at the Canadian Association of Radiation Oncologists Annual Meeting, abstract, Toronto, CA, November, 2009.
65. Jason Wong M.D., **John E. Sylvester** M.D., Peter D. Grimm D.O., et al. "First report on the use of a thinner I125 radioactive seed that fits into 20 gauge needles for permanent seed prostate brachytherapy: A report on post-implant dosimetry and acute toxicity," accepted for publication and presentation at the 51st American Society for Radiation Oncology Annual Meeting, abstract, Chicago, IL, November 1-5, 2009.
66. Quigley, Martin, Timothy P.Mate, and John E. Sylvester. "Prostate Tumor Alignment and Continuous, Real-Time Adaptive Radiation Therapy using Electromagnetic Fiducials: Clinical and Cost-Utility Analyses" Urologic Oncology. 2009 Sept 27 (5): 473-482. PMID: 18625565 [PubMed - indexed for MEDLINE]
67. **John E. Sylvester**, Peter Grimm "Interventional Techniques in Uro-Oncology" editors Mani Arya, Mark Emberton, Peter Scardino and Hashim Uddin Ahmed Chapter 2 Brachytherapy for Prostate Cancer Wiley- Blackwell 9600 Garsington Road Oxford OX4 6DQ, UK (in press).
68. Steven J. Frank, MD1, Lawrence B. Levy1, MS, Marco van Vulpen, MD PhD3, Juanita Crook, MD4, **John Sylvester**, MD5, Peter Grimm, DO6, and David A. Swanson, MD2 Outcomes Following Prostate Brachytherapy Are Even Better Than Predicted. Int J Radiat Oncol Biol Phys, 10;2010 abstract
69. Gregory Merrick, **John Sylvester**, Peter Grimm, et al. Postimplant rectal dosimetry is not dependant on 103Pd or 125I seed activity; Brachytherapy 10(2011)35-43
70. Aronowitz JN, Michalski JM, Merrick GS, **Sylvester JE**, Crook JM, Butler WM, Mawson C, Pratt D, Naidoo D, Karolczuk K. Optimal equations for describing the relationship between prostate volume, number of sources, and total activity in permanent prostate brachytherapy. Am J Clin Oncol. 2010 Apr;33(2):164-7.
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PERSONAL INTERESTS/HOBBIES

I enjoy spending my spare time with my wife and 2 children. I also enjoy skiing, snowboarding, surfing, masters swimming, scuba diving, reading, and hiking. Sarasota Sharks Masters Swim Team & SSL Swim meet Stroke and Turn Judge.

