

## CURRICULUM VITAE

### JOHN EDWARD SYLVESTER, M.D.

Lakewood Ranch Oncology Center  
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#### CURRENT STATUS

Clinical Assistant Professor Florida State University, College of Medicine  
(May 2011-present)

Radiation Oncologist 21<sup>st</sup> Century Oncology Lakewood Ranch FL  
(March 2012-present)

Medical Director Lakewood Ranch Oncology Center  
(March 2010-March 2012)

Medical Director Prostate Cancer Treatment Center  
Director of Research Prostate Cancer Treatment Center  
(July 2009-August 2010)

Clinical Research Director Seattle Prostate Institute  
(6/2008-7/2009)

Medical Director Seattle Prostate Institute  
(1/2006-6/2008)

Director - Education/Training Seattle Prostate Institute  
(1/1997-1/2006)

1/2000-1/2004 Chairman Radiation Safety Steven Hospital

Board of Directors Hospice and Homecare Snohomish County  
6/1996-6/1998

Cofounder Seattle Prostate Institute  
1/1997

Radiation Oncologist Swedish Cancer Institute, Seattle, WA  
(July 1988-July 2009)

Director Puget Sound Tumor Institute  
(6/1991-6/2002)

Chief Medical Officer ProQura

(1/2000-6/2010)

Employee/Partner  
(7/1988-7/2009) Tumor Institute Radiation Oncology Group

### **EDUCATION**

Undergraduate : 9/1975-3/80 UCSB, Santa Barbara, CA, (B.A. Biological Sciences)  
Medical School: 9/1980-6/84 UCLA, Los Angeles, CA  
Internship: 6/1984-6/85 USC, Huntington Memorial Hospital, (Internal Medicine)  
Residency: 6/1985-6/88 UCLA Department of Radiation Oncology  
6/1987-6/88 Chief Resident

### **HONORS AND AWARDS**

6/1987-6/88 American Cancer Society Fellowship

### **PROFESSIONAL SOCIETIES**

1985 American Medical Association  
1987 American Society of Therapeutic Radiology & Oncology  
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 State Medical Society

### **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

## RESEARCH PROTOCOLS

1. Intensity Modulated Radiation Therapy followed by Cesium-131 Brachytherapy for Intermediate and High Risk Localized Prostate Cancer. *Co-Principal Investigator*. Opened 2011
2. SpaceOAR System Pivotal Study: Evaluation of SpaceOAR System when used to create space between the rectum and prostate in men undergoing image-guided-intensity modulated radiation therapy (IG-IMRT) for localized T1-T2 prostate cancer: A randomized, multicenter, parallel arm controlled clinical study. Lead gulf-coast investigator. Opened 2012
3. Pd-103 dose de-escalation for early stage prostate cancer: A prospective randomized trial. *Principal Seattle Investigator*. Closed.
4. Randomized trial of RAPIDStrand versus ThinStrand, dosimetric and quality of life outcomes. Principal investigator. Closed.
5. Implant and external radiation for prostate cancer with or without hormonal therapy: A prospective randomized trial. *Principal Investigator*. closed
6. Cystoscopy techniques in prostate brachytherapy: Effects on urinary function. *Sub-Investigator*. completed
7. Permanent prostate brachytherapy using Cs-131 for localized prostatic carcinoma: A phase II study. *Principal Investigator Seattle*. completed
8. Interstitial adenovirus therapy for locally recurrent adenocarcinoma of the prostate following external beam radiation therapy. *Principal Seattle investigator*. Completed
9. Concurrent hyperfractionated radiation therapy with weekly chemotherapy for advanced carcinoma of the head and neck. *Principal investigator*. Completed

## MEDIA INTERVIEWS/DEMONSTRATIONS (regarding prostate cancer)

- 1) Good Morning America (ABC) 1996
- 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 in Auckland NZ, Melbourne Australia, Minnesota, London, Seattle, Edmonds, Los Angeles, Freiberg Germany

## SELECTED PRESENTATIONS

1. American Society for Therapeutic Radiation and Oncology, 42<sup>nd</sup> 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. 1<sup>st</sup> 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. 4<sup>th</sup> 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, 4<sup>th</sup> 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, 4<sup>th</sup> 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, 43<sup>rd</sup> Annual Meeting, San Francisco, October 2001.
13. How to Avoid Jamming Rapid™ Strands, 5<sup>th</sup> Annual Advanced Prostate Brachytherapy Conference. Seattle, WA. 4/12/02.
14. Technique of Prostate Seed Implantation, 6<sup>th</sup> 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 + I<sup>125</sup>/PD<sup>103</sup> Seed Implantation for Early Stage Prostate Cancer, American Society for Therapeutic Radiation and Oncology, 44<sup>th</sup> 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", 11<sup>th</sup> 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, 8<sup>th</sup> Annual Scottsdale Prostate Cancer Symposium, Scottsdale, AZ, 2/28/03.
19. Technical Innovation in the Seattle Preplan Technique, 8<sup>th</sup> 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  $\pm$  EBRT for Early Stage Prostate Cancer, 3<sup>rd</sup> Annual International Prostate Cancer Congress, Bermuda, 7/19/2003.
24. Prostate Cancer Monotherapy with Permanent Seed Implantation, 8<sup>th</sup> 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. 12<sup>th</sup> Annual Prostate Cancer Meeting Scottsdale AZ, February 2007
30. Prostate Brachytherapy Techniques. American Brachytherapy Society 28<sup>th</sup> 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. 14<sup>th</sup> Annual Prostate Cancer Meeting Scottsdale AZ, March 2009
33. IMRT approaches to Prostate Cancer. 14<sup>th</sup> Annual Prostate Cancer Meeting Scottsdale AZ, March 2009
34. Prostate Brachytherapy Outcomes. Keynote speaker. Annual Urologic Symposium Freiburg, European Association Urology (EAU), Germany, May 2009
35. Randomized Trial Comparing Intra-operative Flexible, Rigid and no Cystoscopy After Prostate Brachytherapy. American Brachytherapy Society 28<sup>th</sup> Annual Meeting, Toronto, CA, May/June 2009.
36. Prostate brachytherapy biochemical relapse free survival outcomes in intermediate risk prostate cancer patients. American Brachytherapy Society 28<sup>th</sup> 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. 16<sup>th</sup> Annual Scottsdale Prostate Cancer Symposium March 2011
40. Debate American Brachytherapy Society 2011 meeting, Varian. Real-Time versus Preplanned Approach to Prostate Brachytherapy. San Diego, CA. 4/14/11
41. The Process of Quality Assurance in Prostate Brachytherapy "Outcomes of Combined EBRT + Seeds" MD Anderson Cancer Center/ American Brachytherapy Society. Dec 3, 2011
42. World Congress Brachytherapy/American Brachytherapy Society May 2012 Annual meeting Barcelona Spain. Moderator Oral Presentations Radiation Repair/Radiation Biology

## 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 b**, 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.
25. Carroll PR, Fair WR, Grossfeld GD, Heston WD, Lieberman R, Malkowicz SB, Stricker HJ, **Sylvester J**, Peehl DM, Meyer F, Hard C, "Overview consensus statement", Urol., 58:1-4.
26. Grimm PG, Blasko JC, **Sylvester JE**, Meier RM, Cavanagh W. "10-Year Biochemical (Prostate-Specific Antigen) Control of Prostate Cancer With <sup>125</sup>I 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 JC, Grimm PB, 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.
33. Han BH, Wallner K, Merrick G, Butler W, Sutlief S, **Sylvester J.** "Prostate Brachytherapy Seed Identification On Post-Implant TRUS Images," *Medical Physics*, 2003 May; 30(5):898-900.
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.
35. Grimm PG, Blasko JC, **Sylvester JE**, The Prostate Cancer Treatment Book. New York. McGraw Hill. 2004.
36. **Sylvester JE**. "Prostate Brachytherapy," *North American Pharmaco Therapy, Business Briefing*; pp. 51-53, Feb 2004.
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.
38. **Sylvester JE**, Blasko JC, Grimm PD, et al; "Fifteen Year Follow-up of the First Cohort of Localized Prostate Cancer Patients Treated With Brachytherapy," *Journal of Clinical Oncology*; 22:14S:4567, 2004.
39. Grimm PD, **Sylvester JE**, "Advances in Brachytherapy," *Reviews in Urology*; Vol. 6, Supp 4, pp. S37-S48, 2004.
40. **Sylvester JE**, Valicenti RK; Review of article "Hormonal Therapy Plus External-Beam Radiation and Brachytherapy for Prostate Cancer," *Oncology* Vol. 19, No 1, pp.36-39.
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.



43. **Sylvester JE**, Blasko JC, Grimm PD, et al; “Fifteen Year Outcomes of Prostate Cancer Patients Treated With Brachytherapy,” *BJU abstract* 2005.
44. Grimm PG, Merrick GS, Butler WM, Blasko JC, **Sylvester JE**, Allen ZA, Chaudhry U, Mazza A. “Preliminary Analysis of the Pro-Qura Multi-Institutional Prostate Brachytherapy Dosimetry Database,” *Brachytherapy abstract* Vol. 5, No 2, pp. 91, April-June 2006.
45. Liauw SL, **Sylvester JE**, Morris CG, Blasko JC, Grimm PD, “Second Malignancies After Prostate Brachytherapy: Incidence of Bladder and Colorectal Cancers in Patients with Fifteen Years of Potential Follow-up,” *International Journal of Radiation Oncology Biology Physics* 2006;66:3:669-673.
46. **Sylvester JE**, Grimm PG, Blasko JC, Millar J, Orio III PF, 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.
48. Steven J. Frank, Peter D. Grimm, **John E. Sylvester**, Gregory S. Merrick, Brian J. Davis, Anthony Zeitman, Brian J. Moran, David C. Beyer, Mack Roach III, Daniel H. Clarke, Richard G. Stock, W. Robert Lee, Jeff M. Michalski, Kent E. Wallner, Mark Hurwitz, Louis Potters, Deborah A. Kuban, Bradley R. Prestidge, Robyn Vera, Shannon Hathaway, John C. Blasko. “Interstitial implant alone or in combination with external beam radiation therapy for intermediate-risk prostate cancer: A survey of practice patterns in the United States,” *Brachytherapy* 2007; 6(1):2-8.
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 50<sup>th</sup> 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. Eulau, 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 3<sup>rd</sup>, 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 I<sup>125</sup> Prostate Brachytherapy in Clinically Localized Prostate Cancer: Seattle Experience," accepted for publication and presentation at the 51<sup>st</sup> American Society for Radiation Oncology Annual Meeting, Int J Radiat Oncol Biol Phys Nov;2009 *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 I<sup>125</sup> 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 I<sup>125</sup> 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 51<sup>st</sup> American Society for Radiation Oncology Annual Meeting, Int J Radiat Oncol Biol Phys *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. Steven J. Frank, MD<sup>1</sup>, Lawrence B. Levy<sup>1</sup>, MS, Marco van Vulpen, MD PhD<sup>3</sup>, Juanita Crook, MD<sup>4</sup>, **John Sylvester, MD<sup>5</sup>**, Peter Grimm, DO<sup>6</sup>, and David A. Swanson, MD<sup>2</sup> Outcomes Following Prostate Brachytherapy Are Even Better Than Predicted. Int J Radiat Oncol Biol Phys, 10;2010 abstract
68. Gregory Merrick, **John Sylvester**, Peter Grimm, et al. Postimplant rectal dosimetry is not dependant on <sup>103</sup>Pd or <sup>125</sup>I seed activity; Brachytherapy 10(2011)35-43
69. 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.
70. Prestidge B, Bice W, Moran B, Fuller D, Gray J, Beyer D, Krurtzman S, **Sylvester J**, Potters L. Five-Year Biochemical Control Following Cesium-131 Permanent Prostate Brachytherapy in a multi-institutional Trial. Brachytherapy 10(3)May-June2011Suppl.1,abstract
71. **John E. Sylvester M.D.**, Peter D. Grimm D.O., Jason Wong M.D., et al. “15 year Biochemical Relapse-Free Survival following I<sup>125</sup> Prostate Brachytherapy in Clinically Localized Prostate Cancer: Seattle Experience,” Int J Radiat Oncol Biol Phys Vol 2011;81(2); 376-381
72. Steven J. Frank, MD; Lawrence B. Levy, MS; Marco van Vulpen, MD, PhD; Juanita Crook, MD<sup>3</sup>; **John Sylvester, MD**; Peter Grimm, DO; Thomas J. Pugh, MD; and David A. Swanson, MD. Outcomes After Prostate Brachytherapy Are Even Better Than Expected. Cancer 2011
73. Merrick GS, Lief J, Grimm PD, **Sylvester JE**, Butler W, Allen Z. The Effect Of ProQura Case Volume on Post-Implant Prostate Dosimetry, Int J Radiat Oncol Biol Phys 2011;81(5); e727-e734,
74. **John E Sylvester M.D.**, Peter Grimm “Interventional Techniques in Uro-Oncology” editors Manit Arya, Mark Emberton, Peter Scardino and Hashim Uddin Ahmed Chapter 2 Brachytherapy for Prostate Cancer Wiley- Blackwell 9600 Garsington Road Oxford OX4 6DQ, UK 2011
75. **John E Sylvester M.D.**, Defining and Treating Local Failure: Long-Term Brachytherapy Results; Audio-Digest Urology 35:05, 2012

## **Personal Interests/Hobbies**

I enjoy spending my spare time with my wife and 2 children. I enjoy skiing, snowboarding, surfing, scuba diving, reading, hiking, and swimming on the Sarasota Sharks Masters Swim Team ( USMS and YMCA National Champions). Also I'm a SSL Swim meet Stroke and Turn Judge.