CURRICULUM VITAE

**Date of Revision:** April 28, 2020

**Name:** Suzanne B. Evans, M.D., M.P.H.

**Present Academic Rank:** Associate Professor, Department of Therapeutic Radiology, Clinician-Educator Track

## Term: July 1, 2016 to June 30, 2021

## 

**School:** School of Medicine

**Education:**

B.S. Fairfield University (Biology), 1997

M.D. Tulane University School of Medicine, 2001

M.P.H. Tulane University School of Public Health and Tropical Medicine (International Health and Development), 2001

**Career/Academic Appointments**

2001-2004 Resident, Internal Medicine, Tulane University Hospital and Clinic, New Orleans, LA

2004-2008 Resident, Radiation Oncology, Tufts Medical Center/Brown University, Boston, Ma/Providence, RI

2007-2008 Chief Resident, Radiation Oncology, Tufts Medical Center/Brown University, Boston, MA/Providence, RI

2008-2010 Attending Physician, Hospital of Saint Raphael, Department of Radiation Oncology, New Haven, CT

2010-2016 Assistant Professor, Department of Therapeutic Radiology, Yale University School of Medicine, New Haven, CT

2010-present Affiliated faculty, Yale University Program for Biomedical Ethics

2016-present Associate Professor, Department of Therapeutic Radiology, Yale University School of Medicine, New Haven, CT

2015-present Associate Director, Radiation Oncology Residency Prgram

**Administrative Positions**

2012- 7/2015 Medical Director, Lawrence and Memorial Hospital, Department of Therapeutic Radiology, New London, CT

**Board Certification:**

American Board of Internal Medicine, Certificate in Internal Medicine, 2004-2014

American Board of Radiology, Certificate in Radiation Oncology, 2009-2019

**Professional Honors & Recognition:**

**International/National/Regional**

2020 Awarded Top 20 downloads for 2019, Practical Radiation Oncology for 2,525 downloads (#14) for “Standardizing dose prescriptions: An ASTRO white paper.”

2020 Awarded Top 23rd most cited article since inception (2017), Practical Radiation Oncology for “Radiation dose and cardiac risk in breast cancer treatment: An analysis of modern radiation therapy including community settings”

2020 Awarded 6th most downloaded article in the 20 year history of the Journal of Applied Clinical Medical Physics for "Peer Support: A needs assessment for social support from trained peers in response to stress among medical physicists,” published 2019.

2020 Award top 10% most downloaded in 2019 for Medical Physics for “Incident learning in radiation oncology: A review.”

2020 The American Association of Physicists in Medicine, Michael D. Mills Editor in Chief Award of Excellence for an Outstanding General Medical Physics Article "Peer Support: A needs assessment for social support from trained peers in response to stress among medical physicists."

2020 Yale Women's Housestaff Organization, Outstanding Mentor Celebration

2016 American Association of Residents in Radiation Oncology Educator of the Year

2006 American Brachytherapy Society Travel Grant Recipient, Scientific Paper 2004 Musser-Burch-Puschett Internal Medicine Award recipient

2003-2004 Outstanding Resident in Internal Medicine

2002-2003 Outstanding Resident in Internal Medicine

2001 Department of Medicine Chairman's Award for Superior Performance in Internal Medicine

2001 Murrel H. Kaplan Compassionate Physician Award

1998 Louisiana State University Primary Care Fellow in Infectious Disease Academic Positions and Honors

1997 Salt of the Earth Award for Community Service

1996-1997 Alpha Epsilon Delta Pre-Medical Honors Society

1996-1997 Alpha Sigma Nu Jesuit Honor's Society

1993-1997 Fairfield University Honors Program

**University**

# 2007 Chief Resident, Radiation Oncology, Tufts Medical Center/Brown University, Boston, MA/Providence, RI

**Grant/Clinical Trials History:**

**Clinical Trial Involvement:**

Principal Investigator. "HIC 1110009173: A Pilot Study of Four-Dimensional Conformal image-guided Accelerated Partial Breast Irradiation in the treatment of stage 0 and I breast carcinoma.

**Current Grants:**

Agency: Radiologic Society of North America Research & Education Foundation

I.D.#: 20-003804

Title: “High Yield Physics Video Series (Hi-Phy) Pilot from a Multi-institutional Collaboration”

P.I.: Suzanne B. Evans, MD, Gabrielle Peters, MD

Role: co- Principal Investigator

Percent effort: 0%

Project period: 07/01/20 – 06/30/21

**Past Grants:**

Agency: AHRQ

I.D.#: 1K01HS023900-01

Title: “Development and Evaluation of a Decision Analysis Based Decision Aid”

P.I.: Shi-Yi Wang, M.D., Ph.D.

Role: Co-Investigator

Percent effort: 0%

Project period: 04/01/15 – 03/31/20

Agency: American Cancer Society

l.D.#: RSG-14-029-01-CPHPS

Title: Understanding Disparities in the New Era of Personalized Breast Cancer Care (Gene Expression Profiling)

P.I.: Cary Gross, MD

Role on project: Co-Investigator

Percent effort: 5%

Project Period: 7/1/2014-6/30/2017

Agency: 21st Century Oncology- Yale University

Title: Research Collaboration

P.I.: Cary Gross, MD

Role on project: Research Collaborator, Project Lead, Breast

Percent effort: 0%

Project Period: 7/1/2014-6/30/2017

Agency: Yale Comprehensive Cancer Center, Pilot Grant, a P30 Cancer Center Support Grant (CCSG), and NCI

l.D.# NIH Research Grant CA-16359

Title:  Assessing the Impact of Breast Magnetic Resonance Imaging on Contralateral Breast Cancer Occurrence in Medicare Beneficiaries with Breast Cancer

P.I.: Shiyi Wang, MD

Role on project: Co-Investigator

Percent effort: 0%

Project Period: 4/1/2013-3/31/2014

**Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:**

**International/National**

September 2020. International Association for Atomic Energy webinar, “Safety Culture.”

2020 Best of ASTRO meeting, Los Angeles, CA, (Virtual due to Covid19). Vice Chair, Moderator for the meeting.

2020 ASTRO Annual Meeting, Miami, Fl (Virtual due to Covid19). “High Yield Quality Assurance in Your Clinic: Keeping Clinic Safe for the Rest of Us.”

2020 American Association of Medical Physicists- Canadian Organization of Medical Physicists joint Annual Meeting, Vancouver, BC (Virtual due to COVID19 July, 2020) “Why Smart AAPM and COMP Members Do Dumb Things (Tools to Combat Bias in Everyday Practice)”

2019 Best of ASTRO meeting, Washington, DC. Vice Chair, Moderator for the meeting.

2019 ASTRO Annual Meeting, Chicago, IL. Patient Safety Track Scientific Discussant

2019 ASTRO Annual Meeting Scientific Panel Speaker, Chicago, IL: “Incident Investigation without Shame and Blame: Just Handling of Whoppers and Whoopsies.”

2019 American Society of Clinical Oncology Quality Care symposium, San Diego, Ca. Poster Walk with a Professor.

June 6-8, 2019. International Association for Atomic Energy Workshop, Tygerberg Hospital, Capetown, South Africa. “National Workshop on the Prevention of Accidents and Incidents in Radiotherapy”

2019 AAPM Annual Meeting, Speaker, San Antonio, TX, August. “Quality Improvement: from Incident Learning to Affecting Change.”

2019 Visiting Professor, Departmental Grand Rounds Lecture, Department of Radiation Oncology, Rutgers Cancer Institute of New Jersey, Rutgers, The State University. March 5, 2019.

2018 Best of ASTRO meeting, San Francisco, CA. Patient Safety Track Discussant.

2018 ASTRO Annual Meeting, San Antonio, TX. “Meet the professor Poster Walk,” Breast Cancer.

2018 ASTRO Annual Meeting, San Antonio, TX. Moderator, “The How and Why of Applying Formal Risk Management Techniques for Quality Improvement.” October 21, 2018.

2018 Quality Care Symposium, Scottsdale, AZ. Session chair and moderator, “Welcome and General Session 1: Getting the Most for Our Investment—A Showdown for the Highest Value Quality Intervention.” September 28-29, 2018.

2018 International Association for Atomic Energy, Vienna, Austria, consultancy “Clinical Detection of Radiation Therapy Error through Patient Response.” September 10-13, 2018.

2018 International Association for Atomic Energy, Argonne National Laboratory, Workshop on Prevention of Accidents and Incidents in Radiotherapy. August 10-13, 2018. “The Radiation Therapy Process,””The Clinician’s Perspective on Safety and Quality,” “Consequences of Radiation Error,” “Safety Culture Leadership,” “When Things go Wrong in Radiotherapy,” “When Smart Oncologists do Dumb Things,” and “Special Safety Considerations for the Paediatric Patients:”

2017 Best of ASTRO meeting, Miami Beach, Fl. Patient Safety Track Discussant.

2017 ASTRO Annual Meeting, San Diego, CA. “Meet the professor Poster Walk,” Health services research.

2017 ASTRO Annual Meeting, San Diego, CA. Session organizer and speaker “Why Smart People do Dumb Things: Decision Making, Bias, and Medical Error.”

2016 Best of ASTRO meeting, Fort Lauderdale, Fl. Patient Safety Track Discussant.

2016 ASTRO Annual Meeting, Boston, MA. organizer and session moderator, “Partial Breast Radiation, Hypofractionation, or No Radiation for Early-Stage Breast Cancer: A Review of Risk-Adaptive Strategies.”

2016 ASTRO Annual Meeting, Boston, MA. organizer and session moderator, “The Role of Promoting Professionalism as Part of Safety Culture: Structuring an Effective Program”

2016 ASTRO Annual Meeting, Boston, MA. Invited lecturer in a double session mini course, “Tools and Techniques of Quality and Safety - Part 1 & 2.”

2016 AAPM Annual Meeting, Safety Certificate Course: Application of Risk Analysis Methods to Radiotherapy Quality Management: TG 100 Recommendations, Washington, DC. “The Quality Gap: Lessons Learned: Clinical Trials and Operations.”

2015 ASTRO Annual meeting, San Antonio, October 19, 2015, moderator, Patient Safety Scientific Session.

2015 ASRT Annual Meeting, San Antonio October 19, 2015. “The Role of Physician Leadership and Promotion of Professionalism in Safety Culture.”

2015 ASTRO, NCI, AAPM sponsored Big Data Workshop, Baltimore, MD. Invited panelist, “How will Big Data improve Quality and Safety in radiation therapy?”

2015 IAEA Workshop on Accident Prevention. Chicago, IL, Argonne National Labs, March 23, 2015. Invited Lecturer. "Clinical consequences of radiotherapy accidents or incidents."

2015 AAPM Spring Clinical meeting, St. Louis, MO, March 7-10, 2015, invited lecturer. "Using Reported Events to Improve Patient Safety: Getting Physicians Engaged in Patient Safety Efforts."

2015 AAPM workshop: Incident Learning Systems and Root Cause Analysis for Safer Radiation Oncology: A Hands-on Workshop, February 12-13, 2015, University of California, San Diego. Invited Lecturer "Safety Culture."

2014 ASCO Quality Care Symposium in October in Boston. Invited Lecturer, "Radiation Oncology Incident Learning System."

2014 ASTRO Annual Meeting, Invited Speaker, September 2014, San Francisco. Educational Session 412, "Improving Patient Safety and Quality of Care with the Radiation Oncology Incident Learning System."

2014 Canadian Organization of Medical Physicists 5th annual Winter School: Quality and Safety in Radiation Oncology, "Quality in the Clinic-Physician's Perspective," "Medical Error Disclosure," "Implementation of new Techniques: Physician's Perspective," "Panel Discussion on error Disclosure," Quebec, January 26-30, 2014.

2013 ASTRO Annual Meeting, Atlanta, GA, Moderator, Panel Discussion: "Error Disclosure in Radiation Oncology."

2013 AAPM Quality and Safety School, Colorado Springs, CO. "Quality in Radiation Oncology- Physician's Perspective," "Models for Clinical Responsibility," Safety Culture panel, June 16-20, 2013

**Regional:**

2014 Connecticut Area Medical Physics Society on "Implementation of New Techniques." September 2014.

March 31, 2012. New England Society of Radiation Therapists, Ledyard, CT, Invited Lecturer. "After the Error: Ethical Issues in Medical Error Disclosure."

June 15, 2012. New England Chapter, American Association of Physicists in Medicine, Providence, RI. Invited Lecturer. "Medical Error Disclosure in Radiation Therapy: Responsibilities and Controversies."

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:**

**International/National:**

2020 ASTRO 62st Annual Meeting, Miami, Fl (Virtual due to COVID19). Poster: “I Need A Sign: Modeling a Signaling Mechanism in the Radiation Oncology Match.” Talcott WJ, Yang D, Peters GW, Gao S, Blakaj A, Yu JB, Evans SB.

2020 Radiation Oncology Education Collaborative Study Group Spring Symposium. Oral: “High Yield Physics Video Series from a Multi-institutional Collaboration

(HY-Phy).”Peters, GW, Lincoln H, Tang X, Atwood T, Brown DW, Burmeister J, Ford E, Juang T, Evans SB.

2019 ASTRO 61st Annual Meeting, Chicago, IL. Oral: “A Blinded, Prospective Study of Problematic Plan Detection During Physician Chart Rounds.” Talcott WJ, Lincoln H, Kelly JR, Tressel L, Wilson LD, Decker RH, and Evans SB

2019 ASTRO 61st Annual Meeting, Chicago, IL. Poster: “Mentorship in Radiation Oncology: Role of Gender Diversity in ASTRO Abstract Presenting and Senior Author Dyads on Subsequent High-Impact Publications” Lee A, Albert A, Griffith K, Evans S, Rahimy E, Moran J, Cervino L, Park H, Jagsi R

2019 ASTRO 61st Annual Meeting, Chicago, IL. Poster: “Quality at the American Society for Radiation Oncology (ASTRO) Annual Meeting: Gender Balance among Invited Speakers and Associations with Panel Success” Rahimy E, Jagsi R, Park H, Moran J, Cervino L, Albert A,

Lee A, Evans SB

2019 ASTRO 61st Annual Meeting, Chicago, IL. Poster: “Visiting Professorship in Academic Radiation Oncology” Beeler W, Griffith k, Evans S, Golden D, Jagsi R

2018 ASTRO 60th Annual Meeting, San Antonio, TX. Oral: “Hazardous Attitudes: Physician Decision Making in Radiation Oncology.” Blakaj A, Kelly JR, Decker R, Ford E, Brown DW, Dosoretz A, **Evans SB**.

2018 ASTRO 60th Annual Meeting, San Antonio, TX. Poster: “An Evaluation of Health Numeracy among Radiation Therapists and Dosimetrists.” **Evans SB**, Kelly JR, White M, Marks L, Ford E.

2017 ASTRO 59th Annual Meeting, San Diego, CA. Oral Presentation: “A Needs Assessment of Social Support Among Medical Physicists: Stress, Medical Error, and Burnout.” J.L. Johnson, E.C. Ford, J.B. Yu, S.E. Fogh, **S.B. Evans**. International Journal of Radiation Oncology • Biology • Physics, Vol. 99, Issue 2, S72–S73

2017 ASTRO 59th Annual Meeting, San Diego, CA. Oral Presentation: “Predictors of Wrong Dose, Volume, or Targeting Events Within FDA Recalls of Linear Accelerators.” V. Jairam, H. Lincoln, D.W. Brown, H.S.M. Park, **S.B. Evans**. International Journal of Radiation Oncology • Biology • Physics , Volume 99 , Issue 2 , S71 - S72.

2017 ASTRO 59th Annual Meeting, San Diego, CA. Poster: “Patterns of Care and Outcomes of Patients With Breast Cancer Who Refuse Recommended Therapy.” Johnson S.B. An Y. Kelley JR, Aneja S, Mougalian S, Young MR, **Evans SB**. International Journal of Radiation Oncology • Biology • Physics , Volume 99 , Issue 2 , E20 - E21

2016 ASTRO 58th annual meeting, Boston, MA, oral E poster session: “Modern Radiation Therapy for Left-Sided Breast Cancer: An Analysis of Mean Heart Dose Within Diverse Practice Settings.” J. C. Hong, C. P. Gross, T. D. Shafman, X. Hu, J. B. Yu, R. Ross, A. Dosoretz, H. S. M. Park, S. E. Finkelstein, P. R. Soulos, and **S. B. Evans**

2016 ASTRO 58th annual meeting, Boston, MA, oral E poster session: “A Biologically Effective Dose of ≥105 Gy Is Associated With Improved Overall Survival in Stage I Non-Small Cell Lung Cancer Patients Treated With Stereotactic Body Radiation Therapy.” Stahl JM, Ross R, Harder EM, Mancini BR, Soulos PR, Dosoretz AP, Finkelstein SE, Shafman TD, Husain ZA, **Evans SB**, Yu JB, Gross CP, Decker RH.

2016 AAPM Annual Meeting, Washington, DC. Oral Presentation: “Veracity of Data Elements in Radiation Oncology Incident Learning Systems.” Kapur A, **Evans S** , Brown D, Ezzell G, Hoopes , Dieterich S, Kapetanovic K, Tomlinson C

2015 San Antonio Breast Cancer Symposium, San Antonio, TX. Poster Presentation: Manders JB, Kuerer HM, Smith BD, McCluskey C, Farrar WB, Frazier TG, Li L, Leonard CE, Carter DL, Chawla S, Medeiros LE, Guenther JM, Castellini LE, Buchholz DJ, Mamounas EP, Wapnir IL, Horst KC, Chagpar A, **Evans SB**, Riker AI, Vali FS, Solin LJ, Jablon L, Recht A, Sharma R, Lu R, Sing AP, Hwang ES, White J. "The 12-gene DCIS Score assay: Impact on radiation treatment (XRT) recommendations utility"

2015 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX. Poster presentation: H.S.M. Park, C.E. Rutter, Y. An, B.K. Killelea, **S.B. Evans**. “Postmastectomy radiotherapy for patients with 1-3 positive axillary lymph nodes: a patterns-of-care analysis.”

2015 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX. Poster presentation: Y. An, C.E. Rutter, H.S.M. Park, C.D. Corso, B.R. Mancini, N.H. Lester-Coll, D.N. Yeboa, **S.B. Evans**. “Adoption of Hypofractionated Whole-Breast Irradiation for Ductal Carcinoma In Situ Patients After Breast Conservation Surgery”

2015 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX. Poster presentation: Y. An, C.E. Rutter, H.S.M. Park, J.M. Stahl, C.D. Corso, B.R. Mancini, N.H. Lester-Coll, D.N. Yeboa, and **S.B. Evans**. “Increasing Use of Post Lumpectomy Radiation Therapy for Ductal Carcinoma In Situ of the Breast in the United States”

2015 Big Data Workshop: Exploring Opportunities for Radiation Oncology in the Era of Big Data, NIH Campus, Bethesda, MD. Poster Presentation: A. Kapur, J. Zheng, MD, **S.B. Evans**, G. Ezzell, S. Terezakis, MD; F. Ascoli, J. Krishnamoorthy, S. Dieterich, L. Potters. “Data Veracity in Radiation Medicine: Incident Learning Systems”

2014 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA. Oral Presentation: C.E. Rutter, N.H. Lester-Coll, B.R. Mancini, C.D. Corso, **S.B. Evans**. “Evaluating National Practice in Breast Cancer Radiation Therapy for Elderly Women: Response to a Randomized Trial and Cost Effectiveness on a National Scale”

2014 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA. Oral Presentation: S. Lloyd, A.P. Dosoretz, J.B. Yu, **S.B. Evans**, R.H. Decker. “Radiation Oncologists’ Opinions About Palliative Radiation Therapy for Patients on Hospice Care”

2014 American Radium Society Annual Meeting, St. Thomas, U.S. Virgin Islands. Poster Presentation: C.E. Rutter, A. Moreno, S. Lloyd, A. Chagpar, **S.B. Evans**. “Breast cancer laterality does not influence overall survival in a large moden cohort: Implications for radiation-related cardiac mortality”

2014 San Antonio Breast Cancer Symposium, San Antonio, TX. Poster Presentation: Wang EH, Mougalian SS, Soulos PR, Rutter CE, **Evans SB**, Haffty BG, Gross CP, Yu JB. “The adoption of hypofractionated whole breast irradiation for early-stage breast cancer: A national cancer data base analysis”

2013 Joint International Oncology Congress, San Francisco, CA. Oral Presentation, Trainee Winner: Wiznia LE, Lannin DR, **Evans SB**, Hofstatter EW, Horowitz NR, Killelea BK, Tsangaris TN, Chagpar AB. “The Number of Lymph Nodes Dissected in Breast Cancer Patients Matters”

2013 San Antonio Breast Cancer Symposium, San Antonio, TX. Poster Presentation: C.E. Rutter, B. Mancini, C. Gross, J. Aminawung, A. Chagpar, O. Saglam, E. Hoffstatter, M. Abu-Khalaf, **S. Evans**. “The use and influence of a 21-gene recurrence score (RS) assay in breast cancer: Clinical and pathologic predictors of high RS and chemotherapy receipt”

2013 55th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Atlanta, GA. Poster Presentation: S. Lloyd, A.P. Dosoretz, J.B. Yu, **S.B. Evans**, R.H. Decker. “Radiation Oncologists’ Attitudes and Intentions Regarding Palliative Radiation Therapy Near the End of Life.”

2013 55th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Atlanta, GA. Poster Presentation: C.E. Rutter, L. Qin, S.A. Higgins, M. Moran, **S.B. Evans**. “Dosimetric and Clinical Predictors of the Development of Moist Desquamation in Breast Cancer Irradiation”

2012 54th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA. Poster Presentation: **S.B. Evans**, A.P. Dosoretz, S. Damast, J.B. Yu. “Surveillance, Epidemiology, and End Results (SEER) Database Analysis of Verrucous Carcinoma of the Vulva”

2012 54th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA. Poster Presentation: B.F. Taylor, **S.B. Evans**, K.B. Roberts, J.B. Yu. “Survival for Patients With Inflammatory Breast Cancer Receiving Mastectomy Is Associated With Radiation Sequence and Race”

2012 54th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA. Oral Presentation: K.B. Roberts, P.R. Soulos, J.B. Yu, **S.B. Evans**, J.B. Long, C.P. Gross. “Temporal Trends in Radiation Modalities Among Older Women With Favorable Risk Breast Cancer”

2012 54th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA. Poster Presentation: S. Sen, P.R. Soulos, K.D. Frick, J.B. Long, K.B. Roberts, J.B. Yu, **S.B. Evans**, A.B. Chagpar, and C. Gross. “Understanding Costs and Value of Newer Radiation Modalities Among Older Women With Breast Cancer”

2012 54th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA. Poster Presentation: M. Young, S.A. Higgins, E. Ratner, S. Mani, **S.B. Evans**, D. Silasi, M. Azodi, T. Rutherford, P. Schwartz, and S. Damast. “Adjuvant Carboplatin/Paclitaxel and Vaginal Brachytherapy for Locally Advanced Endometrial Cancer”

2011 53rd Annual Meeting of the American Society for Radiation Oncology (ASTRO), Miami, FL. Poster Presentation: **S.B. Evans**, J.B. Yu, A.B. Chagpar. “Medical Error Disclosure Attitudes Among Radiation Oncologists”

2008 50th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA. Oral Presentation: J.T. Hepel, M. Tokita, S.G. MacAusland, **S.B. Evans**, J. Hiatt, L. Price, T. DiPetrillo, D.E. Wazer. “Toxicity of 3D-CRT for Accelerated Partial Breast Irradiation”

2006 48th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Philadelphia, PA. Poster Presentation: **S.B. Evans**, S. Sioshansi, J. Hiatt, L. Price, D.E. Wazer. “2008: Unfavorable Cardiac Anatomy for Left-Sided Tangential Breast Irradiation: Incidence and Predictive Factors”

2006 27th Annual Meeting of American Brachytherapy Society, Philadelphia, PA. Oral Presentation: **S. B. Evans**, S. Kaufman, D.E. Wazer. "Persistant Seroma After Intra-Operative Placement Of Mammosite For APBI: Incidence, Pathological Anatomy, And Contributing Factors."2004 Annual Meeting of American Society of Clinical Oncology, New Orleans, LA. Evans SB, Jooma N, Kabir A, Nedzi L, Zakris E, Mudad R. “Seizure prophylaxis in patients with brain metastases from solid tumors: Is phenytoin necessary?”

2004 National Meeting of Society of General Internal Medicine, Chicago, IL, Oral Presentation: **S. B. Evans**., "An Unusual Cause of Cirrhosis."

**Regional:**

2020 Guest Lecturer, Yale MBA Business Ethics class with Daylian Cain, Cognitive Bias.

2004 Louisiana-Mississippi Chapter of American College of Physicians, Biloxi, MS, Oral Presentation: S. B. Evans. "An Unusual Cause of Cirrhosis."

2004 Southern Regional Meeting of the Society of General Internal Medicine, New Orleans, LA, Oral Presentation: S. B. Evans. "An Unusual Cause of Cirrhosis."

2004 Louisiana Chapter of American College of Physicians, New Orleans, LA, Oral Presentation: S. B. Evans. "An Unusual Cause of Cirrhosis."

**PROFESSIONAL SERVICE**

**Peer Review Groups/Grant Study Sections**

2011-2012 American College of Radiation Oncology Accreditation Board: Breast Site Reviewer

**Journal Service**

Editor/Associate Editor

9/2017- present Executive Editor, Practical Radiation Oncology, Patient Safety and Quality, Breast cancer

2014-9/2017 Senior Editor, Practical Radiation Oncology, Patient Safety and Quality

2011-present Review Editorial Board, Frontiers in Radiation Oncology

Reviewer

2016-present *Journal of Clinical Oncology*

2011-present *Practical Radiation Oncology*

2008-present *International Journal of Radiation Oncology,* *Biology, Physics*

2008-present *American Journal of Clinical Oncology*

**Professional Service for Professional Organizations:**

**American Society of Radiation Oncology (ASTRO):**

2021-2022 Chair, Best of ASTRO Meeting Leadership

2020-present Vice-Chair, Radiation Oncology Health Advisory Committee, the analysis arm of the ASTRO and AAPM sponsored Radiation Oncology Incident Learning System (national)

2019-2020 Vice Chair, Best of ASTRO Meeting Leadership

2019-2022 ASTRO Annual Meeting Educational Committee

2019-2021 ASTRO, Clinical Affairs and Quality Council member, ROHAC representative

2018-present Member, Radiation Oncology Health Advisory Committee, the analysis arm of the ASTRO and AAPM sponsored Radiation Oncology Incident Learning System (national)

2015-9/2017 Chair, ASTRO Multidisciplinary Quality assurance Subcommittee

2014-9/2017 RO-ILS steering committee

2013-2015 Vice chair, ASTRO Multidisciplinary Quality assurance Subcommittee

2013 Patient Safety Organization Data Elements Committee

2013-2014 Patient Safety Organization Steering Committee

2013-9/2017 Clinical Affairs and Quality Committee

2013 ASTRO representative to Clarity Patient Safety Organization Healthcare Advisory Council Meeting, Chicago, IL.

2013-2014 Patient Safety Organization Data Elements workgroup

2012-2014 ASTRO representative to the American Association of Medical Dosimetrists "Phase II: Scope of Practice" Document

2012 ASTRO representative to AAPM Work Group on Prevention of Error Workshop: June 4-6, 2012, Seattle, WA.

2011-9/2017 Member, ASTRO Multidisciplinary Quality Assurance Subcommittee

**American Association of Physicists in Medicine:**

2017-present Workgroup, Radiation Oncology Incident Learning System

2016-2020 Member, AAPM Task Group No. 288 - Consensus Recommendations for Incident Narrative Formatting Task Group. Charge: Develop a consensus format structure for use in a radiation-oncology incident reporting system to guide initial reporters through recording relevant narrative information about incidents clearly and more uniformly than simple free text.

2012- 2014 Member, American Association of Physicists in Medicine (AAPM), Task Group 203: Implementing Checklists in Radiation Oncology

**American College of Radiology**

2016 Revisions to the *ACR Practice Parameter on Informed Consent – Radiation Oncology*.

**Meeting Planning/Participation**

2021-2022 Chair, Best of ASTRO Meeting Leadership

2019-2022 ASTRO Annual Meeting Educational Committee

2019-2020 Vice Chair, Best of ASTRO Meeting Leadership

2019 ASCO Quality Care Symposium, ASTRO representative, Organizing Committee

2018 ASCO Quality Care Symposium, Session Chair, ASTRO representative , Organizing Committee

2018 Program Committee, Best of ASTRO 2018, San Francisco, CA.

2017 Program Committee, Best of ASTRO 2017, Miami, FL

2016 Program Committee, Best of ASTRO 2016, Ft. Lauderdale, FL

2013-2018 ASTRO Annual Meeting Scientific Committee

2016-2018 ASTRO Annual Meeting Patient Safety Track Chair

2013-2015 ASTRO Annual Meeting Patient Safety Track Vice Chair

**Yale University Service:**

***University Committees***

2015- 2017 YNHHS/YSM Professionalism Committee

***Medical School Committees***

2015- 2017 YNHHS/YSM Professionalism Committee

**BIBLIOGRAPHY:**

Peer Reviewed Manuscripts

1. **Evans SB**, Kaufman SA, Price L, Cardarelli G, DiPetrillo T, Wazer DE. Persistent seroma after intraoperative MammoSite placement: Incidence, contributing factors, and pathology. *Int. J. Radiat. Oncol. Phys.* 2006. Jun 1; 65(2):333-339.
2. Hiatt J, **Evans SB**, Cardarelli G, DiPetrillo T, Wazer DE. Dose-modeling study to compare external beam techniques from protocol NSABP B-39/RTOG 0413 for patients with highly unfavorable cardiac anatomy. *Int. J. Radiat. Oncol. Biol. Phys.* 2006. Aug 1;65(5):1368-74.
3. **Evans SB**, Gass J, Wazer DE. Management of the axilla after the finding of a positive sentinel lymph node: A proposal for an evidence-based risk-adapted algorithm. *Am J Clin Oneal,* 2008 Jun;31(3):293-9.
4. Hepel JT, **Evans SB**, Hiatt JR, Price LL, DiPetrillo T, Wazer DE, MacAusland SG. Planning the breast boost: comparison of three techniques and evolution of tumor bed during treatment. *Int. J. Radiat. Oncol. Biol. Phys*. 2009. Jun 1;74(2):458- 63.
5. Hepel JT, Tokita M, MacAusland SG, **Evans SB**, Hiatt JR, Price LL, DiPetrillo T, Wazer DE. Toxicity of three-dimensional conformal radiotherapy for accelerated partial breast irradiation. *Int. J. Radiat. Oncol. Biol. Phys.* 2009. Dec 1;75(5):1290-6.
6. **Evans SB**, Decker R. Disclosing Medical Errors: A Practical Guide and Discussion of Radiation Oncology-Specific Controversies. *Int. J. Radiat. Oncol. Biol. Phys.* 2011. Aug 1;80(5):1285-8.
7. **Evans SB**, Sioshansi S, Moran MS, Jessica HJ, Price LL, Wazer DE. Prevalence of poor cardiac anatomy in carcinoma of the breast treated with whole breast radiotherapy reconciling modern cardiac dosimetry with cardiac mortality data. *Am. J. Clin. Oncol.* 2012. Dec; 35(6):587-92.
8. **Evans SB**, Yu JB, Chagpar A. How radiation oncologists would disclose errors: Results of a survey of radiation oncologists and trainees. *Int. J. Radiat. Oncol. Biol. Phys.* 2012. Oct 1;84(2):e131-7.
9. **Evans SB**, Panigrahi B, Northrup V, Patterson J, Baldwin DE, Higgins SA, Moran MS. Analysis of coronary artery dosimetry in the 3-dimensional era: Implications for organ-at-risk segmentation and dose tolerances in left-sided tangential breast radiation. *Practical Radiation Oncology*. 2013. Apr-Jun; 3(2):e55-60.
10. Jones T, Neboori H, Wu H, Yang Q, Haffty BG, **Evans S**, Higgins S, Moran MS. Are breast cancer subtypes prognostic for nodal involvement and associated with clinicopathologic features at presentation in early-stage breast cancer? Ann Surg Oncol. 2013 Sep;20(9):2866-72.
11. Bai HW, Motwani SB, Higgins SA, Haffty BG, Wilson LD, Lannin DR, **Evans SB**, Moran MS. Breast conservation therapy for ductal carcinoma in situ (DCIS): Does presentation of disease affect long-term outcomes? *Int. J. Clin. Oncol.* 2014; 19(3):460-6.
12. Wiznia LE, Lanan DR, **Evans SB**, Hofstatter EW, Horowitz NR, Killelea BK, Tsangaris TN, Chagpar AB. The number of lymph nodes dissected in breast cancer patients influences the accuracy of prognosis. *Ann. Surg. Oncol.* 2014. Feb; 21(2):389-94.
13. Lloyd S, Dosoretz AP, Yu JB, **Evans SB**, Decker RH. Academic and resident radiation oncologists’ attitudes and intentions regarding radiation therapy near the end of life. *Am. J. Clin. Oncol.* 2014. Jan 2
14. Sen S, Wang SY, Soulos PR, Frick KD, Long JB, Roberts KB, Yu JB, **Evans SB**, Chagpar AB, Gross CP. Examining the cost-effectiveness of radiation therapy among older women with favorable-risk breast cancer. *J. Natl. Cancer Inst.* 2014. Mar; 106(3): dju008. doi: 10.1093/jnci/dju008. Epub 2014 Mar 5.
15. Fenn KM, **Evans SB**, McCorkle R, DiGiovanna MP, Pusztai L, Sanft T, Hofstatter EW, Killelea BK, Knobf MT, Lannin DR, Abu-Khalaf M, Horowitz NR, Chagpar AB. Impact of financial burden of cancer on survivors' quality of life. *J Oncol Pract*. 2014 Sep;10(5):332-8.
16. Rutter CE, Chagpar AB, **Evans SB**. Breast cancer laterality does not influence survival in a large modern cohort: implications for radiation –related cardiac mortality. *Int. J. Radiat. Oncol. Biol. Phys.* 2014. Oct 1;90(2):329-34.
17. Wang EH, Mougalian SS, Soulos PR, Rutter CE, **Evans SB**, Haffty BG, Gross CP, Yu JB. Adoption of hypofractionated whole-breast irradiation for early-stage breast cancer: A national cancer data base analysis. *Int. J. Radiat. Oncol. Biol. Phys.* 2014. Dec 1;90(5):993-1000.
18. Rutter CE, Lester-Coll NH, Mancini BR, Corso CD, Park HS, Yeboa DN, Gross CP, **Evans SB**. The evolving role of adjuvant radiotherapy for elderly women with early-stage breast cancer. Cancer. 2015 Jul 15;121(14):2331-40.
19. Rutter CE, Park HS, Killelea BK, **Evans SB**. Growing use of mastectomy for ductal carcinoma-in situ of the breast among young women in the United States. *Ann. Surg. Oncol.* 2015. Jul, 22(7):2378-86.
20. Rutter CE, Yao X, Mancini BR, Aminawung JA, Chagpar AB, Saglam O, Hofstatter EW, Abu-Khalaf M, Gross CP, **Evans SB**. Influence of a 21-Gene Recurrence Score Assay on Chemotherapy Delivery in Breast Cancer*. Clin Breast Cancer*. 2015 Sep 21.
21. Wang SY, Long JB, Killelea BK, **Evans SB**, Roberts KB, Silber A, Gross CP. Preoperative Breast Magnetic Resonance Imaging and Contralateral Breast Cancer Occurrence Among Older Women With Breast Cancer. *J Clin Oncol*. 2015 Nov 30 pii: JCO629741.
22. Su KW, Hall J, Soulos PR, Abu-Khalaf MM, **Evans SB**, Mougalian SS, Rutter CE, Davidoff AJ, Gross CP. Association of 21-gene recurrence score assay and adjuvant chemotherapy use in the medicare population, 2008-2011. J Geriatr Oncol. 2016 Jan;7(1):15-23.
23. Lester-Coll NH, Rutter CE, **Evans SB**. Cost-effectiveness assessment of lumpectomy cavity boost in elderly women with early stage estrogen receptor positive breast cancer receiving adjuvant radiotherapy. Radiother Oncol. 2016 Feb 8.
24. Potters L, Ford E, **Evans S**, Pawlicki T, Mutic S. A Systems Approach Using Big Data to Improve Safety and Quality in Radiation Oncology. Int J Radiat Oncol Biol Phys. 2016 Jul 1;95(3):885-9.
25. Wang SY, Long JB, Killelea BK, **Evans SB**, Roberts KB, Silber A, Gross CP. Preoperative breast magnetic resonance imaging and contralateral breast cancer occurrence among older women with ductal carcinoma in situ. Breast Cancer Res Treat. 2016 Jul;158(1):139-48.
26. Wang EH, Park HS, Rutter CE, Gross CP, Soulos PR, Yu JB, **Evans SB**. Association between access to accelerated partial breast irradiation and use of adjuvant radiotherapy. Cancer. 2016 Sep 22.
27. Manders JB, Kuerer HM, Smith BD, McCluskey C, Farrar WB, Frazier TG, Li L, Leonard CE, Carter DL, Chawla S, Medeiros LE, Guenther JM, Castellini LE, Buchholz DJ, Mamounas E, Wapnir IL, Horst KC, Chagpar A, **Evans SB**, Riker AI, Vali FS, Solin LJ, Jablon L, Recht A, Sharma R, Lu R, Sing AP, Hwang ES, White J; Study investigators and study participants. Clinical Utility of the 12-Gene DCIS Score Assay: Impact on Radiotherapy Recommendations for Patients with Ductal Carcinoma In Situ. Ann Surg Oncol. 2016 Oct 4.
28. Stahl JM, Hong JC, Lester-Coll NH, Kann BH, Wilson LD, Higgins SA, **Evans SB**. Chest Wall Deformity in the Radiation Oncology Clinic. Anticancer Res. 2016 Oct;36(10):5295-5300.
29. Stahl JM, Ross R, Harder EM, Mancini BR, Soulos PR, Finkelstein SE, Shafman TD, Dosoretz AP, **Evans SB**, Husain ZA, Yu JB, Gross CP, Decker RH. The Effect of Biologically Effective Dose and Radiation Treatment Schedule on Overall Survival in Stage I Non-Small Cell Lung Cancer Patients Treated With Stereotactic Body Radiation Therapy. Int J Radiat Oncol Biol Phys. 2016 Dec 1;96(5):1011-1020.
30. Davis BA, Aminawung JA, Abu-Khalaf MM, **Evans SB**, Su K, Mehta R, Wang SY, Gross CP. Racial and Ethnic Disparities in Oncotype DX Test Receipt in a Statewide Population-Based Study. J Natl Compr Canc Netw. 2017 Mar;15(3):346-354.
31. Wang SY, Kelly G, Gross C, Killelea BK, Mougalian S, Presley C, Fraenkel L, **Evans SB**. Information Needs of Older Women With Early-Stage Breast Cancer When Making Radiation Therapy Decisions. Int J Radiat Oncol Biol Phys. 2017 Feb 9.
32. Rahimy E, Hong JC, Gross CP, Hu X, Soulos PR, Shafman T, Connor HJ, Ross R, Yu JB, Dosoretz A, **Evans SB**. Increased Number of Beam Angles Is Associated With Higher Cardiac Dose in Adjuvant Fixed Gantry Intensity Modulated Radiation Therapy of Left-Sided Breast Cancer. Int J Radiat Oncol Biol Phys. 2017 Dec 1;99(5):1137-1145. doi: 10.1016/j.ijrobp.2017.06.2451. Epub 2017 Jun 27.
33. Hong JC, Rahimy E, Gross CP, Shafman T, Hu X, Yu JB, Ross R, Finkelstein SE, Dosoretz A, Park HS, Soulos PR, **Evans SB**. Radiation dose and cardiac risk in breast cancer treatment: An analysis of modern radiation therapy including community settings. Pract Radiat Oncol. 2018 May - Jun;8(3):e79-e86. doi: 10.1016/j.prro.2017.07.005. Epub 2017 Jul 20.
34. Killelea BK, Long JB, Dang W, Mougalian SS, **Evans SB**, Gross CP, Wang SY. Associations Between Sentinel Lymph Node Biopsy and Complications for Patients with Ductal Carcinoma In Situ. Ann Surg Oncol. 2018 Jun;25(6):1521-1529. doi: 10.1245/s10434-018-6410-0. Epub 2018 Mar 7.
35. Wang SY, Dang W, Richman I, Mougalian SS, **Evans SB**, Gross CP. Cost-Effectiveness Analyses of the 21-Gene Assay in Breast Cancer: Systematic Review and Critical Appraisal. J Clin Oncol. 2018 Jun 1;36(16):1619-1627. doi: 10.1200/JCO.2017.76.5941. Epub 2018 Apr 16.
36. Wang SY, Kelly G, Gross C, Killelea BK, Mougalian S, Presley C, Fraenkel L, **Evans SB**. Information Needs of Older Women With Early-Stage Breast Cancer When Making Radiation Therapy Decisions. Int J Radiat Oncol Biol Phys. 2017 Jul 15;98(4):733-740. doi: 10.1016/j.ijrobp.2017.02.001. Epub 2017 Feb 9. Erratum in: Int J Radiat Oncol Biol Phys. 2018 Feb 1;100(2):532.
37. Wang SY, Long JB, Killelea BK, **Evans SB**, Roberts KB, Silber AL, Davidoff AJ, Sedghi T, Gross CP. Associations of preoperative breast magnetic resonance imaging with subsequent mastectomy and breast cancer mortality. Breast Cancer Res Treat. 2018 Aug 11. doi: 10.1007/s10549-018-4919-3.
38. Wang SY, Chen T, Dang W, Mougalian SS, **Evans SB**, Gross CP. Incorporating Tumor Characteristics to Maximize 21-Gene Assay Utility: A Cost-Effectiveness Analysis. J Natl Compr Canc Netw. 2019 Jan;17(1):39-46. doi: 10.6004/jnccn.2018.7077.
39. Rahimy E, Weidhaas J, Wei W, Lannin D, Horowitz N, Higgins S, Wilson LD, Knowlton C, Moran MS, Young MR, Killelea B, Chagpar A, Yeboa DN, Zelterman D, **Evans S**. Patient-Reported Outcomes and Cosmesis in a Feasibility Study of 4-Dimensional Simulated Image Guided Accelerated Partial Breast Irradiation. Pract Radiat Oncol. 2019 May;9(3):e257-e265. doi: 10.1016/j.prro.2019.01.013. Epub 2019 Feb 20.
40. Johnson J, Ford E, Yu J, Buckey C, Fogh S, **Evans SB**. Peer support: A needs assessment for social support from trained peers in response to stress among medical physicists. J Appl Clin Med Phys. 2019 Jul 29. doi: 10.1002/acm2.12675.
41. Rahimy E, Jagsi R, Park HS, Moran JM, Cervino L, Albert A, Lee A, Evans S. Quality at the American Society for Radiation Oncology Annual Meeting: Gender Balance Among Invited Speakers and Associations with Panel Success. Int J Radiat Oncol Biol Phys. 2019 Aug 1;104(5):987-996.
42. Loganadane G, Kassick M, Kann BH, Young MR, Knowlton CA, **Evans SB**, Higgins SA, Belkacemi Y, Potenziani M, Saltmarsh N, Wilson LD, Moran MS. Standard Tangential Radiation Fields Do Not Provide Incidental Coverage to the Internal Mammary Nodes. Pract Radiat Oncol. 2019 Aug 5. pii: S1879-8500(19)30226-7. doi: 10.1016/j.prro.2019.07.014.
43. Jairam V, Lincoln H, Brown D, Park HS, **Evans SB**. Error Types and Associations of Clinically Significant Events within FDA Recalls of Linear Accelerators and Related Products. Pract Radiat Oncol. 2019 Aug 10. pii: S1879-8500(19)30230-9. doi: 10.1016/j.prro.2019.08.001.
44. Killelea BK, **Evans SB**, Mougalian SS, Gross CP, Fraenkel L, Wang SY. Association between perceived benefits and receipt of radiotherapy among older breast cancer patients. Breast J. 2019 Sep 3. doi: 10.1111/tbj.13518.
45. Lee A, Albert A, Griffith K, Evans S, Rahimy E, Park HS, Cervino LI, Moran JM, Jagsi R. Mentorship in Radiation Oncology: Role of Gender Diversity in Abstract Presenting and Senior Author Dyads on Subsequent High-Impact Publications. Adv Radiat Oncol. 2019 Oct 31;5(2):292-296.
46. Wang SY, Abujarad F, Chen T, **Evans SB**, Killelea BK, Mougalian SS, Fraenkel L, Gross CP. "Radiotherapy for older women (ROW)”: A risk calculator for women with early-stage breast cancer. J Geriatr Oncol. 2019 Dec 30.
47. Hung P, Wang SY, Killelea BK, Mougalian SS, **Evans SB**, Sedghi T, Gross CP. Long-Term Outcomes of Sentinel Lymph Node Biopsy for Ductal Carcinoma in Situ. JNCI Cancer Spectr. 2019 Aug 7;3(4):pkz052. doi: 10.1093/jncics/pkz052. eCollection 2019 Dec.
48. Beeler WH, Griffith KA, Evans SB, Golden DW, Jagsi R. Visiting Professorship in Academic Radiation Oncology. Int J Radiat Oncol Biol Phys. 2020 May 14:S0360-3016(20)31128-7.
49. Peters GW, Decker RH, Park HS, Yu JB, Evans SB. Resident attitudes and benefits of mock oral board examinations in radiation oncology. BMC Med Educ. 2020 Jun 26;20(1):203.
50. Talcott WJ, Lincoln H, Kelly JR, Tressel L, Wilson LD, Decker RH, Ford E, Hartvigson P, Pawlicki T, **Evans SB**. A Blinded, Prospective Study of Problematic Plan Detection During Physician Chart Rounds. Practical Radiation Oncology, Sept 1.

**Chapters, Books, and Reviews**

# Taylor F, Roberts KB, **Evans SB**. "Cardiovascular Complications of Radiation." Evidence Based Cardiology Consult. Evidence-Based Cardiology Consult: 2014, pages 409-420.

White A, **Evans SB**, Gallagher T. "Medical Error Disclosure," Hospital Medicine, a Decision Support in Medicine publication.

**Evans SB**. "Vulvovaginal Cancer," "Endometrial Cancer," "Brain Metastases," "Complications of Radiation." Hospital Medicine, a Decision Support in Medicine publication, Completed.

Yeboa DN, **Evans SB**. Contemporary Breast Radiotherapy and Cardiac Toxicity. *Semin Radiat Oncol*. 2016 Jan;26(1):71-8. doi: 10.1016/j.semradonc.2015.09.003. Epub 2015 Sep 4. Review.

**Evans SB**, Brown DW. "Error Prevention and Risk Management." In Eds. Dicker, A. P., Williams, T. R., & Ford, E. C. (2016). Quality and Safety in Radiation Oncology: Implementing Tools and Best Practices for Patients, Providers, and Payers. New York, NY: Springer Publishing Company.

Johnson, J, **Evans SB**. "The impact of incidents: reporting, investigating, improving." In Eds. Dicker, A. P., Williams, T. R., & Ford, E. C. (2016). Quality and Safety in Radiation Oncology: Implementing Tools and Best Practices for Patients, Providers, and Payers. New York, NY: Springer Publishing Company.

Banja J, **Evans SB**. "Medical Error Disclosure." In Eds. Dicker, A. P., Williams, T. R., & Ford, E. C. (2016). Quality and Safety in Radiation Oncology: Implementing Tools and Best Practices for Patients, Providers, and Payers. New York, NY: Springer Publishing Company.

**Evans SB**, Roger S. "The Patient Perspective on Quality and the Role of the Patient in Safety." In Eds. Dicker, A. P., Williams, T. R., & Ford, E. C. (2016). Quality and Safety in Radiation Oncology: Implementing Tools and Best Practices for Patients, Providers, and Payers. New York, NY: Springer Publishing Company.

**Evans SB**, Young MY, Higgins S, Moran M. Chapter 47: Biologic Basis of Radiotherapy of the Breast, Bland et al: The Breast (Fifth Edition), Comprehensive Management of Benign and Malignant Diseases. 2018, Pages 663-670.e2

**Evans SB**, Haffty B. Chapter 6: Radiation for Triple Negative Breast Cancer. In Tan, A. R. (2018). Triple-negative breast cancer: A clinician's guide.

Ford EC, **Evans SB**. Incident learning in radiation oncology: A review. Med Phys. 2018 May;45(5):e100-e119. doi: 10.1002/mp.12800. Epub 2018 Apr 11.

**Evans SB**, Cain D, Kapur A, Brown D, Pawlicki T. Why Smart Oncology Clinicians do Dumb Things: A Review of Cognitive Bias in Radiation Oncology. Pract Radiat Oncol. 2019 Jul - Aug;9(4):e347-e355. doi: 10.1016/j.prro.2019.03.001. Epub 2019 Mar 21. Review.

Potters L, **Evans SB**, Pawlicki T. Chapter 5: Quality and Safety in Radiation Oncology. In Tepper, J. E., In Foote, R. L., & In Michalski, J. M. (2021). Gunderson & Tepper's clinical radiation oncology.

**Peer-Reviewed Educational Materials**

None

**Invited Editorials and Commentaries**

**Evans SB**, Higgins SA. Intraoperative radiotherapy for breast cancer: Deceptively simple? *Oncology*. 2013. Feb; 27(2):122-24.

**Evans** SB, Eccles C. The Heart of the Matter: Cardiac Dose in Modern Breast cancer radiotherapy. ASTRO News, Summer 2015.

**Evans SB**. Physician participation in incident learning. J. Oncol. Pract. 2014. Sep; 10(5):e358-9.

**Evans SB**, Ford EC. Radiation oncology incident learning system: a call to participation. *Int. J. Radiat. Oncol. Biol. Phys.* 2014. Oct 1;90(2):249-50.

**Evans SB**. Patient safety across disciplines: radiation oncology incident learning system. *J Oncol Pract.* 2015. May;11(3):202-3.

**Evans SB,** Yu JB. Hypofractionated radiation therapy versus conventionally fractionated radiation therapy for early-stage breast cancer: how do we choose? *Future Oncol*. 2015;11(15):2105-7.

Kelly JR, **Evans S**. Counterpoint: Accelerated Partial Breast Irradiation for Breast Cancer: Not Ready for Routine Use. Oncology (Williston Park). 2017 Feb 15;31(2):104, 108-9, 128.

**Evans SB**. Causal factors for error in radiation oncology. Pract Radiat Oncol. 2017 Sep - Oct;7(5):354-355. doi: 10.1016/j.prro.2017.06.005. Epub 2017 Jun 21.

**Evans SB**. About the science of safety and quality and PRO's role in safety and quality science. Pract Radiat Oncol. 2018 Sep - Oct;8(5):e249-e250. doi: 10.1016/j.prro.2018.06.007.

**Evans, SB**. Encouraging Physician Participation in Incident Learning Systems: Overcoming Embarrassment, Providing Feedback. Public Health England Safer Radiotherapy, May 2019 Newsletter, Issue 28. Available at: <https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/808062/Safer_RT_Issue_28.pdf>

**Evans SB**. First fruits of the RO-ILS system: Are we learning anything new? Pract Radiat Oncol. 2018 Mar - Apr;8(2):133-135. doi: 10.1016/j.prro.2017.11.010. Epub 2017 Dec 2.

**Evans SB**, Martin DD, Kudner R. The Standard Prescription and APEx Accreditation: One Hand Washes the Other. Pract Radiat Oncol. 2019 Jun 21. pii: S1879-8500(19)30175-4. doi: 10.1016/j.prro.2019.05.016.

**Evans SB**. "Would you rather have a standard practice or a special practice?" ASTRO News, Spring 2019.

**Practice Guidelines, Standards and Consensus Statements**

2019 Acknowledgments for Revisions to ASTRO publication “Safety is No Accident:  A Framework for Quality Radiation Oncology and Care” accessed at : https://www.astro.org/uploadedFiles/Main\_Site/Clinical\_Practice/Patient\_Safety/Blue\_Book/SafetyisnoAccident.pdf

**Evans SB**, Fraass BA, Berner P, Collins KS, Nurushev T, O'Neill MJ, Zeng J, Marks LB. “Standardizing dose prescriptions: An ASTRO white paper.” Pract Radiat Oncol. 2016 Aug 24.

Fong de Los Santos LE, **Evans S**, Ford EC, Gaiser JE, Hayden SE, Huffman KE, Johnson JL, Mechalakos JG, Stern RL, Terezakis S, Thomadsen BR, Pronovost PJ, Fairobent LA. Medical Physics Practice Guideline 4.a: Development, implementation, use and maintenance of safety checklists. J Appl Clin Med Phys. 2015 May 8;16(3):5431.

**Case Reports, Technical Notes, Letters**

**Evans SB**. "Unnecessary" post-Mastectomy Radiation Therapy. *Arch Surg.*

2011. Jun;146(6):764-5.

Hernandez S, **Evans SB**, Wazer DE. Severe acute Toxicity following whole breast radiotherapy in the setting of multiple collagen vascular diseases. *Am. J. Clin. Oncol.* 2006. Dec;29(6):647-8.

**Scholarship In Press**

None

**Podcasts/Digital Scholarship**

**Evans, S. B.,** Talcott, W, Lee, R. (2020, September) Interview regarding: A Blinded, Prospective Study of Problematic Plan Detection During Physician Chart Rounds. [Audio podcast].

(recorded 8/13/2020)

**Evans, S. B.,** Ezzell, G. (2018, June) Interview regarding: Common error pathways seen in the RO-ILS data that demonstrate opportunities for improving treatment safety. [Audio podcast].

Retrieved from https://www.practicalradonc.org/pb/assets/raw/Health%20Advance/journals/prro/RO-ILS\_podcast.mp3

**Evans, S. B**., Smith, B. (2018, May). Interview regarding: Radiation therapy for the whole breast: Executive summary of an American Society for Radiation Oncology (ASTRO) evidence-based guideline [Audio podcast].

Retrieved from https://www.practicalradonc.org/cms/attachment/2119300193/2091879180/mmc2.mp3