# **CURRICULUM VITAE**

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Date of Birth:	January 6, 1946			
Place of Birth:	Sutton, Surrey, Engla	and		
Nationality:	United States and United Kingdom			
Education:	University of London Charing Cross Hospi	, tal Medical School, 1965-1970		
<u>Qualifications</u> :	MRCSMember, RoyMBBachelor of NBSBachelor of SFRCSFellow, RoyaMSMaster of Su	oyal College of Physicians of London 1970 yal College of Surgeons of England 1970 Medicine, University of London 1970 Surgery, University of London 1970 al College of Surgeons of England 1975 rgery, University of London 1980 rican College of Surgeons 1984		
Postdoctoral Training:				
House Physician, West London Hospital (Charing Cross Group of Hospitals)		Internal Medicine July 1, 1970 - December 31, 1970		
House Surgeon to the Professorial Department of Surgery, Fulham Hospital (Charing Cross Group of Hospitals)		General Surgery January 1, 1971 - June 30, 1971		
Institute of Basic Medical Sciences Royal College of Surgeons of England		Surgical Science October 1, 1971 - February 29, 1972		
Senior House Officer, West Middlesex Hospital, Isleworth		Accident and Emergency Surgery March 4, 1972 - September 5, 1972		
Senior House Officer, St. James Hospital, London		General Surgery and Urology October 1, 1972 - March 31, 1973		

Resident Surgical Officer, Brompton Hospital, London Cardiothoracic Surgery April 1, 1973 - September 30, 1973 Registrar, West Herts Hospital Hertfordshire

Registrar, Charing Cross Hospital, London

Lecturer in Surgery and Wellcome Trust Fellow Charing Cross Hospital Medical School University of London

Honorary Lecturer Senior Registrar in General Surgery, The Royal Marsden Hospital and Institute of Cancer Research, London

Fellow in Surgical Oncology, Dept. of Surgery Memorial Sloan-Kettering Cancer Center, NY

#### Previous Appointments:

Assistant Professor of Surgery, Cornell University Medical College, NY

Assistant Attending Surgeon Memorial Hospital, NY

Adjunct Faculty Member, The Rockefeller University, NY

Visiting Associate Physician, The Rockefeller University Hospital, NY

Assistant Member, Memorial Sloan-Kettering Cancer Center, NY

Associate Professor of Surgery, Cornell University Medical College, NY

Head, Breast Cancer Research Laboratory Memorial Sloan-Kettering Cancer Center, NY

Associate Member, Memorial Sloan-Kettering Cancer Center, NY

Associate Attending Surgeon, Memorial Hospital, NY

Director and Chief Executive Officer, Strang Cancer Prevention Center, NY General Surgery, Orthopedics and Trauma October 1, 1973 - January 11, 1976

General Surgery, Surgical Oncology January 12, 1976 - September 30, 1978

Breast Cancer Research January 24, 1977 - January 23, 1978

Surgical Oncology, Breast Cancer Research November 1, 1978 - June 30, 1980

Surgical Oncology July 1, 1980-June 30, 1981

July 1, 1981 - June 30, 1984

July 1, 1981 - March 21, 1990

October 1, 1981 - September 30, 1989

August 1, 1983 – June 30, 2007t

July 1, 1984 - March 21, 1990

July 1, 1984 - November 30, 1991

July 1, 1986 - August 31, 1991

March 22, 1990 - August 31, 1991

March 22, 1990 - August 31, 1991

September 1, 1991 - July 1, 1995

President and Chief Executive Officer Strang Cancer Prevention Center, NY	м.р.озвогле мд July 1, 1995 – June 30 2007
Chief, Breast Service, Department of Surgery The New York Presbyterian Hospital-Cornell Medical	September 1, 1991 –June 30 2007 Center, NY
Professor of Surgery Cornell University Medical College, NY Attending Surgeon The New York Presbyterian Hospital-Cornell Medical	December 1, 1991 – June 30 2007 September 1, 1991 – June 30 2007 Center, NY
Adjunct Professor The Rockefeller University, NY	July 1, 2003 – June 30 2007
Director, Breast Programs Continuum Cancer Centers of New York	July 1 2007 – March 31, 2011
Current Appointments:	
Attending Surgeon, Comprehensive Breast Center Beth Israel Medical Center	July 1 2007 – present
President, Strang Cancer Prevention Institute	September 18 2009 – present
Director, Strang Cancer Prevention Programs Continuum Cancer Centers of New York	April 1 2011 – present
Licensed Physician #: 145757	1981 – New York
Board Certification (equivalent):	1982 Certification of Higher Surgical Training in General Surgery, Royal College of Surgeons of England
Scientific and Medical Societies:	American Society of Breast Surgeons American Surgical Association Fellow, Royal Society of Medicine Memorial Hospital Alumni Society New York Cancer Society New York Clinical Society New York Metropolitan Breast Cancer Group New York Surgical Society Physician's Scientific Society Society of Surgical Oncology The Halsted Society Worshipful Society of Apothecaries

### Honors and Awards:

<u>Undergraduate</u> :	The Golding Medal (The Governor's Clinical Gold Medal) Llewelyn Scholarship Norman C. Lake Prize in Surgery William Travers Prize in Obstetrics and Gynecology Thomas Henry Green Prize in Clinical Medicine Prize in Orthopedics Prize in Gynecology Prize in Radiology David Winser Essay Prize Prize in Second Clinical Year Surgery Certificate of Merit in Psychiatry Certificate of Merit in Third Clinical Year Medicine Certificate of Merit in Second Clinical Year Medicine Certificate of Merit in First Clinical Year Surgery Certificate of Merit in First Clinical Year Surgery Certificate of Merit in First Clinical Year Surgery Certificate of Merit in Anatomy Dissection
Postgraduate:	Wellcome Trust Surgical Fellowship (1977 - 1978) Simpson-Smith Surgical Travel Scholarship (1977) Raven Prize, British Association of Surgical Oncologists (1978) Gosse Scholarship, Charing Cross Hospital Medical School (1980) Distinguished Scientist, National University of Cordoba, Republic of Argentina (1990) Albert Segaloff Memorial Lecturer, Alton Ochsner Medical Foundation (1991) Cyril S. Avranitis Lecturer, Monmouth Medical Center (1994) Ellen Dryer Memorial Lecture, Sass Foundation New York (2001)
Other Activities:	American Cancer Society Institutional Grants Review Committee, Memorial Sloan-Kettering Cancer Center 1986-1989 Education Committee, Society of Surgical Oncology 1988-1990 Vice-President, New York Metropolitan Breast Cancer Group 1989-1991 Chairman, Research Committee, New York Metropolitan Breast Cancer Group 1991-1995 Breast Tumor Board, New York Hospital-Cornell Medical Center 1991-present Cancer Care Committee, New York Hospital-Cornell Medical Center 1991-2007 Member, Board of Trustees, Strang Cancer Prevention Center 1991-present Scientific Advisory Board, American-Italian Foundation 1991-present National Institutes of Health, National Cancer Institute, Workshop on Bone Marrow Micrometastases 1992 Cancer & Leukemia Group B, Breast Surgeon Committee 1992 Board of Trustees, National Consortium of Breast Centers 1992-1995 Executive Board, National Alliance of Breast Disease 1992-1995 Medical Advisory Board, National Alliance of Breast Cancer Organizations 1992-2000 Chairman, Program Committee, 20th Annual Symposium of the New York Metropolitan Breast Cancer Group 1993 Vice-President, New York Metropolitan Breast Cancer Group 1993-1995 Cornell University Medical College Faculty Practice Plan/Clinical Affairs Task Force on Highly Specialized Services 1995 President, New York Metropolitan Breast Cancer Group 1995-1997 Board of Advisors, New York Menopause Center 1995-present Secretary General, International Society of Cancer Chemoprevention 1996-2002 Breast Cancer Advisory Board, Schering-Plough, 1996 The New York Hospital-Presbyterian Network, CEO Committee 1997-2000 Editorial Board, Breast Cancer Online 1998-present Editorial Board, Seminars in Breast Disease 1998-present

#### M.P.OSBORNE MD

Member of the Board, New York and Presbyterian Healthcare Network 1998-2000 Breast Cancer Advisory Board, AstraZeneca, 1999 Treasurer, International Society of Cancer Chemoprevention 2002-2007 Committee Member, American Association for Cancer Research – Career Development Award 2002. Local Arrangements Committee. Society of Surgical Oncology 57<sup>th</sup> Annual Cancer Symposium, New York City 2004. Audit Committee, Halsted Society 2003-2005

President, New York Clinical Society 2003-2005

Member of the Board, the American Friends of Cancer Relief Macmillan Fund 2006-present

President-Elect, The New York Surgical Society 2013

#### Ad Hoc Reviewer

New England Journal of Medicine Lancet Lancet Oncology Annals of Surgery Journal of Clinical Oncology Annals of Surgical Oncology Nature Reviews Drug Discovery Cancer Research British Journal of Surgery Journal of the National Cancer Institute International Journal of Cancer American Journal of Pathology American Journal of Surgery Breast Cancer Review

- **Editorial Board** Breast Cancer On Line www.bco.org
- <u>Guest Editor</u> Osborne MP Breast cancer prevention Seminars in Breast Disease 2003 volume 6

**Books:** Cancer Prevention From the Laboratory to the Clinic: Implications of Genetic, Molecular and Preventive Research Eds: H.L. Bradlow, **M.P. Osborne**, U. Veronesi Annals of the New York Academy of Sciences Vol. 768. 1995

> Strang Cookbook for Cancer Prevention Authors: L. Pensiero, S. Oliveria, **M. Osborne**. Dutton. 1998

Cancer Prevention: Novel Nutrient and Pharmaceutical Developments Eds: H.L. Bradlow, J. Fishman, **M.P. Osborne** Annals of the New York Academy of Sciences Vol. 889. 1999

Cancer Prevention: Molecular Mechanisms to Clinical Applications. Eds: **M.P. Osborne** Annals of New York Academy of Sciences Vol. 952. 2001

Strang Cookbook for Cancer Prevention Authors: L. Pensiero, S. Oliveria, **M. Osborne**. McGraw Hill. 2004

# Public Recognition:

	<b>.</b>		
1989	Good Housekeeping	The 184 Best Breast Cancer Doctors in America	
1991	New York Magazine	Best Doctors	
1992	Good Housekeeping	Best Cancer Specialists in the US	
1992-1993	Woodward/White	Best Doctors in America	
1993-present	Marquis	Who's Who in Science & Engineering	
1994-present	Marquis	Who's Who in the World	
1995	Town & Country	Best Medical Specialists in North America	
1996-present	Marquis	Who's Who Worldwide	
1996	American Health	Best Doctors in America	
1996	New York Magazine	Best Doctors	
1996	•		
1996	International Who's Who of Contemporary Achievement 5000 Personalities of the World		
1997	Castle Connolly	How to Find the Best Doctors: New York Metro Area	
1998	Castle Connolly	How to Find the Best Doctors: New York Metro Area	
1998	New York Magazine	Best Doctors	
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	Castle Connolly	Hw to Find the Best Doctors: New York Metro Area	
1999	Good Housekeeping	318 Top Cancer Doctors for Women	
2000	Castle Connolly	How to Find the Best Doctors: New York Metro Area	
2000	Manhattan Magazine	5 <sup>th</sup> Annual Breast Cancer Awareness Award	
2000	New York Magazine	Best Doctors	
2001	New York Magazine	Best Doctors	
2001	Castle Connolly	Top Doctors: New York Metro Area	
2001-2002	Best Doctors	Best Doctors in America	
2002	New York Magazine	Best Doctors	
2002	Castle Connolly	America's Top Doctors	
2003	Castle Connolly	Top Doctors: New York Metro Area	
2003	New York Magazine	Best Doctors	
2003	Castle Connolly	America's Top Doctors	
2003-2004	Best Doctors	Best Doctors in America	
2004	New York Magazine	Best Doctors	
2004	Smith Barney Citigroup	Extraordinary Achievement Award "Women's Health Issues	
	2	in conjunction with the Susan G. Komen Foundation 'Race for the Cure'	
2004	Castle Connolly	America's Top Doctors	
2004	Castle Connolly	Top Doctors: New York Metro Area	
2005-2006	Best Doctors	Best doctors in America	
2005-2000	Castle Connolly	Top Doctors: New York Metro Area	
2005	Castle Connolly	America's Top Doctors for Cancer	
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	Castle Connolly	America's Top Doctors	
2005	New York Magazine	Best Doctors	
2006	New York Magazine	Best Doctors	
2006-2007	Best Doctors	Best Doctors in America	
2006	Castle Connolly	America's Top Doctors	
2006	Castle Connolly	Top Doctors: New York Metro Area	
2006	Castle Connolly	America's Top Doctors for Cancer	
2007	New York Magazine	Best Doctors	
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2007	Castle Connolly	America's Top Doctors	
2007 2007	Castle Connolly		
	Castle Connolly	America's Top Doctors	
2007	Castle Connolly Consumer's Research Coun	America's Top Doctors cil Guide to America's Top Oncologists	
2007 2007-2008	Castle Connolly Consumer's Research Coun Best Doctors	America's Top Doctors cil Guide to America's Top Oncologists Best Doctors in America	
2007 2007-2008 2008	Castle Connolly Consumer's Research Coun Best Doctors New York Super Doctors	America's Top Doctors cil Guide to America's Top Oncologists Best Doctors in America New York Times Supplement	
2007 2007-2008 2008 2008	Castle Connolly Consumer's Research Coun Best Doctors New York Super Doctors New York Magazine Castle Connolly	America's Top Doctors cil Guide to America's Top Oncologists Best Doctors in America New York Times Supplement Best Doctors America's Top Doctors for Cancer	
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#### **Bibliography**

#### **Peer Reviewed Publications**

- 1. **Osborne MP**, Paneth M, Hinson KFW. Starch granules in the pericardium as a cause of post-cardiotomy syndrome Thorax 1974;29:199-203
- 2. **Osborne MP**. Penile Parkinsonism Postgraduate Medical Journal 1974;50:523-524
- 3. Honey M, Lincoln JCR, **Osborne MP**, DeBono D. Coarctation of the aorta with right aortic arch British Heart Journal 1975;37:937-945
- 4. **Osborne MP**, Hamilton G, Shalley M. Axial volvulus of Meckel's diverticulum Postgraduate Medical Journal 1978;54:692-693
- Bion J, Coleman JC, Osborne MP.
   An unusual postoperative pneumonia Journal of the Royal Society of Medicine 1978;71:523-526
- Ryman BE, Jewkes RF, Jeyasingh K, Osborne MP, Patel HM, Richardson VJ, Tyrell DA. Potential applications of liposomes to therapy Annals of the New York Academy of Sciences 1978;308:281-307
- Osborne MP, Murray-Lyon IM, Reynolds K. Dacron bypass grafting in the relief of obstructive jaundice Lancet 1979;1:1323-1325
- 8. **Osborne MP**, Richardson VJ, Jeyasingh K, Ryman BE. Radionuclide labeled liposomes - a new lymph node imaging agent International Journal of Nuclear Medicine and Biology 1979;6:75-83
- Osborne MP, Jeyasingh K, Jewkes RF, Burns JI. The preoperative detection of internal mammary lymph node metastases in breast cancer British Journal of Surgery 1979;66:813-818

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11. Greening WP, Sarker SK, **Osborne MP**. Hemiagenesis of the thyroid gland British Journal of Surgery 1980;67:446-448

- 12. Sarker SK, **Osborne MP**, Harmer CL, Greening WP. Thyroid cancer - a study of 220 cases Indian Journal of Cancer 1980;17:11-18
- 13. **Osborne MP**. The detection of lymphatic metastases in breast cancer Master of Surgery Thesis, University of London, 1980
- Osborne MP, Richardson VJ, Jeyasingh K, Ryman BE. Potential applications of radionuclide-labeled liposomes in the detection of the lymphatic spread of cancer International Journal of Nuclear Medicine, Biology and Physics 1982;9:47-51
- 15. **Osborne MP**, Griffiths JD, Shaw HJ. Colon-transposition in the management of upper gastrointestinal cancer Cancer 1982;50:257-264
- Freeman JL, Brondbo K, Osborne MP, Novek AM, Shaw HJ, Rubin A, Chapnick JS. Greater momentum used for carotid cover after pharyngolaryngoesophagectomy and gastric "pull-up" or colonic "swing" Archives of Otolaryngology 1982;108:685-687
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- Fracchia AA, Cody HS, Eisenberg BL, Osborne MP, Owens JC, Weingrad DN, Caron AS, Urmacher C, Bretsky S.
   Stage II carcinoma of the breast: The importance of adequate local therapy Breast 1983;9:23-29
- 21. **Osborne MP**, Ormiston N, Harmer CL, McKinna JA, Baker J, Greening WP. Breast conservation in the treatment of early breast cancer: A 20-year follow-up Cancer 1984;53:349-355
- 22. Petrek JA, Dukoff R, Crowe J, **Osborne MP**, Kinne DW. Pregnancy-associated breast cancer Surgical Forum 1986;38:478-480

- 23. Axelrod DM, Bockman RS, Wong GY, **Osborne MP**, Kinne DW, Brennan MF. Distinguishing features of primary hyperparathyroidism in patients with breast cancer. Cancer 1987;60:160-1624
- McCormick B, Kinne D, Petrek J, Osborne MP, Cox L, Shank B, Hellman S, Yahalom J, Rosen PP.
   Limited resection for breast cancer: A study of inked specimen margins before radiotherapy International Journal of Radiation Oncology, Biology, Physics 1987;13:1667-1671
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- McCormick B, Wesson MF, Cox L, Osborne MP, Petrek JA, Kinne DW. Iridium-192 implants for primary breast cancer: Experience with placement at the time of wide local excision International Journal of Radiation Oncology, Biology and Physics 1988;15:745-748
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- Telang NT, Bradlow HL, Kurihara H, Osborne MP. In vitro biotransformation of estradiol by explant cultures of murine mammary tissues Breast Cancer Research and Treatment 1989;13:173-181
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## **Lectures and Presentations**

4/3/91	National Consortium of Breast Centers – Knoxville, TN Keynote Speaker The identification, management and strategies for prevention of women at increased risk for breast cancer: the role of the breast center.
3/12/92	NewYork Hospital – Cornell Medical Center – New York, NY Public Service Seminar What every woman should know about breast cancer.
4/29/92	National Council of Women of the United States, Inc. – New York, NY Prevention and early detection of breast cancer.
5/14-15/92	European School of Oncology – Memorial Sloan-Kettering Cancer Center –New York, NY Postgraduate Course: Conservative Treatment in Breast Cancer Management of local recurrence.
6/24-26/92	Cancer Micrometastases: Biology, Methodology, and Clinical Significance – NCI, Bethesda, MD Early clinical experience with breast cancer. General methodological aspects: sensitivity.
9/09/92	North Shore University Hospital – Manhasset, NY Grand Rounds Lecture Breast cancer micrometastases in bone marrow: a predictor of early relapse.
10/8-9/92	Inštitút pre d'alšle vzdelávanie pacovníkov v zdravotníctve v Bratislave Bratislava, Slovakia Overview of risk factors for breast cancer and screening. Current techniques of breast conservation, management of local recurrence and prevention of metastasis.
11/30/92	New York Roentgen Society – New York, NY Surgical management of carcinoma in-situ.
12/8-10/92	15 <sup>th</sup> Annual San Antonio Breast Cancer Symposium – San Antonio, TX Immunofluorescent monoclonal antibody detection of breast cancer, bone marrow micrometastases in patients with unilateral invasive breast cancer: distribution by TNM Stage.
2/7-15/93	Kurume University and Keio University Hospital, Japan - Zen-Yaku Pharmaceutical Co. Ltd., The estrogen metabolite 16-alpha- hydroxyestrone: an initiator/promoter of breast cancer? Bone marrow micrometastasis detected by monoclonal antibodies predict the early relapse of breast cancer.

2/15–18/93	Kwong Wah Hospital - Department of Surgery - Hong Kong New approaches to breast cancer induction and detection of occult metastasis.
2/27/93	New York Metropolitan Breast Cancer Group, 20 <sup>th</sup> Annual Breast Cancer Symposium - New York, NY The NSABP Trials.
4/30/93	American College of Surgeons – Hershey, PA A comparison of the results with different modalities of treatment in Stage I & II breast cancer. Management of nipple discharge. Management of recurrent local disease after breast preserving procedures.
5/6/93	New York Roentgen Society – New York, NY Surgical management of advanced breast cancer.
5/6-7/93	European School of Oncology – Memorial Sloan-Kettering Cancer Center, New York, NY Postgraduate course: Controversies in Breast Cancer The biological basis of local-regional treatment options.
9/29/93	American Cancer Society – Rockefeller University, New York, NY - Cancer Prevention and Early Detection: Practice Perspectives, Controversies and Future Directions Controversies in breast cancer prevention.
10/2-5/93	New York Clinical Society-New York, NY Breast cancer: The history of surgical oncology.
10/4-8/93	European School of Oncology – Orta San Giulio, Italy Breast Cancer Co-Chairperson. The importance of local regional treatment in the natural history of breast cancer. Round table: Premalignant lesions, in-situ breast carcinoma: Biological behavior and management. Risk factors and management of breast recurrences after conservative treatment.
10/10-15/93	American College of Surgeons Annual Meeting – San Francisco, CA Proliferative breast disease and cancer risk.
10/31-11/8/9	3Argentine Society of Mastology Postgraduate Course: Buenos Aires, Argentina Keynote Lecture Chemoprevention in breast cancer. Identification and management of women at risk for breast cancer. Epidemiology in breast pathology. An overview of the biological basis of breast cancer treatment. Current indications of mastectomy.
11/18-19/93	British Association of Cancer Research/British Association of Surgical Oncology Science Forum – London, UK Modulators of mammary epithelial growth and transformation.

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11/30/93	3 <sup>rd</sup> Annual Solid Tumor Symposium – New York Medical College/Westchester County Medical Center, Valhalla, NY Bone marrow micrometastases: A predictor of breast cancer recurrence?
3/9/94	New York Hospital/Cornell Medical Center – Division of Plastic Surgery New York, NY Mastectomy and breast surgery.
3/9/94	New York Surgical Society – New York, NY Discussant Ultrasound-guided fine needle aspiration cytology – early experience with a new and logical approach.
4/5/94	Hackensack University Medical Center – Department of Surgery - Hackensack, NJ Bone marrow micrometastases in breast cancer as a predictor of early relapse.
4/11/94	MedCom Systems, Inc. National Teleconference "Advances in Screening, Diagnosis, and Treatment of Breast Cancer" - Philadelphia, PA Breast cancer surgical treatment.
5/8-12/94	<ul> <li>8<sup>th</sup> International Congress on Senology (Breast Diseases) of The Senologic International Society (SIS) – Rio de Janeiro, Brazil</li> <li>Primary Prevention in Breast Cancer: Diet and nutritional factors.</li> <li>Breast Cancer Therapy: Discussant.</li> <li>Epidemiology of Breast Cancer: Identification and management of women at increased risk.</li> <li>Local Recurrences: Contralateral breast approach.</li> <li>Controversies in Breast Cancer Treatment: Biological basis for breast cancer treatment options.</li> </ul>
10/1/94	New York Hospital/Cornell Medical Center Frontiers in oncology- hematology New York, NY Breast cancer.
10/3-5/94	European School of Oncology, Milan, Italy - Advanced Course: Breast Cancer Co-Chairperson. The importance of local regional treatment on the natural history of breast cancer. Risk factors and management of breast recurrences.
10/12/94	80 <sup>th</sup> Annual Clinical Congress American College of Surgeons, Chicago, IL Postgraduate Course: Breast Surgery Breast conservation: predictors and management of local recurrence.
10/25/94	Lenox Hill Hospital – Department of Surgery Grand Rounds - New York, NY Breast cancer risk: management and psychological issues.
11/16/94	Brown University Medical College/Rhode Island Hospital - Department of Surgery Grand Rounds – Providence, RI Bone marrow micrometastases: a predictor of systemic disease.

- 12/15/94 3<sup>rd</sup> Annual Cyril S. Arvanitis Lectureship Program Monmouth Surgical Society Long Branch, NJ Breast cancer: past, present and future.
- 1/29-2/3/95 20<sup>th</sup> Annual Post-Graduate Course: New York Hospital/Cornell University Medical College, Aruba - Diagnostic Imaging – Current Status in Selected Topics with Treatment Commentaries Breast conserving surgery and radiation therapy. Identification and management of women at enhanced risk for breast cancer. Biological basis of breast cancer treatment options.
- 2/24-25/95 17<sup>th</sup> Annual Oncology Update: New Diagnostic Treatments and Techniques for Cancer and Treatment of Early Diagnosed Cancer – Miami, FL
   The identification and management of patient at increased risk for breast cancer. Detection of bone marrow micrometastases: A new prognostic variable.
- 3/10-11/95 American Society of Breast Disease Annual Meeting, New York Metropolitan Breast Cancer Group & Memorial Sloan-Kettering Cancer Center New York, NY Dilemmas in surgery and radiation therapy.
- 4/1-6/95 E. Majorana Centre for Scientific Culture, International School of Pharmacology, Erice, Sicily Propedeutics to Cancer Management – Co-Chairman of Session Hormonal interventions in breast cancer: Past, present and future.
- 5/20-23/95 American Society of Clinical Oncology Los Angeles, CA Abstract Discussion Leader. High dose therapy.
- 6/1/95 Maimonides Medical Center Surgical Oncology Grand Rounds Brooklyn, NY Bone marrow micrometastases.
- 9/26/95 North Shore University Hospital, Oncology Conference Manhasset, NY Identification and management of women at risk for breast cancer in the era of molecular genetics.
- 11/8/95 New York Hospital/Cornell Medical Center Division of Plastic Surgery Grand Rounds New York, NY Breast cancer.
- 2/23/96 Mount Sinai Medical Center Division of Neoplastic Diseases Grand Rounds - New York, NY Prognostic and therapeutic implication of occult bone marrow micrometastases.

- 4/16/96 American College of Surgeons Postgraduate Courses: Update on the Treatment of Cancer of the Colon and Breast - – New York, NY Identification and management of women at risk for breast cancer in the era of molecular genetics.
- 6/28-29/96 Hokkaido University Sapporo, Japan Identification and management of women at risk for breast cancer in the era of molecular genetics.
- 10/6-11/96 Breast Disease American College of Surgeons San Francisco, CA Postgraduate Course: Management of the abnormal screening mammogram.
- 10/31/96 Chemotherapy Foundation Symposium Innovative Cancer Therapy for tomorrow – The Division of Neoplastic Diseases/Mount Sinai School of Medicine, New York, NY Prognostic and therapeutic implications of bone marrow micrometastases.
- 12/13/96 1<sup>st</sup> Network New York Hospital/Cornell Medical Center Seminar: Advances in Oncology – New York, NY Breast cancer treatment outcome analysis.
- 2/12/97 United Hospital Mamaroneck, NY Recent progress in breast cancer risk evaluation, prevention, early diagnosis and treatment.
- 1/26-31/97 25<sup>th</sup> Anniversary Diagnostic Radiology Postgraduate Course: The New Wave in Diagnosis and Treatment – Department of Radiology, Cornell University Medical College & the New York Hospital, Puerto Rico Special Lecture: Halsted: Personal tragedy to professional triumph Breast cancer biology: Indications for treatment Identification and management of women at risk for breast cancer in the molecular era Precursor lesions for breast carcinoma: Diagnosis and treatment.
- 2/25/97 New York Methodist Hospital Surgical Grand Rounds Brooklyn, NY Bone marrow in breast cancer prognostic and therapeutic implications.
- 3/6-8/97 14<sup>th</sup> Annual Miami Breast Cancer Conference Miami, FL Halsted: Personal tragedy to professional triumph.
- 10/31-11/4/97US Army Medical Research and Material Command's 1997 Meeting: DOD Breast Cancer Research Program: "An Era of Hope" Department of Defense, Washington, DC Identification of primary tumor markers in occult bone marrow micrometastases.
- 12/12/97 2<sup>nd</sup> Annual Seminar on Advances in Oncology Breast Cancer Management Today and Tomorrow – New York Hospital/Cornell Medical Center, New York, NY New perspectives in the management of breast cancer.
- 6/19/98 Surgery Update 1998 New York Hospital/Cornell Medical Center, New York, NY Halsted in New York: An historic view.

- 6/10-12/98 Schweitzer Seminar on Cancer Prague, Czech Republic Epidemiology, prevention and early detection of breast cancer.
- 9/10/98 Emerging Strategies for Cancer Therapy in the New Millennium New York Methodist Hospital, Brooklyn, NY Selective axillary lymph node dissection: The role of sentinel node biopsy.
- 10/7/98 The Latest News about Breast Cancer Prevention, Diagnosis and Treatment New York Hospital/Cornell Medical Center & Strang Cancer Prevention Center, New York, NY Prevention strategies.
- 10/25-30/98 American College of Surgeons Annual Meeting, Orlando, FL Breast Disease Postgraduate Course: Who doesn't need adjuvant chemotherapy: The role of novel prognostic markers?
- 11/21-22/98 1<sup>st</sup> Roche International Symposium on Cancer Research Kyoto, Japan Chemoprevention of breast cancer.
- 12/9-11/98 15<sup>th</sup> Annual Controversies, Problems and Techniques in Surgery Albert Einstein College of Medicine, Montefiore Medical Center, New York, NY Controversy: Axillary dissection in early stage breast cancer: To do or not to do?: Selective management of the regional nodes Problems in breast surgery: Identification of increased risk of breast cancer and strategies for prevention. Panel Discussant.
- 5/12/99 Public Education Meeting SHARE Program/Lord & Taylor, New York NY New frontiers: Nutritional and pharmacological means to reduce risk of breast cancer.
- 6/16-18/99 63<sup>rd</sup> Annual Course in Advances in Breast, Endocrine and Cancer Surgery University of Minnesota, Minneapolis, MN Risk factors in breast cancer and the role of genetics. Are biological markers of significant practical value in breast cancer? Panelist.
- 3/2-4/00 17<sup>th</sup> Annual Miami Breast Cancer Conference Miami, FL Moderator of special session on sentinel nodes Overview of breast cancer prevention.
   Value of prognostic markers including the role of bone marrow micrometastases.
   Pitfalls in the management of breast cancer: A medical/legal perspective.
   Umberto Veronesi: A man for all seasons.
- 4/14-15/00 Annual Meeting American Society of Breast Surgeons Charleston, SC Chemoprevention in the management of high-risk patients Medical-legal aspects of breast cancer treatment. Micrometastatic cancer in bone marrow – a predictor of prognosis.

5/2/00	Hackensack University Medical Center Surgical Grand Rounds Hackensack, NJ Preventing breast cancer.
5/14-18/00	IX International Congress of Senology, – Cancun, Mexico Keynote Lecture – Women at High Risk for Breast Cancer: Identification and Management Axillary dissection Cancer prevention. Bone marrow micrometastases: A prognostic factor for breast cancer?
6/10/00	Breast Imaging Seminar New York Roentgen Society, New York, NY Breast cancer treatment today: Surgery, radiation and chemotherapy.
6/14-16/00	2 <sup>nd</sup> Milan Breast Cancer Conference - Milan, Italy The role of the internet. Satellite Symposium on Breast Cancer and the Media: A Challenge for Doctors and Nurses
10/19/00	Irish Traveling Surgeons – NewYork-Presbyterian Hospital/NY Weill Cornell Center/Weill Medical College of Cornell University, New York, NY Chemoprevention of breast cancer.
10/21/00	Cornell Medical Center Alumni Symposium: Women's Health in the New Millennium – Weill Medical College of Cornell University, New York, NY (Substitute speaker for Antonio Novella, MD. New York State Health Commissioner) Opening remarks.
10/23/00	42 <sup>nd</sup> Annual Meeting of the American Society for Therapeutic Radiology and Oncology Boston, MA Breast cancer case management panel in early stage invasive breast cancer (AJCC
2/15/01	Stages III) and duct carcinoma in-situ (Stage 0). Cancer & Fertility: The Latest Options – Resolve NYC, New York, NY Panelist.
3/16/01	Royal College of Surgeons of England – NewYork Weill Cornell Center, New York, NY The surgeon in the breast cancer patient's journey.
3/21/01	Department of Radiation Oncology Grand Rounds New York Methodist Hospital Brooklyn, NY Identification and management of women at increased risk of breast cancer.
3/24-28/01	American Association for Cancer Research, New Orleans, LA - Progress and New Hope in the Fight against Cancer: A Public Forum Highlighting the Latest Discoveries: Ask the Experts – Breast cancer: Early detection of metastases.

4/27/01	Cancer Genetics & Genomics – Weill Medical College, New York, NY Hereditary breast cancer. The individual at risk: A case study. Gene testing and the surrounding issues. Using the knowledge: Follow-up and patient care.
4/27-29/01	25 <sup>th</sup> Annual Meeting of the American Society of Breast Disease New York, NY Micrometastases' prognostic and therapeutic implications. Moderator.
4/30/01	New York Clinical Society New York, NY The Hunters: Brother Surgeons.
5/17/01	New York Hospital/Cornell Medical Center Department of Surgery Grand Rounds – New York, NY Bone marrow micrometastases.
6/13-15/01	3 <sup>rd</sup> Milan Breast Cancer Conference – Milan, Italy Bone marrow micrometastases.
10/14/01	7 <sup>th</sup> Annual Breast Cancer Awareness Day SASS Foundation, Huntington, NY Eileen Dryer Memorial Lecture – Keynote Speaker. Advancements in the management of breast cancer.
12/5-7/01	18 <sup>th</sup> Annual Controversies, Problems and Techniques in Surgery – Albert Einstein College of Medicine/Montefiore Medical Center, New York, NY Bone marrow micrometastases: Diagnosis at surgery. Role of tamoxifen as adjuvant therapy and chemoprevention. Panelist.
2/14-16/02	International Society for Cancer Chemoprevention, Tumor Prevention and Genetics 2002 St Gallen, Switzerland Secondary prevention of breast cancer: The mammography controversy. Moderator.
3/3-5/02	Lung Screening Seminar, Paris, France Speaker and Workshop Chair. Principal measure of breast cancer screening's usefulness.
4/26/02	Weill Medical College, Cancer Genetics and Cancer Genomics New York, NY Hereditary breast cancer. Case study: The individual at risk and family issues. Gene testing and the surrounding issues. Sporadic breast cancer. Management of node negative breast cancer.

- 4/28/02 American Society of Breast Surgeons, 3<sup>rd</sup> Annual Scientific Meeting, Boston, MA Clinical significance of circulating tumor cells Bone marrow micrometastases.
- 5/18-21/02 American Society of Clinical Oncology Orlando, FL Poster Session.
   Breast cancer bone marrow micrometastases: A long-term prognostic study of systemic tumor cell burden in relapse.
- 5/30/02 New York Hospital/Cornell Medical Center, Department of Surgery Grand Rounds, New York, NY Anatomy of a surgical malpractice trial.
- 10/6-10/02 American College of Surgeons Clinical Congress Postgraduate Course #30 A Surgeon's Personal Guide to Risk management and Trial Participation - - San Francisco, CA Mock trial: Summary of the facts. Defendant.
- 10/14-18/02 Frontiers in Cancer Prevention Research: Genetics, Risk Modeling, Molecular Targets for Chemoprevention, Behavioral Prevention Research, Clinical Prevention Trials, Science and Public Policy – American Association for Cancer Research Boston, MA Chairperson Symposium: The role of prophylactic surgery in cancer prevention.
- 10/17/02 The National Council on Women's Health Making Decisions About Hormone Level Replacement Therapy? Ask the Experts – UN Plaza, New York, NY Panelist.
- 11/11/02 Breast Cancer Orientation Course in Cooperation with the Brazilian Society of Mastology – Memorial Sloan-Kettering Cancer Center, New York, NY Prognostic significance of bone marrow micrometastases. Discussion and case presentation on a case of sentinel lymph node metastases.
- 3/5 3/9/03 Society of Surgical Oncology Cancer Symposium Meet the Professor Los Angeles, CA
   Early stage breast cancer: Are nodal and bone marrow micrometastases important?
- 3/25/03 New York Medical College, Department of Surgery Grand Rounds, Valhalla, NY New developments in breast cancer research and management.
- 4/29/03 New York Methodist Hospital, Department of Surgery Grand Rounds Brooklyn, NY Breast cancer: Current update and future trends
- 6/11-6/13/03 67<sup>th</sup> Annual Course in Advances in Breast, Endocrine and Cancer Surgery, University of Minnesota, Minneapolis, MN Care of Women with BRCA I or BRCA II mutations Antiestrogen trials in prevention of breast cancer

- 10/23/03 Breast Cancer and the Environment at the Carriage House New York, NY The prevention of breast cancer: History, screening and nutrition
- 12/3-12/6/03 San Antonio Breast Cancer Symposium, San Antonio, TX Bone marrow micrometastasis is a significant predictor of long-term relapse-free survival for breast cancer by a non-proportional hazards model.
- 3/16-3/20/04 4<sup>th</sup> European Breast Cancer Conference, Hamburg, Germany Micrometastases in bone marrow
- 5/12-5/16/04 Catholic University of Rome Department of Surgical Sciences in cooperation with Komen Foundation, Rome, Italy Guidelines for the management of women at increased risk of breast cancer
- 11/14/04 School of Breast Oncology, Keynote address. Historical perspective of breast cancer. Atlanta, GA
- 11/19-20/04 The 4<sup>th</sup> International Symposium on Cancer Research and Therapy. Tokyo, Japan Cancer chemoprevention for breast cancer
- 5/10/05 Hackensack University Medical Center Department of Surgery Grand Rounds Hackensack, NJ Breast cancer update
- 10/24/05 New York Clinical Society New York, NY Breast cancer: Hieroglyphics to Herceptin
- 02/16-18/06 4<sup>th</sup> International Conference Cancer Prevention 2006 University of St. Gallen, Switzerland Advances in Molecular and Clinical Aspects of Cancer Prevention. Discussant
- 04/05/06 The Philadelphia Academy of Surgery Conjoint Meeting with the New York Surgical Society Philadelphia, Pennsylvania Correlation of positive peripheral blood and bone marrow aspirates with genomic assay for high risk of recurrence in breast cancer Discussant
- 05/11/06 Weill Cornell Breast Center's Eighth Annual Symposium on the Latest News About Breast Cancer New York, NY Breast surgery: Less is more

05/24/06	St. Luke's-Roosevelt Hospital Department of Surgery Grand Rounds New York, NY William Stewart Halsted, MD
09/06-10/06	The Halsted Society 80th Annual Meeting Charleston, SC Halsted's contribution to charting vital signs at the New York Hospital
01/25/07	Long Island Jewish Medical Center Department of Surgery Grand Rounds New York, NY Breast cancer: Less is more
02/07/07	New York Surgical Society New York, NY Sentinel node positivity rates with and without frozen section for breast cancer
03/20/07	New York Methodist Hospital, Department of Surgery Grand Rounds Brooklyn, NY Breast cancer: Targeted treatment
04/12-14/07	Thirty-Sixth Annual Post Graduate Course in Surgery – Department of Surgery Medical University of South Carolina Charleston, SC Current concepts in breast cancer: Less is more Closing the barn door after horse has bolted: Mastectomy in patients with stage IV cancer
12/06/07	Twenty Fourth Annual Controversies, Problems and Techniques in Surgery Albert Einstein College of Medicine / Montefiore Medical Center New York NY What to do when ADH, ALH, LCIS and papillary lesions are found on core biopsies? What is an adequate margin and how is it achieved?
3/25/08	Grand Rounds Department of Medicine, Beth Israel Medical Center, New York Breast Cancer Treatment: Less is more
6/20/08	Grand Rounds Department of Radiation Oncology, Continuum Cancer Centers of New York Breast Cancer: Hieroglyphics to Herceptin
10/28/08	Grand Rounds Department of Surgery, New York Methodist Hospital, New York Breast Cancer: Hieroglyphics to Herceptin
12/11/09	Twenty Sixth Annual Controversies, Problems and Techniques in Surgery Albert Einstein College of Medicine / Montefiore Medical Center New York NY
	Management of Atypical Ductal Hyperplasia, Atypical Lobular Hyperplasia, Papillary Lesions and LCIS on Stereotactic Biopsy: Management Options
	Prophylactic Mastectomy: Indications and Outcomes

- 4/22/10 The Venet Lecture. Beth Israel Medical Center, New York NY Five Thousand Years of Breast Cancer Treatment
- 5/18/10 Management of Breast Diseases 2010, Course director, Continuum Cancer Centers of New York, New York
- 6/14/13 Cancer Follow-up for Primary Care Physicians, Course Director, Beth Israel Medical Center, New York