

# CURRICULUM VITAE

**Giuseppe Sanguineti, M.D.**

## DEMOGRAPHIC INFORMATION

**Current Appointment:** Chair, Department of Radiation Oncology, Istituto Tumori Regina Elena, Rome, Italy

### Personal Data:

Date of birth:

Place of birth:

Home address:

Business address:

U.O.C. di Radioterapia, Via Elio Chianesi 53, 00144 Roma, Italy

Phone # +39 06 5266 3010/4680

E-mails: giuseppe.sanguineti@ifo.gov.it;

Citizenship:

### Education and Training:

B.S.	Oct 1977– July 82	Liceo Scientifico "Istituto Arecco", Genoa, Italy
M.D.	Oct 1982– Nov 88	University of Genoa Medical School, Genoa, Italy
Internship	Nov 1988–Oct 89	University of Genoa, Italy
Residency #1	Nov 1989–Oct 93	Radiation Oncology, University of Genoa, Italy
Fellowship	July 1994– June 95	Department of Radiation Therapy, M.D. Anderson Cancer Center, Houston, Texas, U.S.A.
Residency #2	Nov 1993– June 94	
	July 1995– Oct 97	Clinical Oncology, University of Genoa, Italy

### Professional Experience:

Assistant Professor	Jan 1990–Jan 1996	Dept of Radiation Oncology, National Institute for Cancer Research, Genoa, Italy
Associate Professor	Feb 1997–Jan 2002	Dept of Radiation Oncology, National Institute for Cancer Research, Genoa, Italy
Consulting Physician	Jan 1994–Oct 1998	Dept of Radiology, Hospital of Sanremo (IM), Italy
Associate Professor	Jan 2002–July 2007	Dept of Radiation Oncology, University of Texas Medical Branch, Galveston, TX
Associate Professor	Aug 2007– May 2011	Dept of Radiation Oncology & Molecular Radiation Sciences, The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD
Chair	June 2011 – Oct 2013	Department of Radiotherapy, Ospedale Sacro Cuore, Negrar (VR)
Chair	Oct 2013–date	Department of Radiation Oncology, Istituto Tumori Regina Elena, Rome

## RESEARCH ACTIVITIES

### Publications

#### Peer-reviewed original research articles

1. Merlano M., Vitale V., Rosso R., Benasso M., Corvo' R., Cavallari M., Sanguineti G., Bacigalupo A., Badellino F., Margarino G., Brema F., Pastorino G., Marziano C., Grimaldi A., Scasso F., Sperati G., Pallestrini E., Garaventa G., Accomando E., Cordone C., Comella C., Daponte A., Rubagotti A., Bruzzi P., Santi L.: Treatment of advanced squamous cell carcinoma of the head and neck with alternating chemotherapy and radiotherapy. *New Engl J Med* 327: 1115-1121, 1992
2. G. Sanguineti, F. B. Geara, A.S. Garden, S.L. Tucker, K.K. Ang, W.H. Morrison, L.J. Peters: Carcinoma of the nasopharynx treated by radiotherapy alone: determinants of local and regional control. *Int. J. Radiation Oncology Biol. Phys.* Vol. 37, N. 5: 985-996, 1997
3. F.B. Geara, B.S. Glisson, G.Sanguineti, S.L. Tucker, A.S. Garden, K.K. Ang, S.M. Lippman, G.L. Clayman, H. Goepfert, L.J. Peters, W.K. Hong: Induction chemotherapy followed by radiotherapy versus radiotherapy alone in patients with advanced nasopharyngeal carcinoma. Results of a matched cohort study. *Cancer* 79 (7):1279-1286, 1997
4. F.B. Geara, G. Sanguineti, S.L. Tucker, A.S.Garden,K.K. Ang, W.H. Morrison, L. J. Peters: Carcinoma of the nasopharynx treated by radiotherapy alone: determinants of distant metastasis and survival. *Radiotherapy & Oncology* 43:53-61, 1997
5. Sanguineti G, Corvò R, Vitale V, Lionetto R, Foppiano F. Post-operative radiotherapy for head and neck squamous cell carcinomas: feasibility of a biphasic accelerated treatment schedule. *Int J Rad Oncol Biol Phys* 36:1147-1153, 1996
6. Benasso M, Bonelli L, Numico G, Corvo R, Sanguineti G, Rosso R, Vitale V, Merlano M. Treatment with cisplatin and fluorouracil alternating with radiation favourably affects prognosis of inoperable squamous cell carcinoma of the head and neck: results of a multivariate analysis on 273 patients. *Annals of Oncology* 8: 773-779, 1997
7. Corvò R, Giaretti W, Sanguineti G, Geido E, Bacigalupo A, Orecchia R, Benasso M, Numico GM, Merlano M, Margarino G, Vitale V. Chemotherapy as an alternative to radiotherapy alone in fast proliferating head and neck squamous cell carcinomas. *Clin Cancer Res* 3:1993-1997, 1997
8. Corvo R, Giaretti W, Geido E, Sanguineti G, Orecchia R, Scala M, Garaventa G, Mora E, Vitale V. Cell kinetics and tumor regression during radiotherapy in head and neck squamous cell carcinomas. *Int J Cancer* 68:151-155, 1996
9. G Sanguineti, R Corvo', M Benasso, G Margarino, MP Sormani, F Roncallo, P Mereu, A Bacigalupo, V Vitale. Management of the neck after alternating chemoradiotherapy for advanced head and neck cancer. *Head & Neck* 1999 May;21(3):223-8
10. G Sanguineti, R Corvò, MP Sormani, M Benasso, G Numico, A Bacigalupo, R Rosso, V Vitale. Chemotherapy Alternated with Radiotherapy in the Treatment of Advanced Head and Neck Carcinoma: Predictive Factors of Outcome. *Int J Radiat Oncol Biol Phys* 1999 Apr 1;44(1):139-47
11. Spriano G, Antognoni P, Sanguineti G, Sormani M, Richetti A, Ameli F, Piantanida R, Luraghi R, Magli A, Corvo R, Tordiglione M, Vitale V. Laryngeal long-term morbidity after supraglottic laryngectomy and postoperative radiation therapy. *Am J Otolaryngol* 2000 Jan-Feb;21(1):14-21
12. Corvo R, Paoli G, Giaretti W, Sanguineti G, Geido E, Benasso M, Margarino G, Vitale V. Evidence of cell kinetics as predictive factor of response to radiotherapy alone or chemoradiotherapy in patients with advanced head and neck cancer. *Int J Radiat Oncol Biol Phys* 47(1): 47-63, 2000
13. M Benasso, Sanguineti G, I Ricci, M D'Amico, GM Numico, R Corvò, V Vitale, R Rosso. Induction chemotherapy followed by alternating chemotherapy in advanced nasopharyngeal carcinoma. *Br J Cancer* 83(11): 1437-1442, 2000
14. Sanguineti G, Del Mastro L, Guenzi M, Ricci P, Cavallari M, Canavese G, Venturini M. Impact of chemotherapy dose-density on radiotherapy dose-intensity after breast conserving surgery. *Ann Oncol.* 2001 Mar;12(3):373-8.
15. Fiorino C, Valvassori V, Sanguineti G, Bianchi C, Cattaneo GM, Piazzola A, Cozzarini C. Impact of inter-institute variability in rectum contouring on 3D treatment planning dose/volume information. *Radiotherapy and Oncology* 63(3):249-55, 2002
16. Corvò R, Benasso M, Sanguineti G, Ricci I, Merlano M, Rosso R, Vitale V. Alternating chemoradiotherapy versus partly accelerated radiotherapy: results from a phase III study. *Cancer* 2001;92:2856-67
17. Sanguineti G, Agostinelli S, Foppiano F, Franzone P, Garelli S, Marcenaro M, Orsatti M, Vitale V. Adjuvant androgen deprivation impacts late rectal toxicity after conformal radiotherapy of prostate carcinoma. *Br J Cancer* 2002 ; 86(12):1843-7.
18. Fiorino C., Cozzarini C, Vavassori V, Sanguineti G, Bianchi C., Cattaneo G.M., Foppiano F, Magli A., Piazzolla A. Significant correlation between DVH and late rectal bleeding after radiotherapy for prostate cancer: analysis of a large group of patients pooled from three institutions. *Radiotherapy and Oncology* 2002, 64(1):1;



19. Sanguineti G, Franzone P, Culp L, Marcenaro M, Barra S, Colman M, Vitale V. Radiotherapy after prostatectomy. *Tumori* 2002;88(6):445-52
20. G. Sanguineti, M. Marcenaro, P. Franzone, F. Foppiano, V Vitale. Neoadjuvant Androgen Deprivation And Prostate Gland Shrinkage During Conformal Radiotherapy. *Radiotherapy and Oncology* 2003;66(2):151-7
21. Sanguineti G, Marcenaro M, Franzone P, Tognoni P, Barra S, Vitale V. Is there a `curative` role of radiotherapy for clinically localized hormone refractory prostate cancer? *Am J Clin Oncol* 2004 Jun;27(3):264-8.
22. G Sanguineti, P Franzone, M Marcenaro, F Foppiano, V Vitale. Sucralfate versus Mesalazine versus Hydrocortisone in the Prevention of Acute Radiation Proctitis during Conformal Radiotherapy for Prostate Carcinoma: a Randomized Study, *Strahlenther Onkol* 2003; 179(7):464-70
23. C Fiorino, G Sanguineti, C Cozzarini, G Fellin, F Foppiano, L Menegotti, A Piazzolla, V Vavassori, R Valdagni. Rectal dose-volume constraints in high-dose radiotherapy of localized prostate cancer. *Int J Radiat Oncol Biol Phys* 2003; 57(4): 953-62
24. Benasso M, Corvo R, Ponzanelli A, Sanguineti G, Ricci I, Pallestrini E, Santelli A, Vitale V, Rosso R. Alternating gemcitabine and cisplatin with gemcitabine and radiation in stage IV squamous cell carcinoma of the head and neck. *Ann Oncol.* 2004 Apr;15(4):646-52
25. Sanguineti G, Culp LR, Endres EJ, Bayouth JE. Are neck nodal volumes drawn on CT slices covered by standard three-field technique? *Int J Radiat Oncol Biol Phys.* 2004;59(3):725-42.
26. T. Rancati, C. Fiorino, G. Gagliardi, G.M. Cattaneo, G. Sanguineti, V. Casanova Borca, C. Cozzarini, G. Fellin, F. Foppiano, G. Girelli, L. Menegotti, A. Piazzolla, V. Vavassori, R. Valdagni. Fitting late rectal bleeding data using different NTCP models: results from an Italian multicentric study (AIROPROS0101). *Radiotherapy & Oncology* 2004 Oct;73(1):21-32
27. G Sanguineti, P Castellone, F Foppiano, P Franzone, M Marcenaro, P Tognoni, A Bolognesi, G Luca Ceresoli, C Fiorino. ANATOMICAL VARIATIONS DUE TO RADICAL PROSTATECTOMY: IMPACT ON TARGET VOLUME DEFINITION AND DOSE-VOLUME PARAMETERS OF RECTUM AND BLADDER. *Strahlentherapie und Onkologie* 2004;180(9):563-72
28. G Sanguineti, A Richetti, M Bignardi, R Corvo', P Gabriele, MP Sormani, P Antognoni. Accelerated Versus Conventional Fractionated Postoperative Radiotherapy for Advanced Head and Neck Cancer: Results of a Multicenter Phase III Study. *Int J Radiat Oncol Biol Phys.* 2005; 61(3):762-771
29. Fiorino C, Foppiano F, Franzone P, Broggi S, Castellone P, Marcenaro M, Calandrino R, Sanguineti G. Rectal and bladder motion during conformal radiotherapy after radical prostatectomy. *Radiother Oncol.* 2005 Feb;74(2):187-95.
30. Cavey ML, Bayouth JE, Colman M, Endres EJ, Sanguineti G. IMRT to escalate the dose to the prostate while treating the pelvic nodes. *Strahlenther Onkol.* 2005 Jul;181(7):431-441
31. Sanguineti G; Cavey ML; Endres EJ; Brandon GG; Bayouth, JE. IS IMRT NEEDED TO SPARE THE RECTUM WHEN PELVIC LYMPH NODES ARE PART OF THE INITIAL TREATMENT VOLUME FOR PROSTATE CANCER? *Int J Radiat Oncol Biol Phys* 2006 Jan 1;64(1):151-60
32. Sanguineti G, Cavey ML, Endres EJ, Barra S, Parker BC, Marcenaro M, Colman M, Agostinelli S, Foppiano F, Vitale V. Does treatment of the pelvic nodes with IMRT increase late rectal toxicity over conformal prostate-only radiotherapy to 76 Gy? *Strahlenther Onkol.* 2006 Sep;182(9):543-549.
33. Sanguineti G, Endres E, Gunn B, Parker B. Is there a `mucosa sparing` benefit of IMRT for HN cancer? *Int J Radiat Oncol Biol Phys.* 2006 Nov 1;66(3):931-8.
34. Sanguineti G, Adapala P, Endres E, Brack C, Fiorino C, Sormani MP, Parker B. Dosimetric predictors of laryngeal edema. *Int J Radiat Oncol Biol Phys* 2007;68(3):741-9.
35. Sanguineti G, Endres EJ, Parker BC, Biquart C, Little M, Chen G, Berilgen J. Acute toxicity of whole-pelvis IMRT in 87 patients with localized prostate cancer. *Acta Oncol.* 2008;47(2):301-10.
36. NG Rao, G Sanguineti, G Chaljub, SD Newlands, S Qiu. Neck levels that are negative on initial CT do not need to be dissected after definitive radiation therapy with or without chemotherapy. *Head Neck.* 2008 Aug;30(8):1090-8
37. Sanguineti, G; Gunn, GB; Endres, EJ; Chaljub, G; Cheruvu, P; Parker, B. Patterns of locoregional failure after exclusive IMRT for oropharyngeal carcinoma. *Int J Radiat Oncol Biol Phys.* 2008 Nov 1;72(3):737-46
38. Sanguineti G; Little M; Endres EJ; Sormani MP; Parker B. Comparison of 3 strategies to delineate the bowel for whole pelvis IMRT of prostate cancer. *Radiother Oncol.* 2008 Jul;88(1):95-101.
39. Sanguineti G, Califano J, Stafford E, Fox J, Koch W, Tufano R, Sormani MP, Forastiere A. Defining the Risk of Involvement for Each Neck Nodal Level in Patients With Early T-Stage Node-Positive Oropharyngeal Carcinoma. *Int J Radiat Oncol Biol Phys* 2009 Aug 1;74(5):1356-64.
40. G Sanguineti; EJ Endres; MP Sormani; B Parker. Dosimetric predictors of diarrhea during radiotherapy for prostate cancer. *Strahlenther Onkol.* 2009 Jun;185(6):390-6.
41. A Eisbruch, J Harris, AS Garden, CKS Chao, W Straube, PM Harari, G Sanguineti, CU Jones, WR Bosch, KK Ang. Multi-institutional Trial of Accelerated Hypofractionated Intensity-Modulated Radiation Therapy for Early Stage Oropharyngeal Cancer (RTOG 00-22). *Int J Radiat Oncol Biol Phys.* 2010 Apr;76(5):1333-8



42. Rancati T, Fiorino C, Sanguineti G. NTCP MODELING OF SUBACUTE/LATE LARYNGEAL EDEMA SCORED BY FIBEROPTIC EXAMINATION. *Int J Radiat Oncol Biol Phys*. 2009 Nov 1;75(3):915-23
43. KM Pattani, J Califano, G Sanguineti. Level V involvement in patients with early T-stage, node-positive oropharyngeal carcinoma. *Laryngoscope* 2009 Nov;119(11):2165-9
44. Gunn GB, Endres EJ, Sormani MP, Sanguineti G. A Phase I-II Study of Accelerated Hyperfractionated IMRT Alone for Intermediate T-Stage Oropharyngeal Carcinoma. *Strahlenther Onkol*. 2010 Sep;186(9):489-95
45. Bayouth JE, Pena J, Culp L, Brack C, Sanguineti G Feasibility of IMRT to cover pelvic nodes while escalating the dose to the prostate gland: dosimetric data on 35 consecutive patients. *Med Dosim*. 2008 Autumn;33(3):180-90.
46. Wu B, Ricchetti F, Sanguineti G, Kazhdan M, Simari P, Chuang M, Taylor R, Jacques R, McNutt T. Patient geometry-driven information retrieval for IMRT treatment plan quality control. *Med Phys*. 2009 Dec;36(12):5497-505.
47. Broggi S, Fiorino C, Dell'Oca I, Dinapoli N, Paiusco M, Muraglia A, Maggiulli E, Ricchetti F, Valentini V, Sanguineti G, Cattaneo GM, Di Muzio N, Calandrino R. A two-variable linear model of parotid shrinkage during IMRT for head and neck cancer. *Radiother Oncol*. 2010 Feb;94(2):206-12.
48. Sanguineti G, Gunn GB, Parker BC, Endres EJ, Zeng J, Fiorino C. Weekly Dose-Volume Parameters of Mucosa and Constrictor Muscles Predict the Use of Percutaneous Endoscopic Gastrostomy During Exclusive Intensity-Modulated Radiotherapy for Oropharyngeal Cancer. *Int J Radiat Oncol Biol Phys* 2011 Jan 1;79(1):52-9.
49. F Ricchetti, B Wu, T McNutt, J Wong, A Forastiere, S Marur, H Starmer, G Sanguineti. Volumetric change of selected organs at risk during IMRT for oropharyngeal cancer. *Int J Radiat Oncol Biol Phys*. 2011 May 1;80(1):161-8.
50. S Clemente, B Wu, V Fusco, G Sanguineti, F Ricchetti, J Wong, T McNutt. Smart Arc-based Volumetric Modulated Arc Therapy for Oropharyngeal Cancer: A Dosimetric Comparison with both Intensity Modulated Radiation Therapy and Helical Tomotherapy. *Int J Radiat Oncol Biol* 2011 Jul 15;80(4):1248-55
51. E Tryggestad, M Christian, E Ford, C Kut, Y Le, G Sanguineti, D Song, L Kleinberg. Inter- and intra-fraction patient positioning uncertainties for intra-cranial radiotherapy: a study of four frameless, thermoplastic mask-based immobilization strategies using daily cone-beam CT. *Int J Radiat Oncol Biol* 2011 May 1;80(1):281-90
52. B WU, F RICCHETTI, G SANGUINETI, M KAZHDAN, P SIMARI, R JACQUES, R TAYLOR, T MCNUTT. A DATA-DRIVEN APPROACH TO GENERATING ACHIEVABLE DVH OBJECTIVES IN IMRT TREATMENT PLANNING. *Int J Radiat Oncol Biol Phys*. 2011 Mar 15;79(4):1241-7
53. Pfister DG, Ang KK, Brizel DM, Burtness BA, Cmelak AJ, Colevas AD, Dunphy F, Eisele DW, Gilbert J, Gillison ML, Haddad RI, Haughey BH, Hicks WL Jr, Hitchcock YJ, Kies MS, Lydiat WM, Maghami E, Martins R, McCaffrey T, Mittal BB, Pinto HA, Ridge JA, Samant S, Sanguineti G, Schuller DE, Shah JP, Spencer S, Trotti A 3rd, Weber RS, Wolf GT, Worden F. Head and neck cancers. *J Natl Compr Canc Netw*. 2011;9(6):596-650.
54. Sanguineti G, Sormani MP, Marur S, Gunn GB, Rao N, Cianchetti M, Ricchetti F, McNutt T, Wu B, Forastiere A. Effect of Radiotherapy and Chemotherapy on the Risk of Mucositis during Intensity-Modulated Radiation Therapy for Oropharyngeal Cancer. *Int J Radiat Oncol Biol Phys*. 2012;83(1):235-42
55. Starmer H, Sanguineti G, Marur S, Gourin CG. Multidisciplinary head and neck cancer clinic and adherence with speech pathology. *Laryngoscope*. 2011 Oct;121(10):2131-5.
56. G Sanguineti, R Corvò. Nasopharyngeal carcinoma: state of the art and new perspectives (review). *Oncol Rep* 1999 Mar-Apr;6(2):377-91
57. G Sanguineti, P Bossi, A Pou, L Licitra. Timing of Chemoradiotherapy and Patient Selection for Locally Advanced Nasopharyngeal Carcinoma. *Clin Oncol (R Coll Radiol)*. 2003; 15(8): 451-60 (review).
58. C Fiorino, R Valdagni, T Rancati, G. Sanguineti. DOSE-VOLUME EFFECTS FOR NORMAL TISSUES IN EXTERNAL RADIOTHERAPY: PELVIS. *Radiother Oncol*. 2009 Nov;93(2):153-67. (educational review)
59. Sanguineti G, DeWeese T. Evaluating Advanced Technologies in Radiation Oncology: When and How Should Randomized Trials Be Done? *Oncology (Williston Park)* 2009 Apr 15;23(4):390, 393 (invited commentary)
60. Corvo' R., Giaretti W., Sanguineti G., Geido E., Orecchia R., Barra S., Margarino G., Bacigalupo A., Vitale V.: Potential doubling time in head and neck tumors treated by primary radiotherapy: preliminary evidence for a prognostic significance in local control. *Int J Radiat Biol Phys* 27(5):1165-1172,1993
61. Corvò R, Antognoni P, Sanguineti G. Biological predictors of response to radiotherapy in head and neck cancer: recent advances and emerging perspectives. *Tumori*. 2001 Nov-Dec;87(6):355-63
62. Gourin CG, Forastiere AA, Sanguineti G, Marur S, Koch WM, Bristow RE. Volume-based trends in laryngeal cancer surgery. *Laryngoscope*. 2011 Jan;121(1):77-84.



63. Gourin CG, Forastiere AA, Sanguineti G, Koch WM, Marur S, Bristow RE. Impact of surgeon and hospital volume on short-term outcomes and cost of oropharyngeal cancer surgical care. *Laryngoscope*. 2011 Apr;121(4):746-52
64. Gourin CG, Forastiere AA, Sanguineti G, Marur S, Koch WM, Bristow RE. Impact of surgeon and hospital volume on short-term outcomes and cost of laryngeal cancer surgical care. *Laryngoscope*. 2011 Jan;121(1):85-90.
65. Gourin CG, Forastiere AA, Sanguineti G, Marur S, Koch WM, Bristow RE. Volume-based trends in surgical care of patients with oropharyngeal cancer. *Laryngoscope*. 2011 Apr;121(4):738-45
66. Culp L, Pou A, Jones D, Bayouth J, Sanguineti G. A Case of Radiation Recall Mucositis Associated with Docetaxel. *Head Neck*. 2004 Feb;26(2):197-200
67. Gunn GB, Patel AJ, Gallegos J, Anderson KE, Hatch SS, Sanguineti G. Severe radiation therapy-related soft tissue toxicity in a patient with porphyria cutanea tarda: a case report and literature review. *Head Neck* 2010 Aug;32(8):1112-7. (review)
68. G Sanguineti, F Ricchetti, B Wu, N Agrawal, C Gourin, H Agbahiwe, S Marur, S Clemente, T McNutt, A Forastiere. Volumetric change of HPV-related neck lymph nodes before, during and shortly after IMRT. *Head and Neck* 2012;34(11):1640-7
69. Guenzi M., Sanguineti G., Botto F., Ghiso G., Andreucci L., Vitale V.: A proposal for the treatment technique for the breast and regional lymphnodes in patients with conservatively operated neoplasms. *Radiol Med* 4 (suppl 1):77-80,1990
70. Guenzi M., Scarpati D., Corvo' R., Sanguineti G., Gardin G., Conte P.F., Vitale V.: The role of radiotherapy in the multimodal treatment of locally advanced breast carcinoma. *Radiol Med* 79: 534-9,1990
71. Corvo' R., Scarpati D., Sanguineti G., Vitale V.: The predictability of the radiotherapy response in epidermoid tumors of the head and neck. A review of the literature and mathematical models for choosing the fractionated doses. *Radiol. Med.* 79:520-9,1990
72. Margarino G., Scala M., Schenone G., Mereu P., Corvo' R., Sanguineti G., Giaretti W., Geido E., Orecchia R., Meszaros P., Badellino F.: Cell kinetic analysis and treatment planning in epidermoid tumors of the head and neck. *Acta Otorhinolaryngol Ital* 12:421-33, 1992
73. Sanguineti G, Orsatti M, Sormani MP, Canobbio L, Curotto A, Tognoni P, Giudici S, Franzone P, Boccardo F, Vitale V. Predictive factors for outcome in invasive bladder cancer treated with alternating cheoradiotherapy. *Cancer J Sci Am* 3:213-223, 1997
74. Corvo' R., Giaretti W., Sanguineti G., Geido E., Bacigalupo A., Franzone P., Mereu P., Garaventa G., Barbieri M., Vitale V.: The prognostic role of the parameters of cellular kinetics in head and neck tumors treated solely by radiotherapy. *Radiol Med* 86:135-42,1993
75. Corvo' R., Sanguineti G., Scala M., Garaventa G., Santelli A., Barbieri M., Vitale V.: Primary site as predictive factor of local control in advanced head and neck tumors treated by concomitant boost accelerated radiotherapy. *Tumori* 80:135-138, 1994
76. Sanguineti G., Corvo' R., Frascio F., Vitale V.: Accelerated radiotherapy according to the concomitant boost technique in patients affected by head and neck squamous cell carcinoma. *Radiol Med* 88: 650-656, 1994
77. Sosa M, Sanguineti G. External beam radiotherapy as definitive treatment for prostate cancer. *Minerva Urol Nefrol*. 2003 Dec;55(4):263-275 (invited review)
78. Benasso M., Corvo' R., Numico G., Cavallari M., Blengio F., Sanguineti G., Rosso M., Merlano M. Concomitant administration of two standard regimens of chemotherapy and radiotherapy in advanced squamous carcinoma of the head and neck: a feasibility study. *Anticancer Research* 15:2651-2654, 1995
79. Corvo' R., Giaretti W., Sanguineti G., Geido E., Orecchia R., Guenzi M., Margarino G., Bacigalupo A., Garaventa G., Barbieri M., Vitale V.: In vivo cell kinetics in head and neck squamous cell carcinomas predicts local control and helps guide radiotherapy regimen. *J Clin Oncol* 13: 1843-1850, 1995
80. Sanguineti G, Forastiere AA. Determining the survival benefit of adjuvant radiotherapy in patients with node-positive head and neck cancer. *Nat Clin Pract Oncol*. 2008 Dec;5(12):694-5 (invited commentary).
81. Sanguineti G, M Benasso, R Corvò, M Marcenaro, I Ricci, M D'Amico, F Mora, V Vitale. Lack of a time factor in alternating chemoradiotherapy for advanced head and neck squamous cell carcinoma. *Tumori* 87 (1): 17-21, 2001
82. Sanguineti G, Foppiano F, Marcenaro M, Roncallo F, Corvò R, Ameli F, Vitale V. On the Delineation of the Gross Tumor Volume (GTV) and Clinical Target Volume (CTV) for Head and Neck Squamous Cell Carcinomas. *Tumori* 87(3): 254-259, 2001
83. R. Corvo', G. Sanguineti, V. Vitale, A. Bacigalupo, G. Margarino, M. Benasso, G.M. Numico, W. Giaretti: In vivo cell kinetics in elderly patients affected by squamous cell carcinoma of the head and neck. *Rays*, 22 suppl. n.1, 69-72, 1997
84. Sanguineti G, Sormani MP, Benasso M, Corvo' R, Foppiano F, Ricci I, Marcenaro M, Rosso R, Vitale V. Late local treatment morbidity after accelerated radiotherapy alone or alternating chemoradiotherapy for advanced head and neck carcinoma. *Tumori*. 2002; 88(4):313-20



85. Corvò R, Sanguineti G, Benasso M. Biological and clinical implications for multimodality treatment in patients affected by squamous cell carcinoma of the head and neck. *Tumori* 84: 217-222, 1998
86. Corvo R, Margarino G, Sanguineti G, Geido E, Scala M, Mereu P, Cavallari M, Bonanno S, Garaventa G, Barbieri M, Giaretti W. Cell kinetic analysis in patients affected by squamous cell carcinoma of the head and neck treated with primary surgery and adjuvant radiotherapy. *Tumori* 86: 53-58, 2000
87. Benasso M, Merlano M, Sanguineti G, Corvò R, Numico GM, Ricci I, Pallestrini E, Santelli A, Vitale V, Marchetti G, Rosso R. Gemcitabine, Cisplatin and radiation in advanced unresectable squamous cell carcinoma of the head and neck: a feasibility study. *Am J Clin Oncol* 24:618-622, 2001
88. Busto G, Corvò R, Ricci I, Sanguineti G, Benasso M. New chemoradiotherapy combinations in head and neck cancer. *Expert Rev Anticancer Ther* 2001; 1(1): 111-115
89. Bignardi M, Antognoni P, Sanguineti G, Magli A, Molteni M, Merlotti A, Ricchetti A, Tordiglione M, Conte L, Magno L. Hyperfractionated radiotherapy for T2N0 glottic carcinoma: a retrospective analysis at 10 years follow-up in a series of 60 consecutive patients *Tumori*. 2004;90(3):317-23
90. Wu B, McNutt T, Zahurak M, Simari P, Pang D, Taylor R, Sanguineti G. Fully Automated Simultaneous Integrated Boosted-Intensity Modulated Radiation Therapy Treatment Planning Is Feasible for Head-and-Neck Cancer: A Prospective Clinical Study. *Int J Radiat Oncol Biol Phys*. 2012; 84(5):e647-53
91. Fiorino C, Rizzo G, Scalco E, Broggi S, Belli ML, Dell'oca I, Dinapoli N, Ricchetti F, Rodriguez AM, Di Muzio N, Calandrino R, Sanguineti G, Valentini V, Cattaneo GM. Density variation of parotid glands during IMRT for head-neck cancer: Correlation with treatment and anatomical parameters. *Radiother Oncol*. 2012;104(2):224-9.
92. Russi EG, Corvò R, Merlotti A, Alterio D, Franco P, Pergolizzi S, De Sanctis V, Ruvo Redda MG, Ricardi U, Paiar F, Bonomo P, Merlano MC, Zurlo V, Chiesa F, Sanguineti G, Bernier J. Swallowing dysfunction in head and neck cancer patients treated by radiotherapy: Review and recommendations of the supportive task group of the Italian Association of Radiation Oncology. *Cancer Treat Rev*. 2012; 38(8):1033-49
93. Pfister DG, Ang KK, Brizel DM, Burtness B, Cmelak AJ, Colevas AD, Dunphy F, Eisele DW, Gilbert J, Gillison ML, Haddad RI, Haughey BH, Hicks WL Jr, Hitchcock YJ, Kies MS, Lydiatt WM, Maghami E, Martins R, McCaffrey T, Mittal BB, Pinto HA, Ridge JA, Samant S, Sanguineti G, Schuller DE, Shah JP, Spencer S, Trotti A 3rd, Weber RS, Wolf G, Worden F; National Comprehensive Cancer Network. Mucosal melanoma of the head and neck. *J Natl Compr Canc Netw*. 2012 Mar;10(3):320-38.
94. Sanguineti G, Ricchetti F, Thomas O, Wu B, McNutt T. Pattern and predictors of volumetric change of parotid glands during intensity modulated radiotherapy. *Br J Radiol*. 2013;86(1031):20130363. Epub 2013 Sep 12
95. Sanguineti G, Ricchetti F, McNutt T, Wu B, Fiorino C. Dosimetric Predictors of Dysphonia after Intensity-modulated Radiotherapy for Oropharyngeal Carcinoma. *Clin Oncol (R Coll Radiol)*. 2013 Aug 28.
96. Lin BM, Wang H, D'Souza G, Zhang Z, Fakhry C, Joseph AW, Drake VE, Sanguineti G, Westra WH, Pai SI. Long-term prognosis and risk factors among patients with HPV-associated oropharyngeal squamous cell carcinoma. *Cancer*. 2013 Oct 1;119(19):3462-71.
97. Sanguineti G, Rao N, Gunn B, Ricchetti F, Fiorino C. Predictors of PEG dependence after IMRT±chemotherapy for oropharyngeal cancer. *Radiother Oncol*. 2013;107(3):300-4.
98. Wu B, Pang D, Simari P, Taylor R, Sanguineti G, McNutt T. Using overlap volume histogram and IMRT plan data to guide and automate VMAT planning: a head-and-neck case study. *Med Phys*. 2013;40(2):021714
99. Chan JY, Sanguineti G, Richmon JD, Marur S, Gourin CG, Koch W, Chung CH, Quon H, Bishop JA, Aygun N, Agrawal N. Retrospective review of positron emission tomography with contrast-enhanced computed tomography in the posttreatment setting in human papillomavirus-associated oropharyngeal carcinoma. *Arch Otolaryngol Head Neck Surg*. 2012;138(11):1040-6.
100. Scalco E, Fiorino C, Cattaneo GM, Sanguineti G, Rizzo G. Texture analysis for the assessment of structural changes in parotid glands induced by radiotherapy. *Radiother Oncol*. 2013 Oct 31.
101. Russi EG, Sanguineti G, Chiesa F, Franco P, Succo G, Merlotti A, Ansarin M, Melano A, Alterio D, Pergolizzi S, Buglione M, Reali A, Ricardi U, Corvò R. Is there a role for postoperative radiotherapy following open partial laryngectomy when prognostic factors on the pathological specimen are unfavourable? A survey of head and neck surgical/radiation oncologists. *Acta Otorhinolaryngol Ital*. 2013 Oct;33(5):311-319. Review.
102. Sanguineti G, Pai S, Agbahiwe H, Ricchetti F, Westra W, Sormani MP, Clemente S, Califano J. HPV-related oropharyngeal carcinoma with Overt Level II and/or III metastases at presentation: The risk of subclinical disease in ipsilateral levels IB, IV and V. *Acta Oncol*. 2014 May;53(5):662-8
103. Belli ML, Scalco E, Sanguineti G, Fiorino C, Broggi S, Dinapoli N, Ricchetti F, Valentini V, Rizzo G, Cattaneo GM. Early changes of parotid density and volume predict modifications at the end of therapy and intensity of acute xerostomia. *Strahlenther Onkol*. 2014 Oct;190(11):1001-7



104. Broggi S, Scalco E, Fiorino C, Belli ML, Sanguineti G, Ricchetti F, Dell'Oca I, Dinapoli N, Valentini V, Di Muzio N, Cattaneo GM, Rizzo G. The Shape of Parotid DVH Predicts the Entity of Gland Deformation During IMRT for Head and Neck Cancers. *Technol Cancer Res Treat*. 2014 Jun 16.
105. Pellini R, Mancio V, Turri-Zanoni M, Vidiri A, Sanguineti G, Marucci L, Sciuto R, Covello R, Sperduti I, Kayal R, Anelli V, Pichi B, Mercante G, Spriano G. Planned neck dissection after chemoradiotherapy in advanced oropharyngeal squamous cell cancer: the role of US, MRI and FDG-PET/TC scans to assess residual neck disease. *J Craniomaxillofac Surg*. 2014 Dec;42(8):1834-9.
106. Pota M, Scalco E, Sanguineti G, Belli ML, Cattaneo GM, Esposito M, Rizzo G. Likelihood-fuzzy analysis of parotid gland shrinkage in radiotherapy patients. *Stud Health Technol Inform*. 2014;207:360-9.
107. Merlotti A, Alterio D, Vigna-Taglianti R, Muraglia A, Lastrucci L, Manzo R, Gambaro G, Caspiani O, Miccichè F, Deodato F, Pergolizzi S, Franco P, Corvò R, Russi EG, Sanguineti G. Technical guidelines for head and neck cancer IMRT on behalf of the Italian association of radiation oncology – head and neck working group. *Radiat Oncol*. 2014 Dec 29;9(1):1165.
108. Sanguineti G, Ricchetti F, Wu B, McNutt T, Fiorino C. Parotid gland shrinkage during IMRT predicts the time to Xerostomia resolution. *Radiat Oncol*. 2015 Jan 17;10(1):19.
109. Schindler A, Denaro N, Russi EG, Pizzorni N, Bossi P, Merlotti A, Spadola Bisetti M, Numico G, Gava A, Orlandi E, Caspiani O, Buglione M, Alterio D, Bacigalupo A, De Sanctis V, Pavanato G, Ripamonti C, Merlano MC, Licitra L, Sanguineti G, Langendijk JA, Murphy B. Dysphagia in head and neck cancer patients treated with radiotherapy and systemic therapies: Literature review and consensus. *Crit Rev Oncol Hematol*. 2015
110. Belli ML, Broggi S, Scalco E, Cattaneo GM, Dell'Oca I, Logghe G, Moriconi S, Sanguineti G, Valentini V, Di Muzio N, Fiorino C, Calandrino R. Analysis of serial CT images for studying the RT effects in head-neck cancer patients. *Conf Proc IEEE Eng Med Biol Soc*. 2015 Aug;2015:5235-8.
111. Vici P, Buglioni S, Sergi D, Pizzuti L, Di Lauro L, Antoniani B, Sperati F, Terrenato I, Carosi M, Gamucci T, Dattilo R, Bartucci M, Vincenzoni C, Mariani L, Vizza E, Sanguineti G, Gadducci A, Vitale I, Barba M, De Maria R, Mottotese M, Maugeri-Saccà M. DNA Damage and Repair Biomarkers in Cervical Cancer Patients Treated with Neoadjuvant Chemotherapy: An Exploratory Analysis. *PLoS One*. 2016 Mar 1;11(3):e0149872.
112. De Sanctis V, Bossi P, Sanguineti G, Trippa F, Ferrari D, Bacigalupo A, Ripamonti CI, Buglione M, Pergolizzi S, Langendijk JA, Murphy B, Raber-Durlacher J, Russi EG, Lalla RV. Mucositis in head and neck cancer patients treated with radiotherapy and systemic therapies: Literature review and consensus statements. *Crit Rev Oncol Hematol*. 2016 Apr;100:147-66.
113. Vici P, Pizzuti L, Mariani L, Zampa G, Santini D, Di Lauro L, Gamucci T, Natoli C, Marchetti P, Barba M, Maugeri-Saccà M, Sergi D, Tomao F, Vizza E, Di Filippo S, Paolini F, Curzio G, Corrado G, Michelotti A, Sanguineti G, Giordano A, De Maria R, Venuti A. Targeting Immune Response with Therapeutic Vaccines in Premalignant Lesions and Cervical Cancer: Hope or Reality from Clinical Studies. *Expert Rev Vaccines*. 2016 Apr 11.
114. Landoni V, Fiorino C, Cozzarini C, Sanguineti G, Valdagni R, Rancati T. Predicting toxicity in radiotherapy for prostate cancer. *Phys Med*. 2016 Apr 8. pii: S1120-1797(16)00527-5.
115. Strigari L, Pinnarò P, Carlini P, Torino F, Strolin S, Minosse S, Sanguineti G, Benassi M. Efficacy and mucosal toxicity of concomitant chemo-radiotherapy in patients with locally-advanced squamous cell carcinoma of the head-and-neck in the light of a novel mathematical model. *Crit Rev Oncol Hematol*. 2016 Apr 22. pii: S1040-8428(16)30074-9.
116. Pinnarò P, Giordano C, Farneti A, Strigari L, Landoni V, Marucci L, Petrongari MG, Sanguineti G. Impact of Sequencing Radiation Therapy and Chemotherapy on Long-Term Local Toxicity for Early Breast Cancer: Results of a Randomized Study at 15-Year Follow-Up. *Int J Radiat Oncol Biol Phys*. 2016 Mar 19.
117. Pizzuti L, Barba M, Giannarelli D, Sergi D, Botti C, Marchetti P, Anzà M, Maugeri-Saccà M, Natoli C, Filippo SD, Catenaro T, Tomao F, Amodio A, Carpano S, Perracchio L, Mottotese M, Lauro LD, Sanguineti G, Benedetto AD, Giordano A, Vici P. Neoadjuvant sequential docetaxel followed by high-dose epirubicin in combination with cyclophosphamide administered concurrently with trastuzumab: The DECT trial. *J Cell Physiol*. 2016 May 17.
118. Buglioni S, Vici P, Sergi D, Pizzuti L, Di Lauro L, Antoniani B, Sperati F, Terrenato I, Carosi M, Gamucci T, Vincenzoni C, Mariani L, Vizza E, Venuti A, Sanguineti G, Gadducci A, Barba M, Natoli C, Vitale I, Mottotese M, De Maria R, Maugeri-Saccà M. Analysis of the hippo transducers TAZ and YAP in cervical cancer and its microenvironment. *Oncoimmunology*. 2016 Mar 28;5(6):e1160187.
119. Sanguineti G, Arcidiacono F, Landoni V, Saracino BM, Farneti A, Arcangeli S, Petrongari MG, Gomellini S, Strigari L, Arcangeli G. Macroscopic Hematuria After Conventional or Hypofractionated Radiation Therapy: Results From a Prospective Phase 3 Study. *Int J Radiat Oncol Biol Phys*. 2016 May 25.
120. Prodosmo A, Buffone A, Mattioni M, Barnabei A, Persichetti A, De Leo A, Appetecchia M, Nicolussi A, Coppa A, Sciacchitano S, Giordano C, Pinnarò P, Sanguineti G, Strigari L, Alessandrini G, Facciolo F, Cosimelli M, Grazi GL, Corrado G, Vizza E, Giannini G, Soddu S. Detection of ATM germline variants by the p53 mitotic centrosomal localization test in BRCA1/2-negative patients



- with early-onset breast cancer. *J Exp Clin Cancer Res.* 2016 Sep 6;35(1):135. doi: 10.1186/s13046-016-0410-3.
121. Scalco E, Marzi S, Sanguineti G, Vidiri A, Rizzo G. Characterization of cervical lymph-nodes using a multi-parametric and multi-modal approach for an early prediction of tumor response to chemo-radiotherapy. *Phys Med.* 2016 Sep 14. pii: S1120-1797(16)30923-1. doi: 10.1016/j.ejmp.2016.09.003.
  122. Marzi S, Piludu F, Forina C, Sanguineti G, Covello R, Spriano G, Vidiri A. Correlation Study between Intravoxel Incoherent Motion MRI and Dynamic contrast-enhanced MRI in Head and Neck Squamous Cell Carcinoma: Evaluation in Primary Tumors and Metastatic Nodes. *Magn Reson Imaging.* 2016 Oct 11.
  123. Wu B, Kusters M, Kunze-Busch M, Dijkema T, McNutt T, Sanguineti G, Bzdusek K, Dritschilo A, Pang D. Cross-institutional knowledge-based planning (KBP) implementation and its performance comparison to Auto-Planning Engine (APE). *Radiother Oncol.* 2017 Feb 12.
  124. Lacas B, Bourhis J, Overgaard J, Zhang Q, Grégoire V, Nankivell M, Zackrisson B, Szutkowski Z, Suwiński R, Poulsen M, O'Sullivan B, Corvò R, Laskar SG, Fallai C, Yamazaki H, Dobrowsky W, Cho KH, Garden AS, Langendijk JA, Viegas CMP, Hay J, Lotayef M, Parmar MKB, Aupérin A, van Herpen C, Maingon P, Trotti AM, Grau C, Pignon JP, Blanchard P; MARCH Collaborative Group. Role of radiotherapy fractionation in head and neck cancers (MARCH): an updated meta-analysis. *Lancet Oncol.* 2017 Jul 27. pii: S1470-2045(17)30458-8. doi: 10.1016/S1470-2045(17)30458-8.
  125. Sini C, Noris Chiorda B, Gabriele P, Sanguineti G, Morlino S, Badenchini F, Cante D, Carillo V, Gaetano M, Giandini T, Landoni V, Maggio A, Perna L, Petrucci E, Sacco V, Valdagni R, Rancati T, Fiorino C, Cozzarini C. Patient-reported intestinal toxicity from whole pelvis intensity-modulated radiotherapy: First quantification of bowel dose-volume effects. *Radiother Oncol.* 2017 Jul 21. pii: S0167-8140(17)32458-1. doi: 10.1016/j.radonc.2017.07.005. [Epub ahead of print]
  126. Gamucci T, Pizzuti L, Sperduti I, Mentuccia L, Vaccaro A, Moscetti L, Marchetti P, Carbone L, Michelotti A, Iezzi L, Cassano A, Grassadonia A, Astone A, Botticelli A, Magnolfi E, Di Lauro L, Sergi D, Fuso P, Tinari N, Barba M, Maugeri-Saccà M, Landucci E, Conti F, Sanguineti G, De Tursi M, Iafrate G, Giordano A, Ciliberto G, Natoli C, Vici P. Neoadjuvant Chemotherapy In Triple-Negative Breast Cancer: A Multicentric Retrospective Observational Study In Real-Life Setting. *J Cell Physiol.* 2017 Jul 15. doi: 10.1002/jcp.26103. [Epub ahead of print]
  127. Marzi S, Piludu F, Sanguineti G, Marucci L, Farneti A, Terrenato I, Pellini R, Benevolo M, Covello R, Vidiri A. The prediction of the treatment response of cervical nodes using intravoxel incoherent motion diffusion-weighted imaging. *Eur J Radiol.* 2017 Jul;92:93-102. doi: 10.1016/j.ejrad.2017.05.002. Epub 2017 May 2.
  128. Vici P, Pizzuti L, Michelotti A, Sperduti I, Natoli C, Mentuccia L, Di Lauro L, Sergi D, Marchetti P, Santini D, Magnolfi E, Iezzi L, Moscetti L, Fabbri A, Cassano A, Grassadonia A, Omarini C, Piacentini F, Botticelli A, Bertolini I, Scinto AF, Zampa G, Mauri M, D'Onofrio L, Sini V, Barba M, Maugeri-Saccà M, Rossi E, Landucci E, Tomao S, Alberti AM, Giotto F, Ficorella C, Adamo V, Russo A, Lorusso V, Cannita K, Barni S, Laudadio L, Greco F, Garrone O, Giulia MD, Marolla P, Sanguineti G, Di Cocco B, Ciliberto G, De Maria R, Gamucci T. A retrospective multicentric observational study of trastuzumab emtansine in HER2 positive metastatic breast cancer: a real-world experience. *Oncotarget.* 2017 May 25. doi: 10.18632/oncotarget.18176. [Epub ahead of print]
  129. Marucci L, Farneti A, Di Ridolfi P, Pinnaro P, Pellini R, Giannarelli D, Vici P, Conte M, Landoni V, Sanguineti G. Double-blind randomized phase III study comparing a mixture of natural agents versus placebo in the prevention of acute mucositis during chemoradiotherapy for head and neck cancer. *Head Neck.* 2017 May 31. doi: 10.1002/hed.24832. [Epub ahead of print]
  130. Arcangeli G, Saracino B, Arcangeli S, Gomellini S, Petrongari MG, Sanguineti G, Strigari L. Moderate Hypofractionation in High-Risk, Organ-Confined Prostate Cancer: Final Results of a Phase III Randomized Trial. *J Clin Oncol.* 2017 Jun 10;35(17):1891-1897. doi: 10.1200/JCO.2016.70.4189. Epub 2017 Mar 29.
  131. Pota M, Scalco E, Sanguineti G, Farneti A, Cattaneo GM, Rizzo G, Esposito M. Early prediction of radiotherapy-induced parotid shrinkage and toxicity based on CT radiomics and fuzzy classification. *Artif Intell Med.* 2017 Mar 18. pii: S0933-3657(17)30111-2. doi: 10.1016/j.artmed.2017.03.004.
  132. Pinnarò P, Giordano C, Farneti A, Faiella A, Iaccarino G, Landoni V, Giannarelli D, Vici P, Strigari L, Sanguineti G. Short course hypofractionated whole breast irradiation after conservative surgery: a single institution phase II study. *J Exp Clin Cancer Res.* 2017 Dec 27;36(1):191. doi: 10.1186/s13046-017-0640-z.
  133. Licitra L, Bonomo P, Sanguineti G, Bacigalupo A, Baldi GG, Valerini S, Bruzzi P. Different View on Larynx Preservation Evidence-Based Treatment Recommendations. *J Clin Oncol.* 2018 May 1;36(13):1376-1377. doi: 10.1200/JCO.2018.77.8001. Epub 2018 Mar 20.
  134. Mandoj C, Pizzuti L, Sergi D, Sperduti I, Mazzotta M, Di Lauro L, Amodio A, Carpano S, Di Benedetto A, Botti C, Ferranti F, Antenucci A, D'Alessandro MG, Marchetti P, Tomao S, Sanguineti G, Giordano A, Maugeri-Saccà M, Ciliberto G, Conti L, Vici P, Barba M. Observational study of coagulation activation in early breast cancer: development of a prognostic model based on data



- from the real world setting. *J Transl Med*. 2018 May 16;16(1):129. doi: 10.1186/s12967-018-1511-x.
135. Marzi S, Farneti A, Vidiri A, Di Giuliano F, Marucci L, Spasiano F, Terrenato I, Sanguineti G. Radiation-induced parotid changes in oropharyngeal cancer patients: the role of early functional imaging and patient-/treatment-related factors. *Radiat Oncol*. 2018 Oct 1;13(1):189. doi: 10.1186/s13014-018-1137-4.
  136. Gamucci T, Pizzuti L, Natoli C, Mentuccia L, Sperduti I, Barba M, Sergi D, Iezzi L, Maugeri-Saccà M, Vaccaro A, Magnolfi E, Gelibter A, Barchiesi G, Magri V, D'Onofrio L, Cassano A, Rossi E, Botticelli A, Moscetti L, Omarini C, Fabbri MA, Scinto AF, Corsi D, Carbognin L, Mazzotta M, Bria E, Foglietta J, Samaritani R, Garufi C, Mariani L, Barni S, Mirabelli R, Sarmiento R, Graziano V, Santini D, Marchetti P, Tonini G, Di Lauro L, Sanguineti G, Paoletti G, Tomao S, De Maria R, Veltri E, Paris I, Giotto F, Latorre A, Giordano A, Ciliberto G, Vici P. A multicenter RETrospective observational study of first-line treatment with PERTuzumab, trastuzumab and taxanes for advanced HER2 positive breast cancer patients. *RePer Study. Cancer Biol Ther*. 2018 Nov 7:1-9. doi: 10.1080/15384047.2018.152309.
  137. Bossi P, Miceli R, Benasso M, Corvò R, Bacigalupo A, Sanguineti G, Fallai C, Merlano MC, Infante G, Dani C, Di Giannantonio V, Licitra L. Impact of treatment expertise on the outcome of patients with head and neck cancer treated within 6 randomized trials. *Head Neck*. 2018 Dec;40(12):2648-2656. doi: 10.1002/hed.25389. Epub 2018 Nov 17.
  136. Pizzuti L, Giordano A, Michelotti A, Mazzotta M, Natoli C, Gamucci T, De Angelis C, Landucci E, Diodati L, Iezzi L, Mentuccia L, Fabbri A, Barba M, Sanguineti G, Marchetti P, Tomao S, Mariani L, Paris I, Lorusso V, Vallarelli S, Cassano A, Airola F, Orlandi A, Moscetti L, Sergi D, Sarobba MG, Tonini G, Santini D, Sini V, Veltri E, Vaccaro A, Ferrari L, De Tursi M, Tinari N, Grassadonia A, Greco F, Botticelli A, La Verde N, Zamagni C, Rubino D, Cortesi E, Magri V, Pomati G, Scagnoli S, Capomolla E, Kayal R, Scinto AF, Corsi D, Cazzaniga M, Laudadio L, Forciniti S, Mancini M, Carbognin L, Seminara P, Barni S, Samaritani R, Roselli M, Portarena I, Russo A, Ficorella C, Cannita K, Carpano S, Pistelli M, Berardi R, De Maria R, Sperduti I, Ciliberto G, Vici P. Palbociclib plus endocrine therapy in HER2 negative, hormonal receptor-positive, advanced breast cancer: A real-world experience. *J Cell Physiol*. 2019 Jun;234(6):7708-7717. doi: 10.1002/jcp.27832. Epub 2018 Dec 10.
  137. Sanguineti G, Giannarelli D, Petrongari MG, Arcangeli S, Sangiovanni A, Saracino B, Farneti A, Faiella A, Conte M, Arcangeli G. Leukotoxicity after moderately Hypofractionated radiotherapy versus conventionally fractionated dose escalated radiotherapy for localized prostate Cancer: a secondary analysis from a randomized study. *Radiat Oncol*. 2019 Jan 30;14(1):23. doi: 10.1186/s13014-019-1223-2.

#### Review articles

1. G Sanguineti, R Corvò. Nasopharyngeal carcinoma: state of the art and new perspectives (review). *Oncol Rep* 1999 Mar-Apr;6(2):377-91
2. G Sanguineti, P Bossi, A Pou, L Licitra. Timing of Chemoradiotherapy and Patient Selection for Locally Advanced Nasopharyngeal Carcinoma. *Clin Oncol (R Coll Radiol)*. 2003; 15(8): 451-60 (review).
3. Sosa M, Sanguineti G. External beam radiotherapy as definitive treatment for prostate cancer. *Minerva Urol Nefrol*. 2003 Dec;55(4):263-275 (invited review)
4. C Fiorino, R Valdagni, T Rancati, G. Sanguineti. DOSE-VOLUME EFFECTS FOR NORMAL TISSUES IN EXTERNAL RADIOTHERAPY: PELVIS. *Radiother Oncol*. 2009 Nov;93(2):153-67. (educational review)

#### Letters

1. Fiorino C, Sanguineti G, Valdagni R. In response to Dr. G. Bauman and Dr. G. Rodrigues. *Int J Radiat Oncol Biol Phys*. 2004;59(3):914-5.
2. Fiorino C, Sanguineti G, Valdagni R. In regard to Brenner D J. "Fractionation and late rectal toxicity": no reliable estimates of  $\alpha/\beta$  value for rectum can be derived from studies where different volumes of rectum are irradiated at different dose levels. *Int J Radiat Oncol Biol Phys*. 2005;62(1):289-90
3. A Eisbruch, J Harris, AS Garden, CKS Chao, W Straube, PM Harari, G Sanguineti, CU Jones, WR Bosch, KK Ang. Response to Letter by Dr. Ibott et al. *Int J Rad Oncol Biol Phys*, Volume 76, Issue 2, 1 February 2010, Page 639



## Editorials/Commentaries

1. Sanguineti G, DeWeese T. Evaluating Advanced Technologies in Radiation Oncology: When and How Should Randomized Trials Be Done? *Oncology* (invited commentary)
2. Sanguineti G. Review of `Principles and Practice of Head and Neck Cancer Surgery and Oncology` by Montgomery, Rhys-Evans and Gullane, Informa, 2009 for the *Int J Radiat Oncol Biol Phys* (press)
3. Thariat J, Yom SS, Sanguineti G, Corry J. Oncology scan--nodal regions, nodal regression, and molecular biomarkers: new thinking in head and neck radiation therapy. *Int J Radiat Oncol Biol Phys*. 2014 Nov 1;90(3):477-9 (editorial)
4. Sanguineti G, Licitra L. How Much of the Future Can Be Read Through the Skin? *Int J Radiat Oncol Biol Phys*. 2016 Aug 1;95(5):1355-6. doi: 10.1016/j.ijrobp.2016.05.015. (editorial)

## Case reports

1. Culp L, Pou A, Jones D, Bayouth J, Sanguineti G. A Case of Radiation Recall Mucositis Associated with Docetaxel. *Head Neck*. 2004 Feb;26(2):197-200 (case report)
2. Gunn GB, Patel AJ, Gallegos J, Anderson KE, Hatch SS, Sanguineti G. Severe radiation therapy-related soft tissue toxicity in a patient with porphyria cutanea tarda: a case report and literature review. *Head Neck* (in press)

## Book Chapters

1. `Oropharynx` in *Radiation Oncology: A question-based review*, Hristov, Lin and Christodouleas (eds), Lippincott Williams & Wilkins 2010
2. `Nasopharynx` in *Radiation Oncology: A question-based review*, Hristov, Lin and Christodouleas (eds), Lippincott Williams & Wilkins 2010
3. `Unknown primary cancer` in *Radiation Oncology: A question-based review*, Hristov, Lin and Christodouleas (eds), Lippincott Williams & Wilkins 2010

## Extramural sponsorship

1992-96 Consiglio Nazionale Ricerche-Applicazioni Cliniche della Ricerca Oncologica (National Council of Research), Rome, Italy, CNR #96.00687.PF39 for the clinical research `Alternating Chemoradiotherapy versus concomitant boost radiotherapy for advanced head and neck cancer`. Total amount Lira 200.000.000 (about \$ 100,000).

2016-19 Associazione Italiana Ricerca sul Cancro, Milan, Italy, IG 2015 Id.1702896 for the clinical research `Early Diffusion Weighted Magnetic Resonance Imaging Changes to Predict Tumor Response to Chemoradiotherapy in HN Cancer`. Total amount Euro 255,000.

## EDUCATIONAL ACTIVITIES

### Teaching

Radiotherapy	Jan 2001-July 2007	University of Texas Medical Branch, Galveston, TX, Residency in Radiation Oncology
Radiotherapy	Aug 2007- May 2011	Dept of Radiation Oncology & Molecular Radiation Sciences, The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD

### Radiation Oncology Ground Rounds at JHU

May 19, 2008                      Radiotherapy De-Intensification for Oropharyngeal Cancer

### Oncology Center Ground Rounds at JHU

January 31, 2009                      IMRT for head and neck cancer

### Didactic Lectures at JHU



October 13, 2008	H&N Cancer of unknown primary
February 25, 2009	Radiotherapy for H&N cancer (therapist)
February 12, 2009	Radiotherapy for Nasopharyngeal Ca (HN residents)
January 19, 2010	Organ Preservation
March 25, 2010	DVH, treatment planning

#### Didactic Courses

Nov 1997–Oct 2001	Course on Radiation Oncology at the University of Genoa Medical School, Residency in Ear Nose and Throat Diseases, University of Genoa Medical School, Genoa, Italy
Nov 2001–Nov 2002	Course on Radiation Oncology at the University of Parma Medical School, Residency in Head & Neck Surgery, Parma, Italy

#### Teaching Awards

2004–2005	A.R.R.O. `Teacher of the Year`
2005–2006	A.R.R.O. `Teacher of the Year`
2007–2008	A.R.R.O. `Teacher of the Year`

#### **Mentoring**

2003, Laura R Culp, MD, RSNA Roentgen Resident/Fellow Research Award

#### **Editorial activities**

##### *Editorial Board*

2009–2011	Journal of Clinical Oncology
2010	Chinese Journal of Clinicians
2011–2013	Int J Radiat Oncol Biol Phys

##### *Journal peer review activities:*

1997	British Journal Cancer
2002–date	International Journal Radiation Oncology Biology Physics
2006	Cancer
2007–2011	Radiotherapy and Oncology
2007–date	Tumori
2007	Technology in Cancer Research and Treatment
2009–date	Journal of Clinical Oncology
2009–date	Archives of Otolaryngology
2010–date	BMC Cancer
2010	Annals of Surgical Oncology
2010–date	Radiation Oncology
2011–date	Practical Radiation Oncology
2016	Physica Medica

#### **CLINICAL ACTIVITIES**

##### **Certification & Licence**

1989	Italian License Registration
1993	Educational Commission for Foreign Medical Graduates (ECFMG) Certification
1999	National Certification on Radioprotection –Italy
2006–2007	Texas State Licence M3082
2007	American Board of Radiology, Board Certification in Radiation Oncology
2007–2011	Maryland State Licence D0066358
2014–2018	Italian Ministry of Instruction & Research (MIUR). Licence for both Full and Associate Professor of Radiation Oncology



## ORGANIZATIONAL ACTIVITIES

### Professional societies

1990	European Society for Therapeutic Radiology and Oncology (ESTRO)
1992	Italian Association of Radiation Oncology (AIRO)
1996	The Gilbert H. Fletcher Society (GHFS)
1997	American Society of Therapeutic Radiology and Oncology (ASTRO) The New England Cancer Society (NECS)
1998	American Society Clinical Oncology (ASCO)
2002	Radiation Therapy Oncology Group (RTOG)
2007	Eastern Cooperative Oncology Group (ECOG)
2011	Società Italiana di Urologia Oncologica (SIURO)
2012	Forza Operativa Interdisciplinare Contro Il Cancro Al Polmone (FONICAP)

### Committee Study Sections

#### USA

2007–2011	Member of the National Comprehensive Cancer Network (NCCN) Head and Neck Cancer Guidelines Panel
2007–2011	Member of the Previously-untreated Locally Advanced Task Force (TF) of the HNSC Head and Neck Cancer Steering Committee (HNSC) of the National Cancer Institute (NCI)

#### JHU

2008–2010	Clinical Research Review Committee (CRC) at Sidney Kimmel Cancer Center
2009–2011	Credentialing Committee in Radiation Oncology
2010	Treatment Planning Lean Sigma Project
2010–2011	Director of Otolaryngology – Head & Neck Surgery Search Committee

#### Italy

2010–2015	Estensore Linee Guida AIOM sul carcinoma della mammella
2012–oggi	Membro del comitato scientifico della SIURO
2014	Consensus Conference on salivary gland tumors – Adenoid-cystic carcinoma and high-grade malignancies, Brescia (Italy)
2014	CONSENSUS CONFERENCE SULLE TERAPIE DI SUPPORTO NEI TRATTAMENTI INTEGRATI CHEMIORADIOTERAPICI PER NEOPLASIE TESTA-COLLO. Milano (Italy), Istituto Nazionale Tumori
2016	Consensus Conference sulla Global Care del Paziente con Tumore Testa-Collo Ricorrente/Metastatico. Ist. Naz. Tumori, Milano, 5 maggio 2016
2016–oggi	Estensore Linee Guida AIOM sul Tumori dell'Urotelio

## RECOGNITION

### Awards

1989	Scholarship from "Consiglio Nazionale delle Ricerche"
1997	Scholarship from "Fondazione Italiana per la Ricerca sul Cancro"
1998	Award from the "Associazione Italiana Radioterapia Oncologica"
2006–2007	Claude Davis Professorship in Radiation Oncology
2007	ESTRO – Siemens Best Poster Award – for the poster displayed during the 9 <sup>th</sup> Biennial ESTRO meeting on Physics and radiation technology for clinical radiotherapy



## Meeting Organization

2009	Organization of Panel 16 at ASTRO Annual Meeting– Treatment de-intensification for Oropharyngeal Carcinoma, Wednesday November 4, 2009, Chicago, IL
2011	Abstract reviewer of Astro 53rd Annual Meeting
2012	Workshop with ExacTrac, Negrar, VR
2016	Terapie locoregionali nella local relapse e nella malattia oligometastatica della prostata, Firenze 10 Giugno 2016
2016	Radiotherapy Now. Rome, 2-3 Dicembre 2016
2017	Radiotherapy Now, II Edition. Genoa
2018	Radiotherapy Now, III Edition Rome, 27/28 November 2018

## Invited talks

### Italy

1. "Trattamento multidisciplinare delle metastasi ossee vertebrali: linee guida. Indicazioni e risultati della radioterapia nelle localizzazioni vertebrali"(Multidisciplinary treatment of vertebral bone metastases: indications and results) June 17, 1993, Siena (Italy)
2. "La radioterapia nella palliazione"(Radiotherapy in palliation). Corso di formazione per assistenti domiciliari. April 18, 1994, Genova (Italy)
3. "La radioterapia nella palliazione" (Radiotherapy in palliation). Corso di formazione per assistenti domiciliari. June 10, 1996, Genova (Italy)
4. "Radioterapia dei tumori della testa e collo" (Radiotherapy of HN-SCC), Nov 14, 1995, Parma (Italy)
5. "La radioterapia nella palliazione"(Radiotherapy in palliation). Corso di formazione per assistenti domiciliari. June 13, 1997, Genova (Italy)
6. "Randomized studies of combined modality treatments in advanced head and neck cancer" An interdisciplinary approach to clinical oncology. New England Cancer Society meeting, May 13, 1997, S. Margherita Ligure (Genoa), Italy
7. "Postoperative radiotherapy after conservative surgery". Genoa, June 21, 2000
8. "Standard and advanced techniques in HNSCC". AIRO teaching course, Genoa, Italy, May 4, 2001
9. "Standard and advanced techniques in HNSCC". AIRO teaching course, Messina, Italy, May 26, 2001
10. "Tongue carcinoma: adjuvant treatments after surgery" Annual Meeting of the Italian Society of Maxillo-Facial Surgery, Naples, Italy, June 7, 2001
11. "Discussion" `How to write a scientific paper`, course, Genova, Italy, April 12, 2002
12. "Radiotherapy technique" `How to write a scientific paper`, Genova, Italy, April 11, 2002
13. "IMRT @ UTMB` National Cancer Institute, Milano, March 22, 2004 (seminario)
14. "IMRT @ UTMB` National Institute for Cancer Research, Genova, March 23, 2004 (seminario)
15. "From the clinical based to the biology guided therapy" Therapeutic news in the treatment of localized prostate cancer, Genova, September 15, 2004
16. "Volumes and fractionation" Therapeutic news in the treatment of localized prostate cancer, Genova, September 15, 2004
17. "Prostate Cancer: Radiation Therapy in Combination with Hormonal Therapy". Workshop, XIV AIRO meeting, Turin October 20, 2004
18. " Treatment of the NO neck" Meeting of the SICMF (Italian Association of Head and Neck Surgery), Parma, Italy, June 11, 2005
19. "Clinical introduction to IGRT" AIRO meeting on prostate cancer, Milan, March 16, 2006
20. "The role of postoperative radiotherapy" Consensus conference on the treatment of laryngeal carcinoma, Milan, October 12, 2006
21. "Radiotherapy alone or in combination for high risk prostate cancer". Workshop, XVIII Meeting of the Italian Urologic Society, Pescara, Nov 27, 2008
22. "Altered fractionation and toxicity". Predictive Models of the Effects of External Beam Radiotherapy. Florence, November 24, 2010 (corso)
23. "Anatomic modifications to measure and predict toxicity in radiation oncology". Predictive Models of the Effects of External Beam Radiotherapy. Florence, November 26, 2010 (corso)
24. "Low and Intermediate risk prostate carcinoma. SIURO meeting, Radiotherapy, indications and limits". Naples, June 24, 2011 (corso)
25. "Aspetti metodologici – Nuovi endpoints & Livelli di evidenza" AIOM – AIRO LOMBARDIA 2011: LA MULTIDISCIPLINARIETA' NELL'ERA DELLE TARGETED THERAPIES E DELLA RADIOTERAPIA AD INTENSITA' MODULATA – MILANO, 14 OTTOBRE 2011 (Tavola Rotonda)
26. "IMRT per tumori dell'orofaringe". Istituto Europeo di Oncologia, 9/11/2011 (seminario)



27. "Impiego clinico VMAT: review". Tecniche Modulate di radioterapia esterna: Esperienze a confronto nel Triveneto. Udine, 4 ottobre 2013
28. "Ruolo della radioterapia radicale". Algoritmo terapeutico del carcinoma prostatico ad alto rischio, CORSO XXII CONGRESSO NAZIONALE SIUR, Bologna, 15 giugno 2012
29. "Ruolo della radioterapia radicale". WORKUP diagnostico e terapeutico nel CaP localmente avanzato, CORSO XXIII CONGRESSO NAZIONALE SIUR, Firenze, 12 giugno 2013
30. "Neoplasie del distretto cervico-cefalico". Simposi di Oncologia Integrata, Auditorium Villa Elia (Humanitas Gavazzeni), Bergamo, 17 Maggio 2012
31. "Il ruolo dell'Imaging nella preparazione del trattamento". La pianificazione del trattamento radiante, Trento, 29 Maggio 2012 (seminario)
32. "Il ruolo della Radioterapia nel trattamento integrato multimodale dei carcinomi dell'orofaringe alla luce delle innovazioni tecnologiche e delle più recenti acquisizioni biologiche". Varese 20 settembre 2012 (seminario)
33. "Set up errors e organ motion in Radioterapia per Tumori della Prostata". RADIOTERAPIA STEREOTASSICA BODY (SBRT) E TRATTAMENTI IPOFRAZIONATI CON LINAC (VMAT/RAPIDARC) E CON MACCHINE DEDICATE: ESPERIENZE A CONFRONTO" Varese, 29 Novembre 2012
34. "Ruolo della radioterapia", SCLC update, XII Congresso Nazionale FONICAP, Verona, 30 Nov 2012
35. "Therapeutic options in recurrent disease". 14 th Course: Advances in Urological Oncology "Prostate Cancer: from Molecular and Cellular Biology to Therapeutic Advancement" Erice, Sicily, Italy, April 16-21, 2013
36. "Importanza del contouring nell'outcome clinico". Corso AIRO: IMPOSTAZIONE RADIOTERAPICA NEI TUMORI DEL RINOFARINGE, Roma, 27 maggio 2013
37. "La de-intensificazione della Radioterapia" Il trattamento del Cancro Orofaringeo nell'era dell'HPV e della TORS, 100 Congresso della Società Italiana di Otorinolaringoiatria, Roma, 30 Maggio 2013
38. "Tossicità e frazionamenti alterati". Corso Modelli predittivi degli effetti della radioterapia con fasci esterni (2° edizione), Catania, 6 giugno 2013. Modificazioni anatomiche per predire e misurare le tossicità in radioterapia ed implicazioni in ART. Corso Modelli predittivi degli effetti della radioterapia con fasci esterni (2° edizione), Catania, 6 giugno 2013
40. "Il trattamento della malattia oligometastatica". XV Congresso nazionale AIOM, Milano, 12 Ottobre, 2013
41. "La Radioterapia per tumori orofaringei". Poliambulanza, Brescia, 22 Nov 2013
42. "La malattia localmente avanzata: la Radioterapia". ASCO-ECCO per il testa-collo. Firenze, 23 Novembre 2013
43. "Il Razionale clinico". Adaptive radiotherapy tra tecnologia e clinica. Padova 9 Dicembre 2013
44. "Gli studi clinici. Come devono essere strutturati per ottenere risultati corretti.". I Giovedì in Radioterapia IV Ed, Istituto Nazionale Tumori, Fondazione Pascale, Napoli, 23 Genn 2014
45. "Ruolo della Radioterapia nella bladder preservation". Conferenza SIURO Interregionale - Il carcinoma della vescica: uno sguardo a 360 gradi. Meldola (FO) 28 Marzo 2014
46. "La radioterapia Basata sull'evidenza" Radioterapia e chirurgia basate sull'evidenza nel carcinoma prostatico ad alto rischio. Aula didattica torre 7 piano terra, Azienda Ospedaliera Papa Giovanni XXIII, Bergamo, 27 Marzo 2014
47. "Terapia chirurgica vs terapia radiante vs terapie combinate". Siuro Winter School, Firenze 13 febbraio 2015
48. "Terapia adiuvante/terapia di salvataggio". Siuro Winter School, Firenze 13 febbraio 2015
49. "Expert Under Fire "Il radioterapista incontra l'Urologo, l'Oncologo Medico e il Metodologo" XXV CONGRESSO NAZIONALE SIUR, Roma, 23 Giugno 2015
50. "Tumore della prostata: Il trattamento delle recidive cliniche locali e loco-regionali dopo trattamento radicale. Ruolo della RT nel trattamento della recidiva clinica." XXV CONGRESSO NAZIONALE SIUR, Roma, 22 Giugno 2015
51. "Debate II: Postoperative radiotherapy. Contrasts". A new age in the management of mCRPC patients -Works in progress. Trento, 12 giugno 2014
52. "Ruolo della Radioterapia radicale. Work up diagnostico e terapeutico nel Ca prostatico a rischio alto e molto alto (T3-4 e/o N1)." XXIV CONGRESSO NAZIONALE SIUR, BOLOGNA 22 Giugno 2014
53. "Possibilità terapeutiche. Radioterapia. Carcinoma prostatico a rischio molto basso." XXIV CONGRESSO NAZIONALE SIUR, BOLOGNA 24 Giugno 2014
54. "My preferred P&K abstracts at ESTRO and/or ASTRO meetings 2015". 4th World Top Communications of the year in Genitourinary Oncology. Arezzo, October 8, 2015
55. High-risk tumor management. 16th Course: "ADVANCES IN UROLOGICAL ONCOLOGY". Erice, April 16th, 2015
56. INNOVAZIONI STRATEGICHE NEL TRATTAMENTO DEI TUMORI DELLA PROSTATA. Innovazione clinico-tecnologica nel trattamento multimodale dei tumori della prostata Roma 26 marzo 2015



57. "Moderne tecniche radioterapiche per preservare la funzione: MRT e nuove prospettive tecnologiche". 4° Congresso Nazionale AIOCC. Update 2014 in Oncologia Cervico-cefalica. Genova, 21 Novembre 2014
58. "La malattia localmente avanzata. Radioterapia". ASCO-ECCO 2013 per il testa-collo. Firenze, 23 Novembre 2014
59. Ruolo della Radioterapia nei tumori dell'orofaringe. 102° congresso SIO, Roma, 28 Maggio 2015 (lecture)
60. "Diagnosi, stadiazione, indicazione terapeutica e trattamento dei tumori laringei" 102° congresso SIO, Roma, 28 Maggio 2015 (lunch with the professor)
61. "Preservazione d'organo nel tumore vescicale infiltrante". Hot topics in urologia oncologica 2015. Bergamo, 9 Maggio 2015
62. "Bladder Sparing, update terapie integrate". Carcinoma uroteliale a cellule transizionali. Torino, 20 Marzo 2015
63. "Corso monotematico di aggiornamento nel cancro della laringe". 5° Congresso Nazionale AIOCC, 2 Marzo 2015, Roma
64. "Novità in radioterapia". Le neoplasie della laringe. Lucca 29 Marzo 2014
65. "Le innovazioni nella Radioterapia". Campagna PanCrea. Creiamo informazione. Un anno dopo. Roma, 13 Novembre 2014
66. "Volumi clinici nella radioterapia dei tumori del sistretto cervico-cefalico". Congresso annuale della Associazione Italiana Radioterapia Oncologica (AIRO), Rimini 8 Novembre 2015 (Lezione di aggiornamento)
67. "Volume bersaglio e riduzione delle dosi: una prospettiva realizzabile?" Seminar on Nasopharyngeal Cancer, Milano 12 Novembre 2015
68. "Radioterapia per tumori dell'orofaringe e del cavo orale". Università di Napoli Federico II, Napoli, 19 Novembre 2015
69. "La radiochemioterapia nel trattamento delle forme benigne e maligne delle ghiandole salivari". 2nd winter course, Roccaraso (AQ), 26 Gennaio 2016
70. "Razionale ed utilizzo dello space OAR nel trattamento stereotassico del carcinoma prostatico", Bologna, 4 Marzo 2016
71. "Consensus Conference sulla Global Care del Paziente con Tumore Testa-Collo Ricorrente/Metastatico". Ist. Naz. Tumori, Milano, 5 maggio 2016
72. "La rivoluzione del Gleason Score con la nuova classificazione ISUP/WHO". XXIII Congresso Nazionale AURO, Roma, 23 Maggio 2016 (Panelist)
73. "Approccio multimodale e multidisciplinare al CRPC: chi tratta chi?" XXIII Congresso Nazionale AURO, Roma, 23 Maggio 2016 (Panelist)
74. "Quale opzione radioterapica nella malattia oligometastatica (SBRT vs WFRT)". XXVI Congresso Nazionale SIUR, Palazzo dei Congressi, Firenze 10 Giugno 2016 (panelist)
75. "Update sul Gleason Score". Seminario Dipartimentale, Istituto Regina Elena, 18 Ottobre 2016

### International

1. "Radiochemotherapy for head and neck carcinoma". 1st world congress on head and neck oncology. Dec 2, 1998, Madrid, Spain
2. "Chemotherapy in association with radiotherapy. Tolerancy. Indications". 1st world congress on head and neck oncology. Dec 3, 1998, Madrid, Spain
3. "Chemoradiotherapy for head and neck tumors". University of Texas Medical Branch (UTMB) at Galveston, October 16, 1999
4. "Determination of CTV and PTV for Head and Neck tumors". ESTRO Teaching Course on "Imaging for target volume determination in radiotherapy", Como, Italy, 9-13 April 2000
5. "General aspects of radiotherapy". First international conference on oncology. Tripoli, Libia, May 27, 2000
6. "Clinical issues for IMRT" Southwest Chapter AAPM Spring Meeting, Houston, 3/28/03
7. "Uncertainties in clinical target volume definition" 7th biennial ESTRO meeting on physics and radiation technology for clinical radiotherapy. Geneva (Switzerland), September 16, 2003
8. "Current Strategies for cancer of the Prostate: Radiotherapy" Christus St Joseph Hospital, Houston, July 14, 2004
9. "Volume and dose/volume constraints for HN and GU cancers". IMRT course, Galveston, December 9, 2005
10. "IMRT for oropharyngeal carcinoma". Mid-Atlantic Society of Radiation Oncologists, Baltimore, September 29, 2007
11. "SCORING TOXICITY: IMPROVING OBJECTIVITY FOR PRECISE DOSE-VOLUME MODELING" ESTRO pre-meeting course, DOSE-VOLUME RESPONSE RELATIONSHIPS IN NORMAL TISSUES. Goteborg, Sweden, Sept 14, 2008
12. "Re-irradiation for HN cancer" Great Baltimore Medical Center, Baltimore, MD, Feb 20, 2009



13. "Role of radiotherapy in the management of Thyroid Cancer". Course on Thyroid Cancer. Johns Hopkins University, Baltimore, July 17, 2009
14. Adaptive RT in HN cancer". 10th Biennial ESTRO Conference on Physics and Radiation Technology for Clinical Radiotherapy", Maastricht, Sept 2, 2009
15. "Treatment de-intensification for oropharyngeal cancer". ASTRO, Chicago, IL, Nov 4, 2009
16. "Current limiting toxicities of non surgical treatment and prespectives". Upgrades on HPV-associated Head and Neck Cancer. Baltimore, October 16, 2010
17. "Best of Astro: Head and Neck". Best of Astro, University of Maryland, Baltimore, January 6th, 2010
18. "ASSESSMENT OF HEAD-NECK TOXICITY USING CT" ESTRO 31, 11 May 2012, Barcelona, Spain
19. "This House Believes That Concurrent Chemoradiation is the Standard of Care in Advanced laryngeal and Hypopharyngeal Cancer. In Favour". ECCO 2013, Amsterdam, 29 Sett 2013
20. "Parotid deformation during IMRT correlates with clinical and dosimetry information". ECCO 2013, Amsterdam, 1 Ott 2013
21. "De-intensification of radiation". 4th IAOO Rhodes Italian Society of ENT Surgery sponsored symposium. Rhodes, May 15, 2013
22. "Radiotherapy for oropharyngeal cancer". Institute Gustave Roussy, Paris, March 13, 2014 (visiting professor)
23. "Consensus Conference on salivary gland tumors – Adenoid-cystic carcinoma and high-grade malignancies" Brescia (Italy), October 23<sup>rd</sup>-24<sup>th</sup> 2014
24. "Radiotherapy for high risk prostate cancer: where do we stand?" 3<sup>rd</sup> Global Congress on Prostate cancer. Roma, 5 febbraio 2015
25. "Evolution of radiotherapy target volumes in head and neck cancer". Innovation and paradigms in head and neck cancer – Poznan (Poland), May 13, 2016
26. "La Radioterapia nei tumori dei seni paransali". 12<sup>a</sup> International SVO Conference on head & neck cancer –29-30 giugno/1-2 luglio 2016 – Mestre

#### OTHER PROFESSIONAL ACCOMPLISHMENTS

##### Conference (Oral) Presentations

##### Italy:

1. "Ruolo del Simulatore TC nella Radioterapia dei Tumori della Testa e del Collo" (Role of CT simulator in radiotherapy of HN tumors). I nuovi volti della Radiologia – Oct 8, 1989, Rapallo (Genoa, Italy)
2. "Vantaggi di un TC Simulatore per il posizionamento del paziente e l'esecuzione di un trattamento radioterapico" (Advantages of a CT Simulator in the positioning and treatment of patients undergoing radiotherapy). X Congresso Nazionale della Sezione Autonoma di Radioterapia Oncologica (S.A.R.O.) and VII Convegno Nazionale della Sezione Autonoma di Fisica Sanitaria, Oct 19, 1989, Montecatini Terme (Italy)
3. "Studio e verifica automatica di campi di forma irregolare con un TC Simulatore" (Planning and simulation of irregular fields with a dedicated CT simulator). X Congresso Nazionale della Sezione Autonoma di Radioterapia Oncologica (S.A.R.O.) and VII Convegno Nazionale della Sezione Autonoma di Fisica Sanitaria, Oct 20, 1989, Montecatini Terme (Italy)
4. "Pianificazione dei trattamenti Radioterapici con TC Simulatore" (Treatment planning with a CT Simulator). VII Congresso Nazionale di Tecnologie Avanzate, Oct 27, 1989, Cagliari (Italy)
5. "La prevenzione dei danni odontostomatologici radio-indotti: presentazione di un nuovo protocollo clinico-terapeutico". (Prevention of radiation-induced dental complications: new protocol). XVII Giornate di Rinnovamento Medico Odontoiatrico, Sat 11, 1989, Santa Margherita Ligure (Genoa, Italy)
6. "Una proposta tecnica per il trattamento della mammella e dei linfonodi regionali in pazienti affette da neoplasia operate conservativamente" (A new technique to treat the breast and regional lymphatics after breast-conserving surgery). Convegno Internazionale di Fisica e Radioterapia Oncologica, Elettroni di alta energia, Nov 30, 1990, Ospedali Galliera-Genova (Genoa, Italy)
7. "Tecnica radioterapica con collimatori asimmetrici: indicazioni cliniche e vantaggi" (Asymmetric jaws in radiotherapy: indications and advantages) VIII Congresso nazionale della federazione nazionale colleghi tecnici sanitari di radiologia medica. Oct 18, 1991, Cittadella di Assisi (Perugia, Italy)
8. "Radiotherapy of advanced esthesioneuroblastoma". 4th European Congress on Dental and Maxillofacial Radiology. June 12, 1993, Torino (Italy)



9. "Radioterapia accelerata nei carcinomi squamosi della testa e collo: risultati preliminari"(Accelerated radiotherapy for HN-SCC: preliminary results). II Convegno della Sezione Ligure della Società Italiana di Radioterapia Oncologica. July 3, 1993, Genoa (Italy)
10. "Radiosensibilità intrinseca e radioterapia: implicazioni cliniche e problematiche"(Intrinsic radiosensitivity and radiotherapy: problems and clinical implications). XX Congresso Nazionale di Radiobiologia. Sept 29, 1993, Rome (Italy)
11. "Radioterapia post-operatoria per carcinomi squamosi della testa e collo: fattibilità di un trattamento accelerato bifasico"(Biphasic accelerated radiotherapy in the postoperative treatment of HN-SCC: feasibility) XIX Congresso Nazionale SICO, March 12, 1995, Florence (Italy)
12. "Radioterapia accelerata secondo la tecnica del supplemento di dose concomitante per neoplasie della testa e collo: esperienza di Genova"(Accelerated radiotherapy according to the concomitant boost technique: the experience of Genoa). Il frazionamento alterato della dose in radioterapia. Esperienze a confronto. Il Riunione di studio. June 14, 1997, Cremona (Italy)
13. "Fattori prognostici in pazienti affetti da carcinoma vescicale infiltrante vescica trattati con chemioradioterapia alternata"(Prognostic factors in patients affected by invasive bladder cancer undergoing alternating radiochemotherapy). VIII Congresso nazionale AIRO, Nov 25, 1998, Milano (Italy)
14. "Associazione ormonoterapia radioterapia conformazionale ad alta dose nel carcinoma prostatico localizzato"(Hormonal manipulation and conformal radiotherapy in localized prostate carcinoma). VIII Congresso nazionale AIRO, Nov 26, 1998, Milano (Italy)
15. "Does chemotherapy dose-density adversely affect radiotherapy dose-intensity after breast-conserving surgery?" I Congresso AIOM, Roma, 27 Ottobre 1999

#### International:

1. "Treatment elapsed days in accelerated radiation therapy schedules: a crucial factor". Clinical Trials in Oncology: Improving their design and analysis. Oct 28, 1993, Toronto (Canada)
2. "Association of in vivo cell kinetics and tumor regression during radiotherapy with prognosis in HN-SCC". 4th International Conference on Head and Neck Cancer. August 31, 1996, Toronto (Canada)
3. "Cell kinetics analysis by in vivo bromodeoxyuridine and flow-cytometry in advanced head and neck tumors treated by conventional radiotherapy", IVth Research workshop. Biology, Prevention, and Treatment of Head and Neck Cancer, Sept 8, 1994, Arlington, Virginia (USA)
4. "Predictive factors of outcome in invasive bladder cancer treated by alternating chemoradiotherapy". Gilbert Fletcher Society. 22nd annual meeting. June 13-23, 1997 Barcelona (Spain)
5. "Is planned neck dissection indicated if chemotherapy is added to 60 Gy?". International symposium on metastases in head and neck cancer, Jan 16, 1998, Kiel (Germany)
6. "Accelerated radiotherapy for the postoperative treatment of advanced head and neck carcinoma: long term results". Paris, November 26, 1999
7. "Rectal toxicity after conformal radiotherapy for localized prostate cancer". Berlino, May 13, 2000
8. "Neoadjuvant androgen deprivation and prostate gland shrinkage during conformal radiotherapy". 43 Astro meeting, S Francisco, November 4, 2001
9. "Accelerated versus conventional fractionated postoperative radiotherapy for advanced head and neck cancer: preliminary results of a multicenter phase III study". 21st annual ESTRO meeting, Prague, Sept 21, 2002.
10. "Androgen deprivation and late rectal bleeding after radiotherapy for prostate carcinoma". 44th Astro meeting, New Orleans, Oct 9, 2002
11. "Accelerated hyperfractionated intensity modulated radiotherapy for T2-3 oropharyngeal carcinoma. Preliminary results from a phase I-II study". ICRT 2006, Third International Conference on Translational Research and Preclinical Strategies in Radiation Oncology, Lugano, Switzerland, March 15, 2006
12. "Dosimetric predictors of laryngeal edema". 48th Annual Meeting ASTRO, November 7, 2006, Philadelphia, PA
13. "Effect of radiotherapy and chemotherapy on the risk of mucositis during IMRT for oropharyngeal cancer". American Head and Neck Society 2010 Research Workshop on the Biology, Prevention and Treatment of Head and Neck Cancer. Arlington, (VA), October 29, 2010
14. "Defining the Risk of Involvement for Each Neck Nodal Level in Patients with Early T-stage/Node-Positive/HPV-related Oropharyngeal Carcinoma" 53rd Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), Miami beach (FL), Oct 3 2011
15. "Hypo Vs Conventionally Fractionated 3dcr for High Risk Prostate Cancer: Updated Results of a Randomized Trial". 56th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), San Francisco (CA), Sept 16, 2014



16. 'MACROSCOPIC HEMATURIA AFTER CONVENTIONAL OR HYPOFRACTIONATED RADIOTHERAPY: RESULTS FROM A PROSPECTIVE PHASE III STUDY' 57th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), San Antonio (TX), Oct 20, 2015
17. 'Double Blind Randomized Phase III Study Comparing a Mixture of Natural Ingredients vs Placebo in the Prevention of Acute Mucositis During Chemoradiotherapy for Head and Neck Cancer' 57th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), San Antonio (TX), Oct 21, 2015
18. 'Impact of sequencing radiotherapy and chemotherapy on long-term local toxicity for early breast cancer: results of a randomized study at 15 yr follow up'. 57th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), San Antonio (TX), Oct 21, 2015
19. 'Prediction of Treatment Response of Cervical Nodes Using IVIM-DWI'. 58th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), Boston (MA), Sept 27, 2016
20. 'Short-Course Hypofractionated Whole-Breast Radiation Therapy After Conservative Surgery: A Single-Institution Prospective Study'. 58th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), Boston (MA), Sept 27, 2016.
21. 'Early Radiation-Induced Changes of Parotid Glands at Intravoxel Incoherent Motion and Dynamic Contrast-Enhanced MRI' , 59th Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO) September 24 - 27, 2017 San Diego.
22. 'The Predictive Role of Multiparametric MR imaging after Salvage Radiation Therapy for Local Failure after Radical Prostatectomy' 60<sup>th</sup> 2018 Annual Meeting sponsored by the American Society for Radiation Oncology (ASTRO), San Antonio, Texas October 21 - 24, 2018

I declare to follows Good Clinical Practice for diagnosis and treatment

Rome, 23/01/2020

Signature  
