

Curriculum Vitae VAVASSORI ANDREA

INFORMAZIONI PERSONALI

Nome VAVASSORI Andrea
Data di nascita 01/11/1970, Bergamo
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ESPERIENZA LAVORATIVA

- Date
- 01/06/2010 Nomina al ruolo di Vice Direttore Divisione Radioterapia
 - 03/2005 Contratto di assunzione a tempo indeterminato, con il ruolo di Assistente Senior
 - 08/2002 – 03/2005 Contratto di consulenza presso la Divisione di Radioterapia dell'Istituto Europeo di Oncologia di Milano
 - 11/2001 – 07/2002, Borsa di studio dell'American Italian Cancer Foundation (Research project "Intra Operative Radiation Therapy in early breast cancer") con frequenza presso la Divisione di Radioterapia – Blocco Operatorio dell'Istituto Europeo di Oncologia di Milano
 - 09/1997 – 12/1998 servizio militare come Ufficiale Medico di Complemento presso il 4°Rgt.AV.ES. "Altair" di Bolzano
 - 11/1996 – 06/1997, frequenza presso la Cattedra di Radioterapia dell'Università degli Studi di Milano

Nome e indirizzo datore di lavoro Istituto Europeo di Oncologia di Milano IRCCS
Via Ripamonti 435, 20141, Milano

Tipo di azienda o settore Sanità

Tipo di impiego Dirigente Medico

- Principali mansioni e responsabilità
- Referente Brachiterapia
 - Referente Qualità della Divisione di Radioterapia
 - Referente gestione documentazione e cartelle cliniche del reparto
 - Tutor per frequentatori (laureandi o specializzandi)

Membro AIRO-AIRB

Membro ESTRO

Membro ISG

Membro del direttivo di coordinamento del gruppo di lavoro Brachiterapia/Radioterapia Interventistica dell'AIRO (coordinatore nel biennio 2020-2021)

ISTRUZIONE E FORMAZIONE

Date	• 03/2009 Qualificazione Auditor interno nel sistema qualità nel settore sanità
Nome e tipo di istituto di istruzione o formazione	• 2001 Diploma di Specializzazione in Radiologia - indirizzo Radioterapia Oncologica presso l'Università degli Studi di Milano; tesi di specializzazione: "La brachiterapia intraprostatica: l'esperienza clinica dell'Istituto Europeo di Oncologia" • 1996, Laurea in Medicina e Chirurgia presso l'Università degli Studi di Milano; tesi di Laurea in Radioterapia: "Il controllo di qualità in Radioterapia" • 1989, Diploma di maturità scientifica presso il Liceo Scientifico Statale "F.Lussana" di Bergamo
Aree di interesse	Tumori ginecologici Sarcomi dei tessuti molli Tumori cutanei Tumori urologici Tumori gastrointestinali Tumori polmonari Tumori del testa-collo Cheloidi Brachiterapia Radiochirurgia e stereotassi Radioterapia a intensità modulata Radioterapia conformazionale Plesio-Roentgenterapia

PUBBLICAZIONI

- Libri di testo
1. **A Vavassori**, F Milani: "Cenni di Oncologia", in *Elementi di Radioterapia* di F Milani, pagg. 55-75, Ed.Gnocchi, 1998.
 2. **A Vavassori**, F Milani: "Note di chemioterapia oncologica", in *Elementi di Radioterapia* di F Milani, pagg. 179-195, Ed.Gnocchi, 1998.
 3. **A Vavassori**, S Donesi, F Milani: "Dolore neoplastico e terapie palliative", in *Elementi di Radioterapia* di F Milani, pagg. 197-201, Ed.Gnocchi, 1998.
 4. **A Vavassori**, F Milani: "Radiazioni non ionizzanti", in *Elementi di Radioterapia* di F Milani, pagg. 203-205, Ed.Gnocchi, 1998.
 5. H Marsiglia, **A Vavassori**, A Polo, R Orecchia: "Principi di brachiterapia", in *Trattato di chirurgia oncologica* di F Mazzeo e P Forestieri, pagg. 26.1-26.17, Piccin Nuova Libreria 2003.
- Articoli
1. R Orecchia, B Jereczek-Fossa, G Catalano, F Chiesa, T De Pas, G Masci, M Krengli, **A Vavassori**, F De Paoli C Robertson, E Marrocco, F De Braud. "Phase II trial of Vinorelbine, Cisplatin and continuous infusion of 5-fluoruracil followed by hyperfractionated radiotherapy in locally advanced head and neck cancer". *Oncology* 63(2):115, 2002
 2. R Orecchia, **A Vavassori**, A Morra, P Araya. Radiothérapie peropératoire. *Médecine & Hygiène*, 2438:1064, 2003
 3. **A Vavassori**, A Polo, C Greco, S Castiglioni, R Orecchia, F Cattani, B Rocco, E Scardino, DV Matei, F Verweij, R Varala, O De Cobelli. "La brachiterapia intraprostata con impianti permanenti: note di tecnica, indicazioni e risultati". *Urologo informer* 11: 6-10, 2004
 4. A Polo, F Cattani, **A Vavassori**, D Origgi, G Villa, H Marsiglia, M Bellomi, G Tosi, O DeCobelli, R Orecchia. "MR and CT image fusion for postimplant analysis in permanent seed implants". *Int J Rad Onc Biol Phys* 60 (5): 1572-1579, 2004
 5. G Lazzaro, R Lazzari, G Pelosi, T De Pas, L Mariani, G Mazzarol, D Sances, G Tosti, F Baldini, M Mosconi, I Tedeschi, G Viale, H Marsiglia, A Chiappa, **A Vavassori**, R Orecchia, A Testori. "Pulsed Dose-Rate Perioperative Interstitial Brachytherapy for Soft Tissue Sarcomas of the Extremities and Skeletal Muscles of the Trunk". *Annals of Surgical Oncology*, 12 (11): 935-942. 2005
 6. M Ciocca, V Piazzì, R Lazzari, **A Vavassori**, A Luini, P Veronesi, V Galimberti, M Intra, A Guido, G Tosi, U Veronesi, R Orecchia "Real-time in vivo dosimetry using micro-MOSFET detectors during intraoperative electron beam radiation therapy in early stage breast cancer". *Radioth Oncol* 78: 213-216, 2006
 7. F Cattani F, **A Vavassori**, A Polo, E Rondi, R Cambria, R Orecchia, G Tosi. "Radiation exposure after permanent prostate brachytherapy". *Radioth Oncol* 79 (1): 65-69, 2006
 8. BA Jereczek-Fossa, F Cattani, A D'Onofrio, R Cambria, A Kowalczyk, A Corallo, **A Vavassori**, D Zerini, GB Ivaldi, O DeCobelli, R Orecchia. "Dose distribution in 3-dimensional conformal radiotherapy for prostate cancer: comparison of two treatment techniques (six coplanar fields and two dynamic arcs)". *Radioth Oncol* 81 (3): 294-302, 2006

9. BA Jereczek-Fossa, F Cattani, C Garibaldi, D Zerini, R Cambria, GI Boboc, M Valenti, A Kowalczyk, **A Vavassori**, GB Ivaldi, M Ciocca, DV Matei, O De Cobelli, R Orecchia. "Transabdominal Ultrasonography, Computed Tomography and Electronic Portal Imaging for 3-Dimensional Conformal Radiotherapy for Prostate Cancer". *Strahlenther Onkol* 183(11): 610-616, 2007
10. R Orecchia, BA Jereczek-Fossa, M Ciocca, **A Vavassori**, R Cambria, F Cattani, D Zerini, DV Matei, B Rocco, F Verweij, E Scardino, O De Cobelli. "Intraoperative radiotherapy for locally advanced prostate cancer: treatment technique and ultrasound-based analysis of dose distribution". *Anticancer Res* 27(5B): 3471-3476, 2007
11. C Greco, S Castiglioni, A Fodor, O DeCobelli, N Longaretti, B Rocco, **A Vavassori**, R Orecchia. "Benefit on biochemical control of adjuvant radiation therapy in patients with pathologically involved seminal vesicles after radical prostatectomy". *Tumori* 93 (5): 445-451, 2007
12. BA Jereczek-Fossa, **A Vavassori**, C Fodor, L Santoro, D Zerini, F Cattani, C Garibaldi, R Cambria, A Fodor, GI Boboc, V Vitolo, GB Ivaldi, G Musi, O de Cobelli, R Orecchia. "Dose escalation for prostate cancer using the three-dimensional conformal dynamic arc technique: analysis of 542 consecutive patients". *Int J Radiat Oncol Biol Phys* 71(3):784-94, 2008
13. BA Jereczek-Fossa, D Zerini, **A Vavassori**, C Fodor, L Santoro, A Minissale, R Cambria, F Cattani, C Garibaldi, F Serafini, VD Matei, O de Cobelli, R Orecchia. "Sooner or Later? Outcome Analysis of 431 Prostate Cancer Patients Treated with Postoperative or Salvage Radiotherapy". *Int J Radiat Oncol Biol Phys* 2008
14. L De Cicco, **A Vavassori**, BA Jereczek-Fossa, G Pruneri, G Catalano, AM Ferrari, R Orecchia. "Lymph node metastases of Merkel cell carcinoma from unknown primary site: report of three cases". *Tumori* 94(5):758-61, 2008
15. B Rocco, BA Jereczek-Fossa, DV Matei, F Verweij, L Santoro, **A Vavassori**, JC Ospina, F Cedeira, M Ciocca, R Orecchia, O de Cobelli. "Intraoperative radiotherapy during radical prostatectomy for intermediate-risk to locally advanced prostate cancer: treatment technique and evaluation of perioperative and functional outcome vs standard radical prostatectomy, in a matched-pair analysis". *BJU Int*. 2009 104:1624-1630
16. BA Jereczek-Fossa, L Fariselli, G Beltramo, G Catalano, F Serafini, C Garibaldi, R Cambria, L Brait, M Possanzini, LC Bianchi, **A Vavassori**, D Zerini, F Orsi, O de Cobelli, R Orecchia. "Linac-based or robotic image-guided stereotactic radiotherapy for isolated lymph node recurrent prostate cancer". *Radiother Oncol*. 2009 93:14-17
17. L De Cicco, **A Vavassori**, F Cattani, BA Jereczek-Fossa, R Orecchia. "Salvage high dose rate brachytherapy after primary external beam irradiation in localized prostate cancer: a case report". *Tumori*. 2009 95:553-556.
18. **A Vavassori**, BA Jereczek-Fossa, G Beltramo, L De Cicco, L Fariselli, LC Bianchi, M Possanzini, A Bergantin, O DeCobelli, R Orecchia. "Image-guided robotic radiosurgery as salvage therapy for locally recurrent prostate cancer after external beam irradiation:

retrospective feasibility study on six cases". Tumori 2010 96:71-75.

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20. D Zerini, BA Jereczek-Fossa, **A Vavassori**, I Bossi-Zanetti, Mauro R, GB Ivaldi, M Trovò, R Cambria, C Garibaldi, F Cattani, R Orecchia. "3D-conformal hypofractionated radiotherapy for prostate cancer with daily transabdominal ultrasonography prostate localization: toxicity and outcome of a pilot study". Tumori. 2010 96:941-946.
21. S Martella, M Rietjens, V Lohsiriwat, R Lazzari, **A Vavassori**, BA Jereczek-Fossa, V Lazzati, MC Leonardi, J Petit. "Acute radiation dermatitis in breast cancer: topical therapy with vitamin E acetate in lipophilic gel base". Ecanermedicalscience. 2010;4:190.
22. BA Jereczek-Fossa, D Zerini, C Fodor, L Santoro, R Cambria, C Garibaldi, B Tagaste, **A Vavassori**, F Cattani, D Alterio, F Gherardi, F Serafini, B Rocco, G Musi, O De Cobelli, R Orecchia. "Acute toxicity of image-guided hypofractionated radiotherapy for prostate cancer: Nonrandomized comparison with conventional fractionation". Urol Oncol. 2011 29:523-532.
23. BA Jereczek-Fossa, G Beltramo, L Fariselli, C Fodor, L Santoro, **A Vavassori**, D Zerini, F Gherardi, C Ascione, I Bossi-Zanetti, R Mauro, A Bregantin, LC Bianchi, O De Cobelli, R Orecchia. "Robotic image-guided stereotactic radiotherapy for isolated recurrent primary, lymph node or metastatic prostate cancer". Int J Radiat Oncol Biol Phys. 2012;82:889-897.
24. **A Vavassori**, F Gherardi, SP Colangione, C Fodor, F Cattani, R Lazzari, L Calabrese, R Bruschini, D Alterio, BA Jereczek-Fossa, R Orecchia. High-dose-rate interstitial brachytherapy in early stage buccal mucosa and lip cancer: report on 12 consecutive patients and review of the literature. Tumori. 2012;98:471-477.
25. BA Jereczek-Fossa, L Santoro, D Zerini, C Fodor, B Vischioni, M Dispinzieri, I Bossi-Zanetti, F Gherardi, M Bonora, M Caputo, **A Vavassori**, R Cambria, C Garibaldi, F Cattani, DV Matei, G Musi, O De Cobelli, R Orecchia. Image guided hypofractionated radiotherapy and quality of life for localized prostate cancer: prospective longitudinal study in 337 patients. J Urol. 2013;189:2099-103.
26. Pedicini P, Strigari L, Caivano R, Fiorentino A, Califano G, Nappi A, Improta G, Storto G, Cozzolino M, Chiumento C, Fusco V, **Vavassori A**, Benassi M, Orecchia R, Salvatore M. Local tumor control probability to evaluate an applicator-guided volumetric-modulated arc therapy solution as alternative of 3D brachytherapy for the treatment of the vaginal vault in patients affected by gynecological cancer. J Appl Clin Med Phys. 2013 Mar 4;14(2):4075.
27. Botta F, Cremonesi M, Ferrari ME, Amato E, Guerriero F, **A Vavassori**, A Sarnelli, S Severi, G Pedroli, G Paganelli. Investigation of 90Y-avidin for prostate cancer brachytherapy: a dosimetric model for a phase I-II clinical study. Eur J Nucl Med Mol Imaging. 2013;40:1047-56.
28. De Cicco L, Vischioni B, **Vavassori A**, Gherardi F, Jereczek-Fossa BA, Lazzari R, Cattani F, Comi S, De Lorenzi F, Martella S,

- Orecchia R. Postoperative management of keloids: Low-dose-rate and high-dose-rate brachytherapy. *Brachytherapy*. 2014 Feb 17. [Epub ahead of print].
29. Jereczek-Fossa BA, Zerini D, Fodor C, Santoro L, Maucieri A, Gerardi MA, Vischioni B, Cambria R, Garibaldi C, Cattani F, **Vavassori A**, Matei DV, Musi G, De Cobelli O, Orecchia R. Reporting combined outcomes with Trifecta and survival, continence, and potency (SCP) classification in 337 patients with prostate cancer treated with image-guided hypofractionated radiotherapy. *BJU Int*. 2013 [Epub ahead of print].
 30. Vila J, Garcia-Etienne CA, **Vavassori A**, Gentilini O. Conservative surgery for ipsilateral breast tumor recurrence. *J Surg Oncol*. 2014;110:62-67.
 31. Zerini D, Jereczek-Fossa BA, Fodor C, Bazzani F, Maucieri A, Ronchi S, Ferrario S, Colangione SP, Gerardi MA, Caputo M, Cecconi A, Gherardi F, **Vavassori A**, Comi S, Cambria R, Garibaldi C, Cattani F, De Cobelli O, Orecchia R. Salvage image-guided intensity modulated or stereotactic body reirradiation of local recurrence of prostate cancer. *Br J Radiol*. 2015;88: 20150197.
 32. Jereczek-Fossa BA, Colangione SP, Fodor C, Russo S, Cambria R, Zerini D, Bonora M, Cecconi A, Vischioni B, **Vavassori A**, Matei DV, Bottero D, Brescia A, Musi G, Mazzoleni F, Orsi F, Bonomo G, De Cobelli O, Orecchia R. Radiotherapy in Prostate Cancer Patients With Pelvic Lymphocele After Surgery: Clinical and Dosimetric Data of 30 Patients. *Clin Genitourin Cancer*. 2015;13:e223-8
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 35. Ricotti R, **Vavassori A**, Bazani A, Ciardo D, Pansini F, Spoto R, Sammarco V, Cattani F, Baroni G, Orecchia R, Jereczek-Fossa BA. 3D-printed applicators for high dose rate brachytherapy: dosimetric assessment at different infill percentage. *Phys Med*. 2016;32:1698-1706
 36. Ricotti R, Ciardo D, Pansini F, Bazani A, Comi S, Spoto R, Noris S, Cattani F, Baroni G, Orecchia R, **Vavassori A**, Jereczek-Fossa BA. Dosimetric characterization of 3D printed bolus at different infill percentage for external photon beam radiotherapy. *Phys Med*. 2017;39:25-32.
 37. Cattani F, **Vavassori A**, Comi S, Gherardi F, Russo S, Orecchia R, Jereczek-Fossa BA. Can the Day 0 CT-scan predict the post-implant scanning? Results from 136 prostate cancer patients. *Phys Med*. 2017; 40:66-71

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39. Jereczek-Fossa BA, Rojas DP, Zerini D, Fodor C, Viola A, Fanetti G, Volpe S, Luraschi R, Bazani A, Rondi E, Cattani F, **Vavassori A**, Garibaldi C, Alessi S, Pricolo P, Petralia G, Cozzi G, De Cobelli O, Musi G, Orecchia R, Marvaso G, Ciardo D. Reirradiation for isolated local recurrence of prostate cancer: Mono-institutional series of 64 patients treated with salvage stereotactic body radiotherapy (SBRT). *Br J Radiol*. 2019 Feb;92(1094):20180494. doi: 10.1259/bjr.20180494.
40. Volpe S, Jereczek-Fossa BA, Zerini D, Rojas DP, Fodor C, **Vavassori A**, Romanelli P, Vigorito S, Rondi E, Comi S, Cambria R, Cattani F, Dicuonzo S, De Marco P, Beltramo G, Musi G, De Cobelli O, Marvaso G, Orecchia R. Case series on multiple prostate re-irradiation for locally recurrent prostate cancer: something ventured, something gained. *Neoplasma*. 2019;66(2):308-314
41. De Piano F, Buscarino V, Maresca D, Maisonneuve P, Aletti G, Lazzari R, **Vavassori A**, Bellomi M, Rizzo S. Do DWI and quantitative DCE perfusion MR have a prognostic value in high-grade serous ovarian cancer? *Radiol med* 2019. doi:10.1007/s11547-019-01075-z
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43. **Vavassori A**, Riva G, Spoto R, Lazzari R, Fodor C, Dicuonzo S, Francia CM, Augugliaro M, Facondo G, Cambria R, Comi S, Cattani F, Botta F, Bagnardi V, Rizzo S, Colombo N, Orecchia R, Jereczek-Fossa BA. High precision radiotherapy including intensity-modulated radiation therapy and pulsed-dose-rate brachytherapy for cervical cancer: a retrospective monoinstitutional study. *J Contemp Brachytherapy*. 2019;11(6):516–526. doi:10.5114/jcb.2019.90478
44. Lancellotta V, De Felice F, Vicenzi L, Antonacci A, Cerboneschi V, Costantini S, di Cristino D, Tagliaferri L, Cerrotta A, **Vavassori A**, Gribaudo S, Colombo A, Lucà F, Barbara R, Mangoni M, Marampon F, Musio D, Bellati F, Torcia F, Tombolini V, Osti MF, De Sanctis V. The role of vaginal brachytherapy in stage I endometrial serous cancer: a systematic review. *J Contemp Brachytherapy*. 2020 Feb;12(1):61-66. doi: 10.5114/jcb.2020.92698
45. L Tagliaferri, **A Vavassori**, V Lancellotta, V De Sanctis, F Barbera, V Fusco, C Vidali, B Fionda, G Colloca, MA Gambacorta, C Aristei, R Corvò, SM Magrini. Can brachytherapy be properly considered in the clinical practice? Trilogy project: The vision of the AIRO (Italian Association of Radiotherapy and Clinical Oncology) Interventional Radiotherapy study group. *J Contemp Brachytherapy*. 2020;12(1):84-89. doi:10.5114/jcb.2020.92765
46. Lazzari R, Riva G, Augugliaro M, **Vavassori A**, Dicuonzo S, Cattani F, Comi S, Colombo N, Jereczek-Fossa BA. Intensity modulated radiation therapy boost in locally-advanced cervical cancer in the absence of brachytherapy. *Int J Gynecol Cancer*. 2020 May;30(5):607-

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49. Lancellotta V, Cellini F, Fionda B, De Sanctis V, Vidali C, Fusco V, Frassine F, Tomasini D, **Vavassori A**, Gambacorta MA, Franco P, Genovesi D, Corvò R, Tagliaferri L. The role of interventional radiotherapy (brachytherapy) in stage I esophageal cancer: an AIRO (Italian Association of Radiotherapy and Clinical Oncology) systematic review. *Eur Rev Med Pharmacol Sci.* 2020 Jul;24(14):7589-7597. doi: 10.26355/eurev_202007_22257
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52. **Vavassori A**, Durante S, Augugliaro M, Comi S, Cambria R, Cattani F, Lazzari R, Matei DV, Cobelli O, Orecchia R, Jereczek-Fossa BA. Salvage high-dose-rate interstitial brachytherapy for perineal recurrence of prostate cancer after surgery and radiotherapy: a case report. *J Contemp Brachytherapy.* 2020;12(5):492-496. doi: 10.5114/jcb.2020.100383
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Confermo la veridicità delle informazioni qui contenute.

Autorizzo il trattamento dei miei dati personali ai sensi del D.lgs. 196/2003 e del Regolamento Europeo 679/2016")

Buonasera

Con la presente vorrei presentare la mia candidatura in qualità di consigliere per il gruppo di studio ginecologia.

Quale consigliere uscente dal gruppo di interventistica mi candido con il desiderio di poter mantenere attiva la collaborazione tra i due gruppi di studio che presentano tra loro numerosi punti di contatto.

Vorrei partecipare per sponsorizzare il ruolo cardine della brachiterapia in particolare nei trattamenti di vagina e cervice, e promuovere una raccolta dati relativa a pazienti trattate con sole tecniche di radioterapia a fasci esterni in caso di non disponibilità o fattibilità di brachiterapia.

Vi saluto augurandoVi buon lavoro e buona (fine) estate

Andrea Vavassori

Vice Direttore / Deputy Director

Divisione Radioterapia / Radiotherapy Division

Unità Brachiterapia / Brachytherapy Unit

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