

Pubblicazioni Dott.ssa Barbara Avuzzi dal 2015 al 2018

Giannatempo P, Greco T, Mariani L, Nicolai N, Tana S, Farè E, Raggi D, Piva L, Catanzaro M, BIASONI D, Torelli T, Stagni S, Avuzzi B, Maffezzini M, Landoni G, De Braud F, Gianni AM, Sonpavde G, Salvioni R, Necchi A. Radiotherapy or chemotherapy for clinical stage IIA and IIB seminoma: a systematic review and meta-analysis of patient outcomes. *Ann Oncol*. 2015 Apr;26(4):657-68.

Cozzarini C, Rancati T, Carillo V, Civardi F, Garibaldi E, Franco P, Avuzzi B, Esposti CD, Girelli G, Iotti C, Palorini F, Vavassori V, Valdagni R, Fiorino C. Multi-variable models predicting specific patient-reported acute urinary symptoms after radiotherapy for prostate cancer: Results of a cohort study. *Radiother Oncol*. 2015 Aug;116(2):185-91.

Moriconi S, Scalco E, Broggi S, Avuzzi B, Valdagni R, Rizzo G. High quality surface reconstruction in radiotherapy: Cross-sectional contours to 3D mesh using wavelets. *Conf Proc IEEE Eng Med Biol Soc*. 2015:4222-5.

Palorini F, Rancati T, Cozzarini C, Improta I, Carillo V, Avuzzi B, Casanova Borca V, Botti A, Degli Esposti C, Franco P, Garibaldi E, Girelli G, Iotti C, Maggio A, Palombarini M, Pierelli A, Pignoli E, Vavassori V, Valdagni R, Fiorino C. Multi-variable models of large International Prostate Symptom Score worsening at the end of therapy in prostate cancer radiotherapy. *Radiother Oncol*. 2016 Jan;118(1):92-8.

Cozzarini C, Rancati T, Badenchini F, Palorini F, Avuzzi B, Degli Esposti C, Girelli G, Improta I, Vavassori V, Valdagni R, Fiorino C. Baseline status and dose to the penile bulb predict impotence 1 year after radiotherapy for prostate cancer. *Strahlenther Onkol*. 2016 May;192(5):297-304.

Improta I, Palorini F, Cozzarini C, Rancati T, Avuzzi B, Franco P, Degli Esposti C, Del Mastro E, Girelli G, Iotti C, Vavassori V, Valdagni R, Fiorino C. Bladder spatial-dose descriptors correlate with acute urinary toxicity after radiation therapy for prostate cancer. *Phys Med*. 2016 Dec;32(12):1681-1689.

Cicchetti A, Rancati T, Ebert M, Fiorino C, Palorini F, Kennedy A, Joseph DJ, Denham JW, Vavassori V, Fellin G, Avuzzi B, Stucchi C, Valdagni R. Modelling late stool frequency and rectal pain after radical radiotherapy in prostate cancer patients: Results from a large pooled population. *Phys Med*. 2016 Dec;32(12):1690-1697.

Repetto C, Rancati T, Magnani T, Alvisi MF, Avuzzi B, Badenchini F, Marengi C, Stagni S, Maffezzini M, Villa S, Villa S, Salvioni R, Valdagni R, Bellardita L. "What if...": decisional regret in patients who discontinued active surveillance. *Tumori*. 2016 Dec 1;102(6):562-568.

Menichetti J, Villa S, Magnani T, Avuzzi B, Bosetti D, Marengi C, Morlino S, Rancati T, Van Poppel H, Salvioni R, Valdagni R, Bellardita L. Lifestyle interventions to improve the quality of life of men with prostate cancer: A systematic review of randomized controlled trials. *Crit Rev Oncol Hematol*. 2016 Dec;108:13-22.

Giandini T, Panaino CM, Avuzzi B, Morlino S, Villa S, Bedini N, Carabelli G, Frasca SC, Romanyukha A, Rosenfeld A, Pignoli E, Valdagni R, Carrara M. An accurate method to quantify breathing-induced prostate motion for patients implanted with electromagnetic transponders. *Tumori*. 2017 Mar 24;103(2):136-142.

Alvisi MF, Repetto C, Rancati T, Badenchini F, Magnani T, Marengi C, Villa S, Nicolai N, Salvioni R, Avuzzi B, Valdagni R, Bellardita L. Italian cultural adaptation of the Memorial Anxiety for Prostate Cancer scale for the population of men on active surveillance. *Tumori*. 2018 Jun;104(3):172-178. doi: 10.5301/tj.5000646. Epub 2018 May 9.

Marengi C, Alvisi MF, Palorini F, Avuzzi B, Badenchini F, Bedini N, Bellardita L, BIASONI D, Bosetti D, Casale A, Catanzaro M, Colecchia M, De Luca L, Donegani S, Dordoni P, Lanocita R, Maffezzini M, Magnani T, Menichetti J, Messina A, Morlino S, Paolini B, Rancati T, Stagni S, Tesone A, Torelli T, Tulli Baldoïn E, Vaiani M, Villa S, Villa S, Zaffaroni N, Nicolai N, Salvioni R, Valdagni R. Eleven-year management of prostate cancer patients on active surveillance: what have we learned? *Tumori*. 2017 Sep 18;103(5):464-474.

Giandini T, Tenconi C, Carrara M, Ciocca M, Russo S, Panaino CMV, Cattani F, Ciardo D, Morlino S, Avuzzi B, Bedini N, Villa S, Marvaso G, Romanelli P, Hasegawa A, Vischioni B, Valvo F, Jerezek-Fossa BA, Orecchia R, Valdagni R, Pignoli E. Physicists' views on hadrontherapy: a survey of members of the Italian Association of Medical Physics (AIFM). *Tumori*. 2017 Sep 18;103(5):430-437.

Cozzarini C, Rancati T, Palorini F, Avuzzi B, Garibaldi E, Balestrini D, Cante D, Munoz F, Franco P, Girelli G, Sini C, Vavassori V, Valdagni R, Fiorino C. Patient-reported urinary incontinence after radiotherapy for prostate cancer: Quantifying the dose-effect. *Radiother Oncol*. 2017 Oct;125(1):101-106.

Bedini N, Cicchetti A, Palorini F, Magnani T, Zuco V, Pennati M, Campi E, Allavena P, Pesce S, Villa S, Avuzzi B, Morlino S, Visentin ME, Zaffaroni N, Rancati T, Valdagni R. Evaluation of Mediators Associated with the Inflammatory Response in Prostate Cancer Patients Undergoing Radiotherapy. *Dis Markers*. 2018 Feb 25;2018:9128128.

Scalco E, Rancati T, Pirovano I, Mastropietro A, Palorini F, Cicchetti A, Messina A, Avuzzi B, Valdagni R, Rizzo G. Texture analysis of T1-w and T2-w MR images allows a quantitative evaluation of radiation-induced changes of internal obturator muscles after radiotherapy for prostate cancer. *Med Phys*. 2018 Apr;45(4):1518-1528.

Cicchetti A, Avuzzi B, Palorini F, Ballarini F, Stucchi C, Fellin G, Gabriele P, Vavassori V, Esposti CD, Cozzarini C, Fiorino C, Rancati T, Valdagni R. Predicting Late Fecal Incontinence Risk After Radiation Therapy for Prostate Cancer: New Insights From External Independent Validation. *Int J Radiat Oncol Biol Phys*. 2018 Sep 1;102(1):127-136. doi: 10.1016/j.ijrobp.2018.05.013. Epub 2018 Jun 30.

Carrara M, Massari E, Cicchetti A, Giandini T, Avuzzi B, Palorini F, Stucchi C, Fellin G, Gabriele P, Vavassori V, Degli Esposti C, Cozzarini C, Pignoli E, Fiorino C, Rancati T, Valdagni R. Development of a Ready-to-Use Graphical Tool Based on Artificial Neural Network Classification: Application for the Prediction of Late Fecal Incontinence After Prostate Cancer Radiation Therapy. *Int J Radiat Oncol Biol Phys*. 2018 Aug 6. pii: S0360-3016(18)33482-5. doi: 10.1016/j.ijrobp.2018.07.2014. [Epub ahead of print]

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