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Date of Birth 08 10 1963, male

Education

1988 M.D., 110/110 cum laude, Trieste University, Italy

Postdoctoral Training

1996 Post-graduate Diploma in General Oncology, Udine University, Italy
(70/70 cum laude)
2005 Post-graduate Diploma in General Surgery, Udine University, Italy
(70/70)

Professional Experience

1988-1992 Research Fellow at C.R.O. Aviano, Surgical Oncology
1992-1996 Fellow at Udine University, General Oncology
1996-2000 Research Fellow at C.R.O. Aviano, Surgical Oncology
2000-Sept. 2010 Assistant at C.R.O. Aviano, Surgical Oncology
Oct. 2010-present Director of the Breast Surgery Department at C.R.O.
Aviano
Oct. 2013-present Head of the Breast Unit
2018: Ha superato con esito positivo il "1° Corso di formazione
manageriale per lo svolgimento degli incarichi relativi alle
funzioni di direzione sanitaria aziendale e per la direzione di
strutture complesse del Servizio Sanitario Regionale" – CRO -
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CENTRO DI RIFERIMENTO ONCOLOGICO
C.R.O. AVIANO
S.O.C. di Chirurgia Oncologica del Seno
Direttore: Dott. Samuele MASSARUT

Visiting Appointments

- 1995 Visiting Academic Surgery, Royal Marsden Hospital, London, U.K. (2 month-period)
- 1998 Visiting European Institute of Oncology, Milano, Italy (1 month-period)
- 2005 Visiting Department of Surgery and Molecular Oncology, University of Dundee UK (1 month-period)

Teaching and research activities

- 2004-2010: Contract Professor of Anatomy, Nursing School, University of Udine.
- 1998-present: Member of the International Breast Cancer Study Group
- 2008-present: Member of the International Steering Committee of the TARGIT (TARGeted Intraoperative RadioTherapy); University College of London.
- 2008-present: Member of the Melanoma Group, EORTC European Organisation for Research and Treatment of Cancer
- Gen.2012-present: Team Leader for Surgical Activities at C.R.O. Aviano, Accreditation Canada
- 2004-present: Principal Investigator at C.R.O. of several clinical trials of Breast Cancer and Melanoma

PUBLICATIONS

MEDITERRANEAN DIET AND QUALITY OF LIFE IN WOMEN TREATED FOR BREAST CANCER: A BASELINE ANALYSIS OF DEDICA MULTICENTRE TRIAL.

Porciello G, Montagnese C, Crispo A, Grimaldi M, Libra M, Vitale S, Palumbo E, Pica R, Calabrese I, Cubisino S, Falzone L, Poletto L, Martinuzzo V, Prete M, Esindi N, Thomas G, Cianniello D, Pinto M, Laurentiis M, Pacilio C, Rinaldo M, D'Aiuto M, Serraino D, **Massarut S**, Evangelista C, Steffan A, Catalano F, Banna GL, Scandurra G, Ferrà F, Rossello R, Antonelli G, Guerra G, Farina A, Messina F, Riccardi G, Gatti D, Jenkins DJA, Minopoli A, Grilli B, Cavalcanti E, Celentano E, Botti G, Montella M, Augustin LSA.

PLoS One. 2020 Oct 8;15(10):e0239803. doi: 10.1371/journal.pone.0239803. eCollection 2020.

LONG TERM SURVIVAL AND LOCAL CONTROL OUTCOMES FROM SINGLE DOSE TARGETED INTRAOPERATIVE RADIOTHERAPY DURING LUMPECTOMY (TARGIT-IORT) FOR EARLY BREAST CANCER: TARGIT-A RANDOMISED CLINICAL TRIAL.

Vaidya JS, Bulsara M, Baum M, Wenz F, **Massarut S**, Pigorsch S, Alvarado M, Douek M, Saunders C, Flyger HL, Eiermann W, Brew-Graves C, Williams NR, Potyka I, Roberts N, Bernstein M, Brown D, Sperk E, Laws S, Sütterlin M, Corica T, Lundgren S, Holmes D, Vinante L, Bozza F, Pazos M, Le Blanc-Onfroy M, Gruber **CENTRO ITALIANO DI ONCOLOGIA**

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Niewald M, Blohmer J, McCready D, Hoefler R, Kelemen P, Petralia G, Falzon M, Joseph DJ, Tobias JS.

BMJ. 2020 Aug 19;370:m2836. doi: 10.1136/bmj.m2836.

EFFECT OF DELAYED TARGETED INTRAOPERATIVE RADIOTHERAPY VS WHOLE-BREAST RADIOTHERAPY ON LOCAL RECURRENCE AND SURVIVAL: LONG-TERM RESULTS FROM THE TARGIT-A RANDOMIZED CLINICAL TRIAL IN EARLY BREAST CANCER.

Vaidya JS, Bulsara M, Saunders C, Flyger H, Tobias JS, Corica T, **Massarut S**, Wenz F, Pigorsch S, Alvarado M, Douek M, Eiermann W, Brew-Graves C, Williams N, Potyka I, Roberts N, Bernstein M, Brown D, Sperk E, Laws S, Sütterlin M, Lundgren S, Holmes D, Vinante L, Bozza F, Pazos M, Le Blanc-Onfroy M, Gruber G, Polkowski W, Dedes KJ, Niewald M, Blohmer J, McCready D, Hoefler R, Kelemen P, Petralia G, Falzon M, Baum M, Joseph D.

JAMA Oncol. 2020 Jul 1;6(7):e200249. doi: 10.1001/jamaoncol.2020.0249. Epub 2020 Jul 9.

ELECTRON DENSITY AND BIOLOGICALLY EFFECTIVE DOSE (BED) RADIOMICS-BASED MACHINE LEARNING MODELS TO PREDICT LATE RADIATION-INDUCED SUBCUTANEOUS FIBROSIS.

Avanzo M, Pirrone G, Vinante L, Caroli A, Stancanello J, Drigo A, **Massarut S**, Mileto M, Urbani M, Trovo M, El Naqa I, De Paoli A, Sartor G.

Front Oncol. 2020 Apr 21;10:490. doi: 10.3389/fonc.2020.00490. eCollection 2020.

DOWNREGULATION OF MIR-223 EXPRESSION IS AN EARLY EVENT DURING MAMMARY TRANSFORMATION AND CONFERS RESISTANCE TO CDK4/6 INHIBITORS IN LUMINAL BREAST CANCER.

Francesca Citron, Ilenia Segatto, Gian Luca Rampioni Vinciguerra, Lorena Musco, Francesca Russo, Giorgia Mungo, Sara D'Andrea, Maria Chiara Mattevi, Tiziana Perin, Monica Schiappacassi, **Samuele Massarut**, Cristina Marchini, Augusto Amici, Andrea Vecchione, Gustavo Baldassarre, Barbara Belletti

Cancer Res. 2020 Mar 1;80(5):1064-1077. doi: 10.1158/0008-5472.CAN-19-1793. Epub 2019 Dec 20.

TARGETED INTRAOPERATIVE RADIOTHERAPY DURING BREAST-CONSERVING SURGERY FOR BREAST CANCER IN PATIENTS AFTER IMPLANT AUGMENTATION.

Kolberg HC, Uhl V, **Massarut S**, Holmes D, Kolberg-Liedtke C, Kelly EW, Lövey G, Vaidya JS.

Anticancer Res. 2019 Aug;39(8):4215-4218. doi: 10.21873/anticancer.13582.

TEN DAILY FRACTIONS FOR PARTIAL BREAST IRRADIATION. LONG-TERM RESULTS OF A PROSPECTIVE PHASE II TRIAL.

Vinante L, Avanzo M, Furlan C, Fiorica F, Perin T, Militello L, Spazzapan S, Berretta M, Jena R, Stancanello J, Piccoli E, Mileto M, Micheli E, Roncadin M, **Massarut S**, Trovò M.

Breast J. 2019 Mar;25(2):243-249. doi: 10.1111/tbj.13195. Epub 2019 Feb 3.

PREDICTION OF SKIN DOSE IN LOW-KV INTRAOPERATIVE RADIOTHERAPY USING MACHINE LEARNING MODELS TRAINED ON RESULTS OF IN VIVO DOSIMETRY.

Avanzo M, Pirrone G, Mileto M, **Massarut S**, Stancanello J, Baradaran-Ghahfarokhi M, Rink A, Barresi L, Vinante L, Piccoli E, Trovo M, El Naqa I, Sartor G.
Med Phys. 2019 Mar;46(3):1447-1454. doi: 10.1002/mp.13379. Epub 2019 Jan 25.

AXILLARY DISSECTION VERSUS NO AXILLARY DISSECTION IN PATIENTS WITH BREAST CANCER AND SENTINEL-NODE MICROMETASTASES (IBCSG 23-01): 10-YEAR FOLLOW-UP OF A RANDOMISED, CONTROLLED PHASE 3 TRIAL.

Galimberti V, Cole BF, Viale G, Veronesi P, Vicini E, Intra M, Mazzarol G, **Massarut S**, Zgajnar J, Taffurelli M, Littlejohn D, Knauer M, Tondini C, Di Leo A, Colleoni M, Regan MM, Coates AS, Gelber RD, Goldhirsch A; International Breast Cancer Study Group Trial 23-01.

Lancet Oncol. 2018 Oct;19(10):1385-1393. doi: 10.1016/S1470-2045(18)30380-2. Epub 2018 Sep 5.

IMPROVED GMP COMPLIANT APPROACH TO MANIPULATE LIPOASPIRATES, TO CRYOPRESERVE STROMAL VASCULAR FRACTION, AND TO EXPAND ADIPOSE STEM CELLS IN XENO-FREE MEDIA.

Agostini F, Rossi FM, Aldinucci D, Battiston M, Lombardi E, Zanolin S, **Massarut S**, Parodi PC, Da Ponte A, Tessitori G, Pivetta B, Durante C, Mazzucato M.

Stem Cell Res Ther. 2018 May 11;9(1):130. doi: 10.1186/s13287-018-0886-1.

AN EFFICIENT METHOD FOR THE CORRECTION OF IATROGENIC SYMMASTIA: A CASE SERIES.

Zingaretti N, De Biasio F, De Lorenzi F, **Massarut S**, Parodi PC.

Ann Med Surg (Lond). 2018 Mar 29;29:14-18. doi: 10.1016/j.amsu.2018.03.024. eCollection 2018 May.

RETHINKING NEOADJUVANT CHEMOTHERAPY FOR BREAST CANCER.

Vaidya JS, **Massarut S**, Vaidya HJ, Alexander EC, Richards T, Caris JA, Sirohi B, Tobias JS. BMJ. 2018 Jan 11;360:j5913. doi: 10.1136/bmj.j5913. No abstract available.

THE STROCSS STATEMENT: STRENGTHENING THE REPORTING OF COHORT STUDIES IN SURGERY.

Agha RA, Borrelli MR, Vella-Baldacchino M, Thavayogan R, Orgill DP; STROCSS Group. Int J Surg. 2017 Oct;46:198-202. doi: 10.1016/j.ijsu.2017.08.586. Epub 2017 Sep 7.

SEVEN FRACTIONS TO DELIVER PARTIAL BREAST IRRADIATION: THE TOXICITY IS LOW.

Trovo M, Avanzo M, Vinante L, Furlan C, Fiorica F, Perin T, Militello L, Spazzapan S, Berretta M, Jena R, Stancanello J, Piccoli E, Mileto M, Micheli E, Roncadin M, **Massarut S**. Radiat Oncol. 2017 May 23;12(1):86. doi: 10.1186/s13014-017-0825-9.

ERRATUM TO: ELABORATION OF A NOMOGRAM TO PREDICT NONSENTINEL NODE STATUS IN BREAST CANCER PATIENTS WITH POSITIVE SENTINEL NODE, INTRAOPERATIVELY ASSESSED WITH ONE STEP NUCLEIC AMPLIFICATION: RETROSPECTIVE AND VALIDATION PHASE.

Di Filippo F, Di Filippo S, Ferrari AM, Antonetti R, Battaglia A, Becherini F, Bernet L, Boldorini R, Bouteille C, Buglioni S, Burelli P, Cano R, Canzonieri V, Chiodera P, Cirilli A,

Coppola L, Drago S, Di Tommaso L, Fenaroli P, Franchini R, Gianatti A, Giannarelli D, Giardina C, Godey F, Grassi MM, Grassi GB, Laws S, **Massarut S**, Naccarato G, Natalicchio MI, Orefice S, Palmieri F, Perin T, Roncella M, Roncalli MG, Rulli A, Sidoni A, Tinterri C, Truglia MC, Sperduti I.

J Exp Clin Cancer Res. 2017 May 16;36(1):69. doi: 10.1186/s13046-017-0540-2. No abstract available.

LOW GLYCEMIC INDEX DIET, EXERCISE AND VITAMIN D TO REDUCE BREAST CANCER RECURRENCE (DEDICA): DESIGN OF A CLINICAL TRIAL.

Augustin LS, Libra M, Crispo A, Grimaldi M, De Laurentiis M, Rinaldo M, D'Aiuto M, Catalano F, Banna G, Ferrau' F, Rossello R, Serraino D, Bidoli E, **Massarut S**, Thomas G, Gatti D, Cavalcanti E, Pinto M, Riccardi G, Vidgen E, Kendall CW, Jenkins DJ, Ciliberto G, Montella M.

BMC Cancer. 2017 Jan 23;17(1):69. doi: 10.1186/s12885-017-3064-4.

ELABORATION OF A NOMOGRAM TO PREDICT NONSENTINEL NODE STATUS IN BREAST CANCER PATIENTS WITH POSITIVE SENTINEL NODE, INTRAOPERATIVELY ASSESSED WITH ONE STEP NUCLEIC AMPLIFICATION: RETROSPECTIVE AND VALIDATION PHASE.

Di Filippo F, Di Filippo S, Ferrari AM, Antonetti R, Battaglia A, Becherini F, Bernet L, Boldorini R, Bouteille C, Buglioni S, Burelli P, Cano R, Canzonieri V, Chiopera P, Cirilli A, Coppola L, Drago S, Di Tommaso L, Fenaroli P, Franchini R, Gianatti A, Giannarelli D, Giardina C, Godey F, Grassi MM, Grassi GB, Laws S, **Massarut S**, Naccarato G, Natalicchio MI, Orefice S, Palmieri F, Perin T, Roncella M, Roncalli MG, Rulli A, Sidoni A, Tinterri C, Truglia MC, Sperduti I.

J Exp Clin Cancer Res. 2016 Dec 8;35(1):193. doi: 10.1186/s13046-016-0460-6. Erratum in: J Exp Clin Cancer Res. 2017 May 16;36(1):69.

PREFERRED REPORTING OF CASE SERIES IN SURGERY; THE PROCESS GUIDELINES.

Agha RA, Fowler AJ, Rajmohan S, Barai I, Orgill DP; PROCESS Group.

Int J Surg. 2016 Dec;36(Pt A):319-323. doi: 10.1016/j.ijssu.2016.10.025. Epub 2016 Oct 19.

IN REPLY TO PARK ET AL.

Vaidya JS, Bulsara M, Wenz F, Coombs N, Singer J, Ebbs S, **Massarut S**, Saunders C, Douek M, Williams N, Joseph D, Tobias JS, Baum M.

Int J Radiat Oncol Biol Phys. 2016 Nov 1;96(3):707-8. doi: 10.1016/j.ijrobp.2016.06.2461. No abstract available.

P27KIP1 EXPRESSION LIMITS H-RAS-DRIVEN TRANSFORMATION AND TUMORIGENESIS BY BOTH CANONICAL AND NON-CANONICAL MECHANISMS.

Pellizzari I, Fabris L, Berton S, Segatto I, Citron F, D'Andrea S, Cusan M, Benevol S, Perin T, **Massarut S**, Canzonieri V, Schiappacassi M, Belletti B, Baldassarre G.

Oncotarget. 2016 Oct 4;7(40):64560-64574. doi: 10.18632/oncotarget.11656

REDUCED MORTALITY WITH PARTIAL-BREAST IRRADIATION FOR EARLY BREAST CANCER: A META-ANALYSIS OF RANDOMIZED TRIALS.

Vaidya JS, Bulsara M, Wenz F, Coombs N, Singer J, Ebbs S, **Massarut S**, Saunders C, Douek M, Williams NR, Joseph D, Tobias JS, Baum M.

Int J Radiat Oncol Biol Phys. 2016 Oct 1;96(2):259-265. doi: 10.1016/j.ijrobp.2016.05.008. Epub 2016 May 13. Review.

ENVIRONMENTAL AND SOCIAL BENEFITS OF THE TARGETED INTRAOPERATIVE RADIOTHERAPY FOR BREAST CANCER: DATA FROM UK TARGIT-A TRIAL CENTRES AND TWO UK NHS HOSPITALS OFFERING TARGIT IORT.

Coombs NJ, Coombs JM, Vaidya UJ, Singer J, Bulsara M, Tobias JS, Wenz F, Joseph DJ, Brown DA, Rainsbury R, Davidson T, Adamson DJ, **Massarut S**, Morgan D, Potyka I, Corica T, Falzon M, Williams N, Baum M, Vaidya JS.

BMJ Open. 2016 May 9;6(5):e010703. doi: 10.1136/bmjopen-2015-010703.

PRECLINICAL VALIDATION OF A NOVEL COMPOUND TARGETING P70S6 KINASE IN BREAST CANCER.

Segatto I, **Massarut S**, Boyle R, Baldassarre G, Walker D, Belletti B.

Aging (Albany NY). 2016 May;8(5):958-76. doi: 10.18632/aging.100954.

IN REGARD TO HEPER AND WAZER.

Vaidya JS, Bulsara M, Wenz F, Joseph D, Saunders C, **Massarut S**, Flyger H, Eiermann W, Alvarado M, Esserman L, Falzon M, Brew-Graves C, Potyka I, Tobias JS, Baum M.

Int J Radiat Oncol Biol Phys. 2015 Aug 1;92(5):953-954. doi: 10.1016/j.ijrobp.2015.05.038.

Epub 2015 Jul 14. No abstract available.

PRIDE, PREJUDICE, OR SCIENCE: ATTITUDES TOWARDS THE RESULTS OF THE TARGIT-A TRIAL OF TARGETED INTRAOPERATIVE RADIATION THERAPY FOR BREAST CANCER.

Vaidya JS, Bulsara M, Wenz F, Joseph D, Saunders C, **Massarut S**, Flyger H, Eiermann W, Alvarado M, Esserman L, Falzon M, Brew-Graves C, Potyka I, Tobias JS, Baum M; TARGIT trialists' group.

Int J Radiat Oncol Biol Phys. 2015 Jul 1;92(3):491-7. doi: 10.1016/j.ijrobp.2015.03.022. Epub 2015 Apr 8. No abstract available.

SERITM™: A SURGICAL SCAFFOLD FOR BREAST RECONSTRUCTION OR FOR BACTERIAL GROWTH?

Almesberger D, Zingaretti N, Di Loreto C, **Massarut S**, Pasqualucci A, Parodi P.

J Plast Reconstr Aesthet Surg. 2015 Jun;68(6):870-1. doi: 10.1016/J.Bjps.2015.02.012. Epub 2015 Feb 14. No Abstract Available.

ANTHRACYCLINE-FREE NEOADJUVANT THERAPY INDUCES PATHOLOGICAL COMPLETE RESPONSES BY EXPLOITING IMMUNE PROFICIENCY IN HER2+ BREAST CANCER PATIENTS.

Miolo G, Muraro E, Martorelli D, Lombardi D, Scalone S, Spazzapan S, **Massarut S**, Perin T, Viel E, Comaro E, Talamini R, Bidoli E, Turchet E, Crivellari D, Dolcetti R.

BMC Cancer. 2014 Dec 15;14:954. doi: 10.1186/1471-2407-14-954.

SURGERY-INDUCED WOUND RESPONSE PROMOTES STEM-LIKE AND TUMOR-INITIATING FEATURES OF BREAST CANCER CELLS, VIA STAT3 SIGNALING.

Segatto I, Berton S, Sonogo M, **Massarut S**, Perin T, Piccoli E, Colombatti A, Vecchione A, Baldassarre G, Belletti B.

Oncotarget. 2014 Aug 15;5(15):6267-79.

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P70S6 KINASE MEDIATES BREAST CANCER CELL SURVIVAL IN RESPONSE TO SURGICAL WOUND FLUID STIMULATION.

Segatto I, Berton S, Sonogo M, **Massarut S**, Fabris L, Armenia J, Mileto M, Colombatti A, Vecchione A, Baldassarre G, Belletti B.

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ANTHRACYCLINE-FREE NEOADJUVANT THERAPY INDUCES PATHOLOGICAL COMPLETE RESPONSES BY EXPLOITING IMMUNE PROFICIENCY IN HER2+ BREAST CANCER PATIENTS.

Miolo G, Muraro E, Martorelli D, Lombardi D, Scalone S, Spazzapan S, **Massarut S**, Perin T, Viel E, Comaro E, Talamini R, Bidoli E, Turchet E, Crivellari D, Dolcetti R.

BMC Cancer. 2014 Dec 15;14:954. doi: 10.1186/1471-2407-14-954.

SURGERY-INDUCED WOUND RESPONSE PROMOTES STEM-LIKE AND TUMOR-INITIATING FEATURES OF BREAST CANCER CELLS, VIA STAT3 SIGNALING.

Segatto I, Berton S, Sonogo M, **Massarut S**, Perin T, Piccoli E, Colombatti A, Vecchione A, Baldassarre G, Belletti B.

Oncotarget. 2014 Aug 15;5(15):6267-79.

P70S6 KINASE MEDIATES BREAST CANCER CELL SURVIVAL IN RESPONSE TO SURGICAL WOUND FLUID STIMULATION.

Segatto I, Berton S, Sonogo M, **Massarut S**, Fabris L, Armenia J, Mileto M, Colombatti A, Vecchione A, Baldassarre G, Belletti B.

Mol Oncol. 2014 May;8(3):766-80. doi: 10.1016/j.molonc.2014.02.006. Epub 2014 Mar 12.

RISK-ADAPTED TARGETED INTRAOPERATIVE RADIOTHERAPY VERSUS WHOLE-BREAST RADIOTHERAPY FOR BREAST CANCER: 5-YEAR RESULTS FOR LOCAL CONTROL AND OVERALL SURVIVAL FROM THE TARGIT-A RANDOMISED TRIAL.

Vaidya JS, Wenz F, Bulsara M, Tobias JS, Joseph DJ, Keshtgar M, Flyger HL, **Massarut S**, Alvarado M, Saunders C, Eiermann W, Metaxas M, Sperk E, Sütterlin M, Brown D, Esserman L, Roncadin M, Thompson A, Dewar JA, Holtveg HM, Pigorsch S, Falzon M, Harris E, Matthews A, Brew-Graves C, Potyka I, Corica T, Williams NR, Baum M; TARGIT trialists' group.

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INHIBITION OF BREAST CANCER LOCAL RELAPSE BY TARGETING P70S6 KINASE ACTIVITY.

Segatto I, Berton S, Sonogo M, **Massarut S**, D'Andrea S, Perin T, Fabris L, Armenia J, Rampioni G, Lovisa S, Schiappacassi M, Colombatti A, Bristow RG, Vecchione A, Baldassarre G, Belletti B.

J Mol Cell Biol. 2013 Dec;5(6):428-31. doi: 10.1093/jmcb/mjt027. Epub 2013 Jul 29. No abstract available.

AXILLARY DISSECTION VERSUS NO AXILLARY DISSECTION IN PATIENTS WITH SENTINEL-NODE MICROMETASTASES (IBCSG 23-01): A PHASE 3 RANDOMISED CONTROLLED TRIAL.

Galimberti V, Cole BF, Zurrada S, Viale G, Luini A, Veronesi P, Baratella P, Chifu C, Sargenti M, Intra M, Gentilini O, Mastropasqua MG, Mazzarol G, **Massarut S**, Garbay JR, Zgajnar J, Galatius H, Recalcati A, Littlejohn D, Bamert M, Colleoni M, Price KN, Regan MM, Goldhirsch A, Coates AS, Gelber RD, Veronesi U; International Breast Cancer Study Group Trial 23-01 investigators.

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EPIRUBICIN AND DOCETAXEL AS NEOADJUVANT TREATMENT OF HORMONE RECEPTOR POSITIVE, HER-2 NEGATIVE BREAST CANCER: FINDINGS FROM TWO SUCCESSIVE PHASE II STUDIES.

Tuzi A, Lombardi D, Crivellari D, Militello L, Perin T, La Grassa M, **Massarut S**, Veronesi A.

Radiol Oncol. 2013 Mar;47(1):57-62. doi: 10.2478/raon-2013-0012. Epub 2013 Feb 1.

TOXICITY AND COSMESIS FOLLOWING PARTIAL BREAST IRRADIATION CONSISTING OF 40 GY IN 10 DAILY FRACTIONS.

Trovo M, Roncadin M, Polesel J, Piccoli E, Mileto M, Micheli E, Perin T, Carbone A, **Massarut S**, Trovo MG.

Breast. 2013 Oct;22(5):744-7. doi: 10.1016/j.breast.2012.12.012. Epub 2013 Jan 22.

WHOLE GENOME METHYLATION PROFILES AS INDEPENDENT MARKERS OF SURVIVAL IN STAGE III C MELANOMA PATIENTS.

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J Transl Med. 2012 Sep 5;10:185. doi: 10.1186/1479-5876-10-185

IN VIVO DOSIMETRY WITH RADIOCHROMIC FILMS IN LOW-VOLTAGE INTRAOPERATIVE RADIOTHERAPY OF THE BREAST.

Avanzo M, Rink A, Dassie A, **Massarut S**, Roncadin M, Borsatti E, Capra E.

Med Phys. 2012 May;39(5):2359-68. doi: 10.1118/1.3700175.

LOCOREGIONAL FAILURE IN EARLY-STAGE BREAST CANCER PATIENTS TREATED WITH RADICAL MASTECTOMY AND ADJUVANT SYSTEMIC THERAPY: WHICH PATIENTS BENEFIT FROM POSTMASTECTOMY IRRADIATION?

Trovo M, Durofil E, Polesel J, Roncadin M, Perin T, Mileto M, Piccoli E, Quitadamo D, **Massarut S**, Carbone A, Trovo MG.

Int J Radiat Oncol Biol Phys. 2012 Jun 1;83(2):e153-7. doi: 10.1016/j.ijrobp.2011.12.050. Epub 2012 Mar 2.

THE ADVANTAGE OF LETROZOLE OVER TAMOXIFEN IN THE BIG 1-98 TRIAL IS CONSISTENT IN YOUNGER POSTMENOPAUSAL WOMEN AND IN THOSE WITH CHEMOTHERAPY-INDUCED MENOPAUSE.

Breast Cancer Res Treat. 2012 Jan;131(1):295-306. Epub 2011 Sep 4.

Chirgwin J, Sun Z, Smith I, Price KN, Thürlimann B, Ejlertsen B, Bonnefoi H, Regan MM, Goldhirsch A, Coates AS; BIG 1-98 Collaborative and International Breast Cancer Study Groups.

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ASSESSMENT OF LETROZOLE AND TAMOXIFEN ALONE AND IN SEQUENCE FOR POSTMENOPAUSAL WOMEN WITH STEROID HORMONE RECEPTOR-POSITIVE BREAST CANCER: THE BIG 1-98 RANDOMISED CLINICAL TRIAL AT 8.1 YEARS MEDIAN FOLLOW-UP.

Lancet Oncol. 2011 Nov;12(12):1101-8. Epub 2011 Oct 20.

Regan MM, Neven P, Giobbie-Hurder A, Goldhirsch A, Ejlertsen B, Mauriac L, Forbes JF, Smith I, Láng I, Wardley A, Rabaglio M, Price KN, Gelber RD, Coates AS, Thürlimann B; BIG 1-98 Collaborative Group; International Breast Cancer Study Group (IBCSG).

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