

CURRICULUM VITAE
ANTONELLA LUISA RASTELLI, M.D.

Personal Information

Female

Birth Place: Rochester, Minn (USA)

Citizenship

USA/Italy

Address and Telephone Numbers

Office: Division of Oncology, Breast Health Program

Department of Internal Medicine

Washington University School of Medicine

Telephone: (314) 747-7522

Office: Unità Tumori Ereditari, Istituto Oncologico Veneto, IRCCS Padova

Telephone: 049-8215503

Present Position

Associate Professor in Medicine, Division of Oncology, Department of Internal Medicine, Washington University School of Medicine, St.Louis.

Contrattista, Istituto Oncologico Veneto (IOV), IRCCS, Padova

Education

- 1 Liceo Classico Diploma, Liceo "Maffei", Verona, Italy.
- 1 Degree in Medicine and Surgery, 110/110 Summa cum Laude.

University of Verona School of Medicine, Verona, Italy.

1994-1997 Residency in Internal Medicine, Department of Internal
Medicine, Barnes-Jewish Hospital at Washington University, St. Louis, MO

2000-2002 Clinical Fellowship in Women's Health at Washington University. St. Louis, MO.

Academic Positions

1 Research Associate in Ophthalmology, Washington University,
St. Louis, MO.

1 Instructor in Medicine, Division of Bone and Mineral Diseases,
Department of

Internal Medicine, Washington University School of Medicine, St. Louis.

Instructor in Surgery, Division of Surgical Oncology, Department of Surgery,
Washington University School of Medicine, St. Louis.

1997-present Staff Physician, Barnes-Jewish Hospital, St. Louis, MO

2002-2007 Instructor, Department of Internal Medicine, Washington University.

2007-2013 Assistant Professor, Department of Internal Medicine, Washington University.

2013-present Associate Professor, Department of Internal Medicine, Washington University.

University Hospital and Appointments

1997-present Staff Physician, Barnes-Jewish Hospital

Medical Licensure and Board Certification

1991 Medical License Certification, Italian Medical Association, Italy.

1991 ECFMG Basic Medical Science Component, part 1.

1993 Federation License Examination part 1.

1997 NBE, part 3

1997 Missouri Medical License

1997 Board Certified in Internal Medicine

Professional Societies

1991 Italian Medical Association

1996 American College of Physician

- 2003 American Society of Bone and Mineral Research (ASBMR)
2004 International Society of Clinical Densitometry (ISCD)

Major Invited Professorships and Lectureships

Professorship

Sept 30, 2005. “ Giancarlo Rastelli, MD: A Life” 15th Annual Farouk S. Idriss, MD Visiting Professorship in Cardiovascular-Thoracic Surgery at Chicago Children’s Memorial Hospital.

Keynote lecture

Sept 21, 2007 “ Giancarlo Rastelli, MD: In His Own Words” Midwest Pediatric Cardiology Society Meeting in St. Louis, Mo.

Magistral Lecture

June 25th, 2008. “My father. Dr. Giancarlo Rastelli” XVIIth Parma International Echo Meeting. Parma, Italy.

March 12th, 2009 “Giancarlo Rastelli, MD: In his own words”. Invited Speaker for the *History of Medicine Society* at Mayo Clinic, Rochester Minnesota

Opening Lecture

May 1st , 2009. “Giancarlo Rastelli, MD” WSOPC meeting. Yosemite, California.

Nov 27th 2010 Invited speaker to the Physicians of Parma, Italy.. “Giancarlo Rastelli , MD. Mio padre.”

September 15th 2012 Invited speaker to the joint meeting of Congenital Heart Surgeon’s Society and European Congenital Heart Surgeons Association in Chicago. The value of life: Lessons learned from my father, Giancarlo Rastelli.

March 26th, 2015. 45th Historia Medica lecture at Washington University School of Medicine, St. Louis. “Heart to Heart: The Life and Letters of Dr. Giancarlo Rastelli, Pioneer of Cardiothoracic Surgery”.

May 9th, 2017. Invited speaker to the University of Bologna Medical Students. “La Vita e le lettere di Giancarlo Rastelli, Pioniere di Cardiochirurgia”.

Other lectures

May 15, 2002. "Post-transplantation osteoporosis". Transplant team Washington University School of Medicine.

Sept 17, 2002 "Breast Cancer Prevention". Barnes West County Hospital organized by the Alvin Siteman Cancer Center.

Nov 14, 2002. "Evaluation and Management of the patient at high risk for developing Breast Cancer". Endocrine Grand Rounds, Washington University School of Medicine.

Feb 12, 2003. "Breast Health 2003: New options for the High Risk Patient". Junior League of St. Louis, Women in Medicine.

Feb 21, 2003. "Medical Management of the High Risk Patient". Surgery CME Course, Washington University, St.Louis.

May 3, 2003. "Healthy Bones. It is never too late!". Women's Health Event organized by Washington University School of Medicine.

Sept 11, 2003. "A man with bones 'hard as rock' complaining of diffuse body pain", Endocrine Grand Rounds, Washington University School of Medicine.

Sept 28, 2003. "The STAR Trial and Breast Cancer Prevention", Barnes West County Hospital, organized by the Alvin Siteman Cancer Center.

Feb 27, 2004. "Women at High Risk for Breast Cancer: the Surgeon's Responsibility". Surgery CME Course Washington University, St.Louis.

Apr 14, 2007. "An update on the diagnosis and therapy of osteoporosis" 10 year celebration of Orthopedics at the Casa di Cura Spatocco, Chieti, Italy.

April 2007. 45 minute interview on Regional TV broadcasting, Abruzzi Region, Italy, concerning Vitamin D and bone health, April 2007.

May 19, 2007. "Osteoporosis and the state of Vitamin D in elderly patients in Abruzzo, Italy". Internal Medicine CME course for Italian Physicians, Chieti, Italy.

Feb 9, 2008. "Supportive care of the breast cancer patient". 2007 San Antonio Breast Cancer Symposium CME Course Review.

September 18, 2008. "Vitamin D and cancer". Angel of Hope fund raiser event on behalf of Siteman Cancer Center.

Feb 7, 2009. "Supportive care of the breast cancer patient". 2008 San Antonio Breast Cancer Symposium CME Course Review.

September 2009. "Did You Know That Using SPF30 Can Contribute to Vitamin D Deficiency?"

Discover how the deficiency of this vital nutrient can lead to other health concerns and find out what you can do about it. Community talk for the series "Women in Medicine".

Nov 6, 2009. "Breast Cancer Risk and Prevention". 2009 Contemporary Women Health Issues CME Course.

Feb 13, 2010. "Supportive care of the breast cancer patient". 2009 San Antonio Breast Cancer Symposium CME Course Review.

Feb 14, 2011. "Supportive care of the patient with breast cancer and the patient at increased risk for breast cancer". 2010 San Antonio Breast Cancer Symposium CME Course Review.

Oct 25, 2011. "Vitamin D: the sunshine Vitamin". 2011 Mini medical school at Washington University.

Dec 2, 2011. "Management of bone health in patients with breast cancer ". 2011 Contemporary Women Health Issues CME Course.

Feb , 2012. "Quality of life in breast cancer patients". 2011 San Antonio Breast Cancer Symposium CME Course Review.

Feb 2013. "Living with and after breast cancer". 2012 San Antonio Breast Cancer Symposium CME Course Review.

Feb 2014. "Living with and after breast cancer". 2013 San Antonio Breast Cancer Symposium CME Course Review.

Feb 18, 2015. "Living with and after breast cancer". 2014 San Antonio Breast Cancer Symposium CME Course Review.

March 2015. "Skeletal Manifestations of Treatment of Breast Cancer". Endocrinology Noon Conference

April 16, 2015. "Bone Loss in BMT patients". Thursday noon Bone Marrow Transplant Conference.

Feb 18, 2016. "Bone-targeted therapy for breast cancer patients treated with Aromatase Inhibitors". Endocrinology Noon Conference

Sept 21, 2017. "Management of Women at High Risk of Breast Cancer". Case Presentations for the Multidisciplinary Tumor Board 1. 13th Annual Meet the Professor, Advanced International Breast Cancer Course, Padova, Sept. 21-23, 2017.

Consulting Relationships and Board Memberships

Ely-Lilly consultation since 2004

Procter and Gamble consultation since 2005

Scientific Board Ely-Lilly on breast cancer risk and Raloxifene, 2005, 2006 & 2008.

Research Support

1. Antonella Rastelli (PI for WUMS) 2002-present

‘STAR Trial: The Study of Tamoxifen and Raloxifene’ NSABP/NCI

2. Antonella Rastelli (PI for WUMS) 2002-present

‘CO-STAR Trial. Cognitive function of patients on Tamoxifen and Raloxifene’
NSABP/NCI.

3. Antonella Rastelli (PI for WUMS) 2005-present

‘MAP.3 Trial: Breast cancer prevention trial comparing exemestane versus
placebo’ NCIC

4. Antonella Rastelli (PI) 2006-present

A double blind, randomized, placebo controlled trial of high dose Vitamin D therapy on musculoskeletal symptoms and bone mineral density in anastrozole-treated early stage breast cancer patients with marginal vitamin D status.

5. Antonella Rastelli (investigator) 2006-present

Reina Villareal (PI)

CYP aromatase polymorphisms and bone density changes in breast cancer patients taking aromatase inhibitors.

Clinical Title and Responsibilities

Associate Professor of Medicine, Division of Oncology

- 1) Long-term f/u of early stage breast cancer patients, especially concerning other medical issues related to breast cancer and treatments (bone health, menopausal symptoms, lipid changes, depression, obesity).
- 2) DCIS Clinic
- 3) High Risk Clinic for patients at increased risk for breast cancer.
- 4) Benign Breast Disease Clinic
- 5) Osteoporosis Clinic
- 6) Attending inpatient service on Medicine

Teaching responsibilities

Teaching of medical students, residents, and fellows rotating through outpatient clinics and inpatient service

Publications

1. Tychsen L, **Rastelli A**, Steinman B. (1998) Biases of motion perception revealed by reversing gratings in humans who had infantile-onset strabismus.
Developmental Medicine Child Neurology, 38: 408-422.
1. **Rastelli A**. (2003) Breast Pain, Fibrocystic Changes and Breast Cysts. 'Problems in General Surgery', Eds. V.Herrmann, Vol 20, No. 4, pp 15-26. Lippincott, Williams & Wilkins Inc, Philadelphia.
1. Napoli N, Vattikuti S, Ma C, **Rastelli A**, Rayani A, Donepudi R, Asadfard M, Yarramaneni J, Ellis M, Armamento-Villareal R. (2010) High Prevalence of Low Vitamin D and Musculoskeletal Complaints in Women with Breast Cancer.
Breast Journal. 2010 Nov-Dec;16(6):609-16

1. **Rastelli AL**, Taylor ME, Gao F, Armamento-Villareal R, Jamalabadi-Majidi S, Napoli N, Ellis MJ (2011)

Vitamin D and aromatase inhibitor-induced musculoskeletal symptoms (AIMSS): a phase II, double-blind, placebo-controlled, randomized trial.

Breast Cancer Res Treat. 2011 Aug;129(1):107-16

1. Cyr AE, Margenthaler JA, Conway J, **Rastelli AL**, Davila RM, Gao F, Dietz JR (2011) Correlation of ductal lavage cytology with ductoscopy-directed duct excision histology in women at high risk for developing breast cancer: a prospective, single-institution trial.

Ann Surg Oncol. 2011 Oct;18(11):3192-7

1. Al Mushawah F, **Rastelli A**, Pluard T, Margenthaler JA (2011)

Metastatic Invasive Breast Cancer Recurrence Following Curative-Intent Therapy for Ductal Carcinoma In Situ.

J Surg Res. 2012 March;173(1):10-5

1. Napoli N, **Rastelli A**, Ma C, Yarramaneni J, Vattikutti S, Moskowitz G, Mueller C, Kulkarny V, Qualls C, Ellis M, Armamento-Villareal R (2012)

Genetic polymorphism at Val80 (rs700518) of the CYP19A1 Gene is associated with Aromatase Inhibitor bone loss in Women with ER+ breast cancer.

Bone. 2013 Aug;55(2):309-14

1. Fontana L, Adelaiye RM, **Rastelli AL**, Miles KM, Ciamporcero E, Longo VD, Ngyen8 H, Vessella8 R, and Pili R,

Dietary protein restriction inhibits tumor growth in human xenograft models of prostate and breast cancer.

Oncotarget. 2013 Dec;4(12):2451-61

9. Napoli N, **Rastelli A**, Ma C, Colleluori G, Vattikuti S, Armamento-Billareal R.

Genetic polymorphism at Val80 (rs700518) of the CYP19A1 gene is associated with body composition changes in women on aromatase inhibitors for ER (+) breast cancer.

Pharmacogenet Genomics. 2015 Aug;25(8):377-81. Doi: 10.1097/FPC.0000000000000146.

1. Lamming DW, Cummings NE, **Rastelli** AL, Gao F, Cava E, Bertozzi B, Spelta F, Pili R, Folntana L. Restriction of dietary protein decreases mTORC1 in tumors and somatic tissues of a tumor-bearing mouse xenograft model. *Oncotarget*. 2015 Oct 13;6(31):31233-40

Abstracts

1. **A. Rastelli**, S. Steinman, L. Tychsen, and A. Burkhalter (1992) “Magno-Weighted” stimuli disclose biases of vertical and horizontal motion perception in human infantile strabismus.. *Society for Neuroscience Abstract*

1. **A. Rastelli**, A. Peru, S. Aglioti, G. Berlucchi (1992) Covert shifts of attention in three-dimensional space.. *Psychonomics Society Abstract*

1. **A. Rastelli**, B. Matsumoto, L. Tychsen, and R.G. Boothe (1993) Long-term instability of vergence eye movement in monkeys who lacked normal binocular experience in infancy.. *ARVO Abstract*

1. **A. Rastelli**, M. Silverman, B. Falsini, D. Grosf (1994) A non-human primate model for retinitis pigmentosa: ERG evidence.. *ARVO Abstract*

1. D. Grosf, B. Falsini, **A. Rastelli**, A. Heidbreder, D. Meyer, K. Ohlemiller, M. Silverman (1994) Focal erg in Rabbit: Dependence on stimulus eccentricity and area. *ARVO Abstract*

1. X. Wang, M. Wu, M. Landgraf, **A. Rastelli**, M. Silverman (1994) A surgical procedure for transplantation of extended photoreceptor sheets to the subretinal space. *ARVO Abstract*

2. **A.Rastelli**, M.Botney (1996) Rupture of the aortic arch by penetrating atherosclerotic ulceration. American College of Physician Regional Meeting, MO

1. **A. Rastelli**, N. Napoli, R. Civitelli (2003) Intravenous Pamidronate Increases Bone Density in Postmenopausal Women Previously Treated with Oral Bisphosphonates. ASBMR Abstract,

1. **A. Rastelli**, H. Khoury, N. Napoli, R. Villareal, S. Teitelbaum (2003) Mastocytosis Associated with Osteosclerosis.. ASBMR Minneapolis, MN

1. JR Dietz, **Rastelli A**, Bokern J, Herrmann V (2003) Mammary Ductoscopy to further Characterize Ductal Lavage-Diagnosed Atypia: Correlation Between Cytology, Endoscopy, and Surgical Pathology. SSO Abstract

1. ME.Taylor, **A Rastelli**, R Civitelli, K Weilbaecher, M Ellis (2004) Incidence of 25-OH Vitamin D deficiency in patients with a history of breast cancer who have musculoskeletal symptomatology. SABCS P2-443

1. N. Napoli, C. Ma, S. Vattikuti, M. R. Azadfar, **A. Rastelli**, M. Ellis, R. C. Armamento-Villareal. (2007) Prevalence of Vitamin D Insufficiency in Patients with Breast Cancer. ASBMR

1. **A. Rastelli MD**, M. Taylor MD, R. Villareal MD, S Jamalabadi-Majidi DMD, F. Gao PhD, MJ. Ellis MD PhD. 2009 A double-blind, randomized, placebo-controlled trial of high dose Vitamin D therapy on musculoskeletal pain and Bone Mineral Density in Anastrozole-treated breast cancer patients with marginal Vitamin D status. SABCS

Medical Related Activities

1. Anatomical drawings of the human brain and body.

2. Illustration of: Tychsen, L. (1992). Binocular Vision, Chapter 24. In W. H. Hart (Ed.), Adler's Physiology of the eye: Clinical Applications. St. Louis, C.V. Mosby.