



Lorenzo Nardo, M.D., Ph.D.

Clinical Interests	Dr. Nardo is a fellowship-trained oncologic imaging and board-certified diagnostic radiologist and nuclear medicine physician. He has special clinical interest in musculoskeletal radiology including sport medicine, osteoarthritis and primary/metastatic bone disease.
Research/Academic Interests	<p>Dr. Lorenzo Nardo's main interest is translational research. He wants to provide clinical background to basic science researchers, assessing clinical feasibility of research projects and to apply new imaging techniques in clinical studies.</p> <p>Dr. Nardo's research program has two main focuses: (i) application of new imaging techniques and therapies in osteoarthritis and sport medicine: (ii) advanced imaging and new therapy for cancer.</p>
Title	Assistant Professor
Specialty	Oncologic Imaging, Musculoskeletal Radiology
Department	Radiology
Division	Musculoskeletal Radiology Nuclear Medicine
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	UC Davis Medical Center, UC Davis Medical Center - Trauma, Acute Care Surgery and Surgical Critical Care, 2315 Stockton Blvd. ER Sacramento, CA 95817 Phone: 800-2-UCDAVIS (800-282-3284)
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Italian
Education	M.D., University of Brescia, Brescia, Italy 2006 Ph.D., MRI Imaging, University of Brescia, Brescia, Italy
Internships	Internal Medicine, University of Brescia, Brescia Italy
Residency	American Board of Radiology Alternate Pathway, Department of Radiology, University of California, San Francisco Radiology and Biomedical Imaging, University of Brescia, Brescia, Italy
Fellowships	Oncologic Radiology, Memorial Sloan Kettering Cancer Center, New York NY Radiology, UC Davis Medical Center, Sacramento CA 2017-2018



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Board Certifications

American Board of Nuclear Medicine, 2016
American Board of Radiology, 2016
European Board of Radiology, 2015

Professional Memberships

European Society of Radiology
Radiologic Society of North America

Honors and Awards

Paul Calabresi Career Development Award for Clinical Oncology: NIH-NIC PAR 18-292 Title: Theranostics development in Osteosarcoma imaging and treatment Funded August 1st, 2018-September 11th, 2019
R01CA249422-01: Basic applications for total-body PET in oncology Status: Awarded on September 11th, 2019
University Of California San Francisco, Medical Center Exceptional Physician Award-To the physician who have demonstrated the core value of the UCSF Medical Center: Professionalism Respect Integrity Diversity Excellence., 2016
Radiological Society of North America (RSNA), Trainee Prize, 2012
Merit Award, Magna Cum Laude, 2012
Radiological Society of North America (RSNA) Research and Educational Foundation Roentgen Resident/Fellow Research Award-In Recognition of Outstanding Radiologic Research, 2016

Select Recent Publications

Golia Pernicka JS, Gagniere J, Chakraborty J, Yamashita R, Nardo L, Creasy JM, Petkovska I, Do RRR, Bates DDB, Paroder V, Gonen M, Weiser MR, Simpson AL, Gollub MJ. Radiomics-based prediction of microsatellite instability in colorectal cancer at initial computed tomography evaluation. *Abdom Radiol (NY)*. 2019 Nov;44(11):3755-3763. doi: 10.1007/s00261-019-02117-w. PMID: 31250180

Badawi RD, Shi H, Hu P, Chen S, Xu T, Price PM, Ding Y, Spencer BA, Nardo L, Liu W, Bao J, Jones T, Li H, Cherry SR. First Human Imaging Studies with the EXPLORER Total-Body PET Scanner. *J Nucl Med*. 2019 Mar;60(3):299-303. doi:10.2967/jnumed.119.226498. Epub 2019 Feb 7. PMID: 30733314

Ding Y, Sohn JH, Kawczynski MG, Trivedi H, Harnish R, Jenkins NW, Lituiev D, Copeland TP, Aboian MS, Mari Aparici C, Behr SC, Flavell RR, Huang SY, Zalocusky KA, Nardo L, Seo Y, Hawkins RA, Hernandez Pampaloni M, Hadley D, Franc BL. A Deep Learning Model to Predict a Diagnosis of Alzheimer Disease by Using 18F-FDG PET of the Brain. *Radiology*. 2019 Feb;290(2):



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456-464. doi: 10.1148/radiol.2018180958. Epub 2018 Nov 6. PMID: 30398430

Shelton TJ, Singh S, Bent Robinson E, Nardo L, Escobedo E, Jackson L, Kreulen CD, Giza E. The Influence of Percentage Weight-Bearing on Foot Radiographs. *Foot Ankle Spec.* 2019 Aug;12(4):363-369. doi: 10.1177/1938640018810412. Epub 2018 Oct 31. PMID: 30379105

Kazakia GJ, Carballido-Gamio J, Lai A, Nardo L, Facchetti L, Pasco C, Zhang CA, Han M, Parrott AH, Tien P, Krug R. Trabecular bone microstructure is impaired in the proximal femur of human immunodeficiency virus-infected men with normal bone mineral density. *Quant Imaging Med Surg.* 2018 Feb;8(1):5-13. doi: 10.21037/qims.2017.10.10. PMID: 29541618

Behr SC, Bahroos E, Hawkins RA, Nardo L, Ravanfar V, Capbarat EV, Seo Y. Quantitative and Visual Assessments toward Potential Sub-mSv or Ultrafast FDG PET Using High-Sensitivity TOF PET in PET/MRI. *Mol Imaging Biol.* 2018 Jun;20(3):492-500. doi: 10.1007/s11307-017-1145-z. PMID: 29192363

Guimaraes JB, Zanoteli E, Link TM, de Camargo LV, Facchetti L, Nardo L, Fernandes ADRC. Sporadic Inclusion Body Myositis: MRI Findings and Correlation With Clinical and Functional Parameters. *AJR Am J Roentgenol.* 2017 Dec;209(6):1340-1347. doi: 10.2214/AJR.17.17849. Epub 2017 Sep 27. PMID: 28952813

Lambert JW, Phillips ED, Villanueva-Meyer JE, Nardo L, Facchetti L, Gould RG. Axial or Helical? Considerations for wide collimation CT scanners capable of volumetric imaging in both modes. *Med Phys.* 2017 Nov;44(11):5718-5725. doi: 10.1002/mp.12525. Epub 2017 Sep 22. PMID: 28833277

Pedoa V, Haefeli J, Morioka K, Teng HL, Nardo L, Souza RB, Ferguson AR, Majumdar S. MRI and biomechanics multidimensional data analysis reveals R2 -R1 as an early predictor of cartilage lesion progression in knee osteoarthritis. *J Magn Reson Imaging.* 2018 Jan;47(1):78-90. doi:



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10.1002/jmri.25750. Epub 2017 May 4. PMID: 28471543

Schwaiger BJ, Kopperdahl DL, Nardo L, Facchetti L, Gersing AS, Neumann J, Lee KJ, Keaveny TM, Link TM. Vertebral and femoral bone mineral density and bone strength in prostate cancer patients assessed in phantomless PET/CT examinations. *Bone*. 2017 Aug;101:62-69. doi: 10.1016/j.bone.2017.04.008. Epub 2017 Apr 24. PMID: 28442297

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