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Professional Profile

Dr. Keyserling reviews medical imaging studies and addresses issues pertaining to medical imaging. He is a licensed, board certified radiologist with additional fellowship training and certification in neuroradiology. He has over 15 years of experience as a practicing radiologist, with extensive experience in all aspects of diagnostic radiology, including radiographs, computed tomography (CT) scans, magnetic resonance imaging (MRI), ultrasound, and nuclear medicine.

Dr. Keyserling has particular interest in imaging of the brain and spine as well as trauma radiology. His clinical work involves interpretations of images involving traumatic and non-traumatic pathologies as well as consultations with physicians from all specialties, and his academic work includes both research and training of medical students and residents.

Dr. Keyserling maintains an academic appointment as associate professor of radiology at Stanford University with a primary clinical appointment at the Palo Alto VA Medical Center. He has been an invited speaker at both national and international conferences. He also provides clinical services to the VA's National Teleradiology Program, interpreting imaging studies from acute care settings across the VA's national network of hospitals and clinics. In addition to his clinical and academic duties with Stanford and the VA, he also serves as a consultant radiologist to the Centers for Disease Control and Prevention (CDC) Division of Global Migration and Quarantine, where he provides teaching sessions for civil surgeons and provides radiologist oversight for the development of an artificial intelligence program to aid in immigrant screenings.

Academic Credentials & Professional Honors

M.D., Medicine, Medical College of Georgia, 1999

B.S., Biology and German, University of Georgia, 1994

Neuroradiology Fellowship, Duke University, 2005

Diagnostic Radiology Residency, University of North Carolina at Chapel Hill, 2004

Transitional Year Internship, Atlanta Medical Center, 2000

Professional Affiliations

American Roentgen Ray Society (member)

Publications

Weil EJ, Keyserling H, Feuerstein B, Murphy O. Close your eyes and see: Stroke sequelae versus functional neurological disorder in a physician. *Eur Neurol* 2023;86(4):287-294.

Lee SH, Fox S, Smith R, Skrobarcek KA, Keyserling H, Phares CR, Lee D, Posey DL. Development and validation of a deep learning model for detecting signs of tuberculosis on chest radiographs among US-bound immigrants and refugees. *PLOS Digit Health* 2024 Sep 30;3(9):e0000612

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Keyserling H. The Radiology of Tuberculosis. Invited lecture for The Centers for Disease Control and Prevention, Division of Global Migration and Quarantine, Grand Rounds Session III. Atlanta, Georgia. April 13, 2022.

Weiner DK, Holloway K, Levin E, Keyserling H, Epstein F, Monaco E, Sembrano J, Brega K, Nortman S, Krein SL, Gentili A, Katz JN, Morrow LA, Muluk V, Pugh MJ, Perera S. Identifying biopsychosocial factors that impact decompressive laminectomy outcomes in veterans with lumbar spinal stenosis: a prospective cohort study, *PAIN* 2021; 162(3):835-845.

Saint-Germain K, Keyserling HF. Isolated right common iliac artery aneurysm and right common iliac artery-left common iliac vein fistula. Case report in the Case in Point section of the website for the American College of Radiology (www.acr.org), September 2014.

Keyserling HF, Petrella JR, Lascola CR. Imaging of the patient with cognitive impairment. Web-based lecture on the website of the American Roentgen Ray Society (www.arrs.org). December 2008—present.

Keyserling HF. Conventional CT & MR imaging of the demented patient. Abstract at the 108th Annual Meeting of the American Roentgen Ray Society. Washington, DC. April 2008.

Keyserling HF, Provenzale JM. Atypical imaging findings in a near-fatal case of posterior reversible encephalopathy syndrome in a child. *AJR Am J Roentgenol* 2007;188(1):219-21.

Keyserling HF, Mukundan S Jr. The role of conventional MR and CT in the work-up of dementia patients (reprint). *Magn Reson Imaging Clin N Am* 2006;14(2):169-82.

Keyserling HF, Grimme JD, Camacho DLA, Castillo M. Nasal septal perforation secondary to rhinitis medicamentosa. *Ear Nose Throat J* 2006; 85(6):376, 378-9.

Keyserling HF, Mukundan S Jr. The role of conventional MR and CT in the work-up of dementia patients. *Neuroimaging Clin N Am* 2005;15(4):789-802.

Shah LM, Keyserling HF, Pekala JR, Huh B, Gray L. CT-fluoroscopically guided neurolytic sympathetic plexus block: an efficacious pain management approach in patients with unresectable cancer. Abstract at the 43rd Annual Meeting of the American Society of Neuroradiology. Toronto, Ontario. May 2005.

Imaging Atlas of Human Anatomy, 3rd Edition. Book Review. *Acad Radiol* 2005;12(4):531.

Pocket Radiologist: Breast – Top 100 Diagnoses. Book Review. *Acad Radiol* 2005;12(1):131.

Pocket Radiologist: Obstetrics – Top 100 Diagnoses. Book Review. *Acad Radiol* 2004;11(11):1320-1321.

Camacho DLA, Smith JK, Grimme JD, Keyserling HF, Castillo M. Atypical MR imaging perfusion in

developmental venous anomalies. AJNR Am J Neuroradiol 2004;25(9):1549-52.

Keyserling HF, Peterson KD, Camacho DLA, Castillo M. Giant cell angiofibroma of the orbit. AJNR Am J Neuroradiol 2004;25(7):1266-8.

Keyserling HF, Castillo M, Smith JK. Cranial fasciitis of childhood. AJNR Am J Neuroradiol 2003;24(7):1465-7.

Keyserling HF, Hyslop WB, Grimme JD. Can mean attenuation values be used to discriminate between phleboliths and urinary calculi on renal colic CT? Abstract at the 18th Annual Radiology Research Symposium of the University of North Carolina Hospitals. Chapel Hill, North Carolina. April 2003.

Musculoskeletal Imaging: Case Review. Book Review. Acad Radiol 2003;10(1):97.

Keyserling HF, Fielding JR, Mittelstaedt CA. Renal sonography in the intensive care unit: when is it necessary? J Ultrasound Med 2002; 21(5):517-20.

Obstetric and Gynecologic Ultrasound: Case Review. Book Review. Acad Radiol 2002;9(5):565.

Keyserling HF, Fielding JR, Mittelstaedt CA. Renal ultrasound in the ICU: when is it necessary? Abstract at the 17th Annual Radiology Research Symposium of the University of North Carolina Hospitals. Chapel Hill, North Carolina. March 2002.

Atlas of Emergency Radiology. Book Review. Acad Radiol 2001;8(12):1262.

Genitourinary Imaging: Case Review. Book Review. Acad Radiol 2001;8(11):1168.