



Rex M. Pillai, M.D.

Philosophy of Care

Patients and their physicians turn to me to assist in the care of complex medical problems using the safe, minimally-invasive and innovative technologies the field of interventional radiology is built upon. I strive to provide individualized care to each of my patients based on the latest scientific evidence, practice experience from training at some of the nations' top institutions, and above all, their specific needs.

As an image-guided specialist, my patients are offered targeted, minimally-invasive, therapeutic options for diseases that have historically been untreatable or required extensive and morbid surgical operations.

Clinical Interests

Rex Pillai, M.D., an assistant clinical professor, is a minimally-invasive vascular and image-guided specialist performing diagnostic and interventional procedures for adult and pediatric patients. He has expertise in tumour-directed arterial therapy (chemo and radioembolization), tumor ablation and high-intensity focused ultrasound therapies focusing on liver, kidney and bone cancers. He treats female patients with symptomatic fibroids (uterine fibroid embolization) and pelvic congestion syndrome as well as male patients with varicoceles. His specialized clinical interests also include the treatment of vascular and lymphatic malformations, and pediatric percutaneous and endovascular image-guided interventions.

Research/Academic Interests

My research interests include application of high-intensity focused ultrasound in treating pediatric solid-organ tumors, novel treatments for vascular malformations, evaluating treatment methodologies and responses of hepatic tumours to radioembolization and biomedical device development.

Title Assistant Clinical Professor, Interventional Radiology

Specialty Adult and Pediatric Interventional Radiology, Diagnostic Radiology, Pediatric Radiology

Department [Radiology](#)

Division Vascular and Interventional Radiology

Center/Program Affiliation [Vascular Center](#)

[UC Davis Children's Hospital](#)

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817

Additional Phone Phone: 916-703-2177



Rex M. Pillai, M.D.

Phone: 916-734-7809

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

- Education** M.D., Ross University School of Medicine, Iselin NJ & Portsmouth WI 2009
B.Sc., University of British Columbia, Vancouver, Canada 2004
- Internships** General Surgery, Mount Sinai School of Medicine, New York NY 2009-2010
- Residency** Diagnostic Radiology, Mount Sinai School of Medicine, New York NY 2010-2014
- Fellowships** Vascular & Interventional Radiology, The Cleveland Clinic, Cleveland OH 2015-2016
Pediatric Imaging and Interventional Radiology, UC Los Angeles Medical Center, Los Angeles CA 2014-2015
- Board Certifications** American Board of Radiology, 2015
- Professional Memberships** American College of Radiology
American Roentgen Ray Society
Radiological Society of North America
Society of Interventional Radiology
Society of Pediatric Interventional Radiology
Society of Pediatric Radiology
- Honors and Awards** Research Award, UCLA Medical Center, 2015
Research Scholar Award, American Gastroenterology Association, 2005
- Select Recent Publications** Truscott L, Gell J, Chang VY, Lee H, Strom SP, Pillai R, Sisk A, Martinez-Agosto JA, Anderson M, Federman N. Novel association of familial testicular germ cell tumor and autosomal dominant polycystic kidney disease with PKD1 mutation. *Pediatr Blood Cancer*. 2017 Jan;64(1):100-102.

Pillai R, Kapoor B. Management of Complications of Portal Hypertension: Special Considerations. In: Kapoor B, Madoff C, editors. *Digestive Disease Interventions*, First edition. Thieme, New York, NY. 2017. In print.

Pillai R, McLennan G, Martin C 3rd. The makings of an ideal interventional radiology clinical clerkship: Survey results of medical students and interventional radiology educators to improve medical student training in preparation for the IR/DR residency (accepted by Society of



Rex M. Pillai, M.D.

Interventional Radiology, 2016)

Martin C 3rd, Pillai R. Dialysis Access Anatomy and Interventions: A Primer. Semin Intervent Radiol. 2016 Mar;33(1):52-5.

Pillai R, Ghahremani S. Utilizing T2* MRI as an alternative to percutaneous biopsy in assessing hepatic iron concentration in pediatric patients with hemochromatosis (accepted by Society of Computed Body Tomography and Magnetic Resonance, 2015)

Assi K, Pillai R, Gómez-Muñoz A, Owen D, Salh B. The specific JNK inhibitor SP600125 targets tumour necrosis factor-alpha production and epithelial cell apoptosis in acute murine colitis. Immunology. 2006 May;118(1):112-21.

© 2019 UC Regents