# Sandra Wootton Gorges, M.D.

Clinical Interests Dr. Gorges's clinical interests center on general pediatric radiology, including plain film,

fluoroscopy, ultrasonography, CT and MRI. She is an expert in the radiographic evaluation of child abuse and in pediatric neuroimaging. Dr. Gorges concentrates her research activities in pediatric imaging, including dose reduction and appropriate utilization of resources in pediatric CT, and evaluation of the etiology of cerebral edema in pediatric diabetic ketoacidosis. She also has a strong

interest in medical student education, and has published several book chapters.

Title Director of Pediatric Imaging

Medical Director of Radiology, Shriner's Hospital of Northern California

Professor

**Specialty** Radiology, Radiology - Pediatric Radiology

**Department** Radiology

**Division** Pediatric Radiology

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

95817

Phone: 916-734-0655

UC Davis Medical Center, 2315 Stockton Blvd. Suite 1808 Sacramento, CA 95817

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

Education M.D., UC San Francisco School of Medicine, San Francisco, California, 1985

B.S., San Jose State University, San Jose, California, 1980

Internships Mt. Zion Hospital and Medical Center, San Francisco, California, 1985-1986

Residency UC San Diego, San Diego, California, 1986-1990

Fellowships Children's Hospital Boston, Boston, Massachusetts, 1990-1992

**Board Certifications** American Board of Radiology, 1990

American Board of Radiology, Pediatric Radiology, 2005



### Sandra Wootton Gorges, M.D.

### Professional Memberships Alpha On

Alpha Omega Alpha

American Institute of Ultrasound in Medicine

American Roentgen Ray Society

American Society of Pediatric Neuroradiology

Children's Oncology Group

Pacific Coast Pediatric Radiology Association

Radiological Society of North America

Society of Pediatric Radiology

#### Honors and Awards

President, Pacific Coast Pediatric Radiology Association, 2010

Senior faculty Radiology Teaching Excellence Award, UC Davis Department of Radiology, 2009 Award for Excellence in Manuscript Review in Pediatric Radiology, The Society for Pediatric Radiology, 2008

Award for Excellence in Manuscript Review in Pediatric Radiology, The Society for Pediatric Radiology, 2005

UC Davis Department of Radiology Award for Excellence in Professionalism, 2004 Outstanding Teacher Award, Department of Radiology, UC Davis, 2001

#### Select Recent Publications

Bateni C, Stein-Wexler R, Wootton-Gorges SL, Li CS. Radiology residents' experience with intussusception reduction. Pediatr Radiol 2011 41(6):721-6.

Charmie K, Kurzrock EA, Evans CP, Litwin MS, Koppie TM, Wootton-Gorges Sl, Boone JM, Lara PN Jr., deVere White RW. Secondary malignancies among non-seminomatous germ cell turmor cancer survivors. Cancer. 2011 Mar 15. doi:10.1002/cncr.26038. [Epub ahead of print] Lam D, Wootton-Gorges SL, McGahan JP, Stern R, Boone JM. Abdominal pediatric cancer surveillance using serial computed tomography: evaluation of organ absorbed dose and effective dose. Semin Oncol. 2011 Feb 38:128.135.

Sonik A, Stein-Wexler R, Rogers KK, Coulter KP, Wootton-Gorges SL. Follow-up skeletal surveys for suspected non-accidental trauma: can a more limited survey be performed without compromising diagnostic information? Child Abuse Negl. 2010 Oct; 34(10):804-6.

Wootton-Gorges SL, Buonocore MH, Caltagirone RA, Kuppermann N, Glaser NS. Progressive decrease in NAA/Cr ratio in a teenager with type 1 diabetes and repeated episodes of ketoacidosis without clincally apparent cerbral edema: evidence for permanent brain injury. Am J Neuroradiol. 2010 (Apr) 31:780.

Kuppermann N, Holmes JF, Dayan PS, Hoyle JD Jr. Atabaki SM, Holubkov R, Nadel FM, Monroe D, Stanley RM, Borgialli DA, Badawy MK, Schunk JE, Quayle KS, Mahajan P, Lichenstein R, Lillis



## Sandra Wootton Gorges, M.D.

KA, Tunik MG, Jacobs ES, Callahan JM, Gorelick MH, Glass TF, Lee LK, Bachman MC, Cooper A, Powell EC, Gerardi MJ, Melville KA, Muizelaar JP, Wisner DH, Zuspan SJ, Dean JM, Wootton-Gorges SL; Pediatric Emergency Care Applied Research Network (PECARN). Identification of children at very low risk of clinically-important brain injuries after head trauma: a prospective cohort study. *Lancet* 2009 Oct 3:374(9696); 1160-70.

Duffield C, Jocson J, Wootton-Gorges SL. Brainstem disconnection: a case report. Pediatr Radiol. 2009 (Dec); 39(12):1357-1360.

Wootton-Gorges SL. MR imaging of primary bone tumors and tumor-like conditions in children. *Magn Reson Imaging Clin N Am* 2009; 17(3):469-487, August 2009.

Wootton-Gorges SL. MR imaging of primary bone tumors and turmor-like conditiona in children. Radiol Clin North Am. 2009 (Nov):47(6):957-975.

Albrecht LA, Gorges SW, Styne DM, Bremer AA. Shwachman-Diamond syndrome presenting as hypoglycemia. Clin Pediatr(Phila). 48(2):212-214, March 2009.

Glaser NS, Marcin JP, Wootton-Gorges SL, Buonocore MH, Rewers A, Strain J, diCarlo J, Neely EK, Barnes P, Kuppermann N. Clinical Correlation of DKA-related Cerebral Edema Measured by Magnetic Resonance Diffusion Weighted Imaging. *J Pediatr.* 2008 Oct 153(4):541-546.

Wootton-Gorges SL, Stein-Wexler R, Walton JW, Rosas AJ, Coulter KP, Rogers KK. Comparison of computed tomography and chest radiography in the detection of rib fractures in abused infants. *Child Abuse Negl.* 2008 Jun; 32(6):659-63.

Wootton-Gorges SL, Buonocore MH, Kuppermann N, Marcin JP, Barnes PD, Neely EK, Dicarlo J, McCarthy T, Glaser NS. Cerebral proton magnetic resonance spectroscopy in children with diabetic ketoacidosis. *Am J Neuroradiol* 28(5):895-899, May 2007.

Wootton-Gorges SL, Glaser NS. Imaging of the brain in children with diabetes mellitus. *Pediatr RadioI* 27:863-869, August 2007.

© 2013 UC Regents

