

Jennette L. Boakes, M.D., M.S.

Clinical Interests	<p>Dr. Boakes' clinical interests include treatment of hip dysplasia in children and adolescents, congenital and acquired limb deformity, leg length discrepancy, congenital disorders of the foot (including clubfoot), and fracture care. Dr. Boakes' research interests include muscle physiology and adaptation; muscle structure/function relationships; spastic muscle; muscle adaptation to leg lengthening; in vivo sarcomere length measurement; gait analysis, and physical fitness.</p> <p>Philosophy of Care</p> <p>With my expertise and interest in muscle function and physical fitness I encourage patients to participate in their own healing with exercise, muscle retraining and therapy when needed. I frequently advise non-operative treatment before recommending surgery. I try to incorporate my patients' needs as well as their parents' goals in developing a treatment plan. I strive for excellence in surgery, using safe and proven techniques that I know will improve patients' function. I also participate in 'cutting-edge' research studies of new techniques which will benefit my patients.</p>
Title	Professor
Specialty	Orthopaedic Surgery - Pediatric Orthopaedic Surgery
Department	Orthopaedic Surgery
Division	Pediatric Orthopaedics
Center/Program Affiliation	UC Davis Children's Hospital
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Education	<p>M.D., UC San Diego, La Jolla, California, 1986</p> <p>M.S., UC Davis, Davis, California, 1982</p> <p>B.S., UCLA, Los Angeles, California, 1981</p>
Internships	David Grant USAF Medical Center, Travis AFB, CA, 1987
Residency	University of Utah Medical Center, Salt Lake City, UT, 1991
Fellowships	

Jennette L. Boakes, M.D., M.S.

University of California, Davis, Sacramento, CA, 1992

Board Certifications American Board of Orthopaedic Surgery, 1994

American Board of Orthopaedic Surgery, recertification, 2004

Professional Memberships American Academy of Orthopaedic Surgeons

Christian Medical and Dental Association

Limb Lengthening and Reconstruction Society

Pediatric Orthopaedic Society of North America

Shands Circle. Orthopaedic Research and Education Foundation

Select Recent Publications Walker JL, Knapp DF, Minter C, Boakes JL, Salazar JC, Sanders JO, Lubicky JP, Drvaric DM, Davids JR. Fibular Deficiency: Adult Outcomes Following Amputation or Lengthening in Childhood. *J. Bone Joint Surg* 91A(4):797-804, 2009.

Wright, James G., Yandow, Suzanne, Donaldson, Sandra, Marley, Lisa, on Behalf of The Simple Bone Cyst Trial Group: D. Stephens, J. Crim, KA Murray, B. Alman, D. Armstrong, G. Baird, RM. Bernstein, J. Boakes, J. Bollinger, K. Carroll, P. Caskey, W. Cole, J. D'Astous, R Durkin, H. Epps, D. Feldman, R Ferguson, J. Fisk, K. Guidera, D. Grogan, D. Hedden, A. Howard, MA James, B. Joseph, H. Kim, J. Lubicky, R. Lyon, R McCall, J. McCarthy, C. Mehlman, M. Murphy-Zane, U. Narayanan, C. Novick, C. Ono, N.Y. Otsuka, E. Raney, J. Sanders, D. Scher, P. Schoenecker, P. Smith, A. Stans, S. Sundberg, V. Talwalkar, J. Tavares, C. Tylkowski, H. van Bosse, K. Walker, J. Walker, J.G. Wright, and S. Yandow. A Randomized Clinical Trial Comparing Intralesional Bone Marrow and Steroid Injections for Simple Bone Cysts. *J Bone Joint Surg Am* 2008; 90: 722-730. Gupta, MC; Wijesekera, S; Soosan, A; Martin, L; Vogel, LC; Boakes, JL; Lerman, JA; McDonald, CM, Betz, RR. Reliability of radiographic parameters in neuromuscular scoliosis. *Spine*. 32(6):691-695. March 15, 2007.

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Lieber RL and Boakes JL. Muscle force and moment arm contributions to torque production in frog hindlimb. *Am J Physiol* 254 (Cell Physiol) 23:C769-C772, 1988.

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