

Scott A. Hoffinger, M.D.

Lucile Packard Children's Hospital at Stanford
Stanford University School of Medicine
300 Pasteur Drive, Edwards's Bldg. R105
MC: 5341 Stanford, CA 94305

Date of Birth: September 17, 1959
Birthplace: Bronx, New York
Citizenship: United States

Education:

<u>Institution</u>	<u>Graduation/Degree</u>
Harborfields High School, Long Island, New York	1977
University of Michigan, Ann Arbor, MI, Six Year Premedical / Medical Program	1980/A.B
University of Michigan, Medical School	1983/ M.D
Internship / Assistant Residency – General Surgery	1983-1985
Residency Orthopaedic Surgery	1985-1988
Yale University- New Haven Medical Center	
Fellowship in Pediatric Orthopaedics / Scoliosis	1988-1989
Univ. California, Davis Medical Center, Dr. George Rab, Dr. Daniel Benson	
Stanford Byers Center for Biodesign, Fellowship in Biodesign and Innovation	2017 - 2018

Current Position:

Clinical Professor Orthopaedic Surgery, Stanford University School of Medicine
Vice Chief for Operations, Stanford Children's Health Orthopaedics
Director of Orthopaedic Outreach, Stanford Children's Health

Board Certification:

American Board of Orthopaedic Surgeons, Certification	July 1991
Part I (written) July, 1989; Part II (oral) July, 1991 Recertification	2001, 2011

Medical Licensure:

State of California Medical License No. G063381	1998 - Present
State of Nevada Medical License No. 12050	2006 – Present
State of Colorado Medical License No. 56969	2016 - Present

Professional/Academic Appointments (past)

Director Orthopaedics, Children's Hospital Oakland	1993 - 2012
President Children's Orthopaedic Associates Medical Group	2000 - 2012
Clinical Associate Professor, University of California San Francisco	1993 - 2012
Assistant Professor Orthopaedics, Children's Hospital, Seattle	1989 - 1993
Medical Director Gait Analysis Laboratory, Children's Hospital Seattle	1989 - 1993

Professional Organizations:

American Orthopaedic Association (AOA), Fellow	2010
American Academy of Orthopaedic Surgeons, (AAOS), Fellow	1993
Pediatric Orthopaedic Society of North America (POSNA), Member	1992
Alameda Contra Costa Medical Association (ACCMA), Member	1993
California Orthopaedic Association, (CMA), Member	1993
American Academy for Cerebral Palsy and Developmental Medicine (AAPDM), Member	1989

Professional Positions / Committees:

American Orthopaedic Association Finance Committee	2017 - current
Medical Advisory Board, Little People of America	2015 - current
Medical Insurance Exchange of California Board of Directors (Physician owned malpractice insurer for California, Washington, Idaho and Hawaii Underwriting Committee / Malpractice Claims Committee / Finance Committee)	2005 - current
Northern California Skeletal Dysplasia Registry (Founding Board Member)	1999 - Present
Peacock Center for Spasticity and Cerebral Palsy (Founding Member)	2008 - Present
Journal Reviewer - Journal of Pediatric Orthopaedics	2000 - Present
Journal Reviewer - Archives of Physical Medicine and Rehabilitation	2005 - Present
Journal Reviewer - Developmental Medicine and Child Neurology	2008 - Present
President, American Academy for Cerebral Palsy and Developmental Medicine	2011-2012
Treasurer, American Academy for Cerebral Palsy and Developmental Medicine	2006 - 2008, 2012-2013
Board of Directors, AAPDM	2004 - 2013
AAOS Liability Committee	2012 - 2016
POSNA Education Committee	2014 - 2016
AAPDM, Scientific Program Chair	2002-2003
POSNA, Practice Management Committee	2004-2006, Chair 2006
American Academy of Orthopaedic Surgeons Committee on Liability	2010 - 2014
Alameda Contra Costa Medical Association, Board of Councilors,	2005 - 2012

Professional Positions and Committees (< 2000):

POSNA Committee of Trauma	1998-2001
AACMA Committee on Pediatric Sports Medicine	1996-1998
AAOS Committee on Allied Health	1996
Children's First Healthcare Network Board of Directors (Founding Member)	
AAOS Representative to AACPDM Ad Hoc	
Committee on Standards in Gait Analysis	1995-1998
AACPDM Membership Committee (Chair 1997)	1996-1998
AACPDM Instructional Course Chair	1992
Journal Editorial Board- Gait and Posture	1993-1996

Hospital Positions:

Children's Hospital and Research Center at Oakland Medical Staff President	2004-2005
CHRCO Board of Directors	2003-2006
Children's Hospital Oakland Research Institute Board of Directors	2003-2006
Medical Executive Committee	1998-2006
Operating Room Committee, Utilization Review, Finance Committee	
Translational Research Committee, Quality Improvement Committee	

Honors and Awards:

US News and World Report Top Doctors 2011 - 2018

Best Doctors in America 2005 - 2006, 2007-2008, 2009-2010, 2011-2018

Outstanding Resident Teacher:

James O. Johnston Award, UCSF Department of Orthopaedics, Resident Class of 1995.

Visiting Professorships and Invited Speaker:

Shriners Hospital, Greenville, South Carolina, Mucopolysaccharidoses	2018
American Academy for Cerebral Palsy Developmental Medicine, Orthopaedic Day	2018
POSNA / ASEAN Conference Lead, Khon Kaen, <u>Thailand</u>	2017
University of Basra, <u>Iraq</u> , College of Medicine, 2 nd Orthopaedic Conference	2017
Shriner's Hospital, Sacramento, Working Group on Hip Surveillance	2015
POSNA / ASEAN Invited Speaker, Yangon, <u>Myanmar</u>	2015
POSNA / ASEAN Invited Speaker 2013, Kuching, <u>Malaysia</u>	2013
POSNA / Indonesian Orthopaedic Association, Jakarta, <u>Indonesia</u>	2011
First National Iraqi Orthopaedic Society Meeting Basrah, <u>Iraq</u>	2013
University of Basra, <u>Iraq</u> , First International Orthopaedic Conference	2010
Vietnamese Pediatric Orthopaedic Society" Ho Chi Minh City, <u>Vietnam</u>	2010

Visiting Professorships and Invited Speaker (cont'd):

European Academy for Childhood Disability, "Long Term Follow Up of Hip Osteotomy in Children with Cerebral Palsy." Brussels, Belgium, May, 2010.

University of Virginia, 15 Annual Neuromuscular Conference, "Femoral Osteotomy in Cerebral Palsy" and "Orthopaedic Approach to Cerebral Palsy." December, 2009

University of Texas Galveston, Inaugural Austin Symposium, "Elbow Injuries in the Pediatric Athlete" and "Foot and Ankle Injuries in the Pediatric Athlete." May, 2009

Medical Alliance for Iraq /International Medical Corps, Iraqi Orthopaedic Society (in formation), Elbow Fractures and Femur Fractures in Children, Basrah, Iraq, March, 2009

Pediatric Orthopaedic Society of North America, invited by the Thailand Pediatric Orthopaedic Society and Vietnamese Pediatric Orthopaedic Society. Hip Dysplasia, Congenital and Acquired Foot Problems, Treatment of Physeal Arrest, January, 2008

Pediatric Orthopaedic Society of North America, invited by the Taiwanese Pediatric Orthopaedic Society, Thai Pediatric Orthopaedic Society, and Vietnamese Pediatric Orthopaedic Society. Musculoskeletal Infections in Children, Developmental Hip Dysplasia -Treatment I Complications, January, 2005

Pediatric Orthopaedic Society of North America, Southeast Asia Trauma Course Hong Kong; Bangkok, Thailand; Ho Chi Minh City, Vietnam, January, 2003

Peer Reviewed, Journal Articles Published:

A Case Report of Combined Ultrasound and Fluoroscopic-Guided Percutaneous Radiofrequency Lesioning of the Obturator and Femoral Articular Branches in the Treatment of Persistent Hip Pain in a Pediatric Patient. Khan JS, Krane EJ, Higgs M, Pritzlaff S, Hoffinger S, Ottestad E. Pain Pract. 2018 Jun 13

Pediatric Supracondylar Humerus Fractures in the US, Trends in Specialization and Open Treatment. Vorhies, J., Imrie, M., Rinsky, L., Hoffinger, Scott A. Submitted for publication, Journal of Pediatric Orthopaedics

Mucopolysaccharidosis IVA (Morquio A syndrome) and VI (Maroteaux-Lamy syndrome): under-recognized and challenging to diagnose. Lachman RS, Burton BK, Clarke LA, Hoffinger S, Ikegawa S, Jin DK, Kano H, Kim OH, Lampe C, Mendelsohn NJ, Shediac R, Tanpaiboon P, White KK. Skeletal Radiol. 2014 Mar;43(3):359-69.

Fung, Ellen, Humphrey, Marcie, Gildengorin, Ginny, Goldstein, Natalie, Hoffinger, Scott A. "Rapid Re-Mineralization of the Distal Radius Following Forearm Fracture in Children" Journal of Pediatric Orthopaedics, 2011;31(2):138-43

Hoffinger S. The influence of age on timing of single-event multilevel surgery: are adolescents with cerebral palsy comparable to a younger cohort? Dev Med Child Neurol. 2011 Aug;53(8):678-9.

Hoffinger S. "In the shadows of life." Dev Med Child Neurol. 2010 Sep;52(9):787.

Morsched, Saam, Hoffinger, Scott A., Humphrey, Marcie. "Retention of Flexible Intramedullary Nails Following Treatment of Pediatric Femur Fractures." Arch Orthop Trauma Surg. January, 2007

Peer Reviewed, Journal Articles Published (cont'd):

Abbott, Myles, Hoffinger, Scott A., Nguyen, Dao, and Weintraub, Dana. "Scooter Injuries: A New Pediatric Morbidity. Pediatrics, July, 2001

Townsend, Donald and Hoffinger, Scott A. "Intramedullary Nailing Of Femoral Shaft Fractures In Children Via The Trochanter Tip," Clinical Orthopaedics and Related Research. 2000;376:113-118.

Iyengar, S., Hoffinger, Scott A., Townsend, D. "Immediate vs. Delayed Reduction and Pinning of Type III Displaced Supracondylar Elbow Fractures – A Comparative Study." Journal of Orthopaedic Trauma. 1999;13(1):51-5.

Nork, Sean, Bellig, Greg, and Hoffinger, Scott A. "Femur Fractures in Children Under Age 2 – With Special Reference to Shortening and Eventual Leg Length Discrepancy. Clinical Orthopaedics and Related Research. 1998;357:186-191.

Nork, Sean, Hoffinger, Scott A., and Fontes, Roger. "External Fixation vs. Traction in the Treatment of Pediatric Femoral Shaft Fractures, A Comparison of Charges and Actual Costs. Journal of Orthopaedic Trauma. 1998;12(8):563-568.

Hoffinger, Scott A., "Evaluation and Management of Pediatric Foot Deformities." Pediatric Clinics of North America. October, 1996

Hays, Ross M., McLaughlin, John F., Bjornson, Kristie, Hoffinger, Scott A., Roberts, Theodore S., Astley, Susan, and Price, Robert. The Efficacy of Selective Dorsal Rhizotomy in Cerebral Palsy. The Western Journal of Medicine. December, 1992.

Hoffinger, Scott A., Rab, George T., and Salamon, Peter B., "Metaphyseal" Cysts in Legg-Calve-Perthes' Disease. Journal of Pediatric Orthopaedics, 1991;11(3):301-306.

Hoffinger, Scott A. "Gait Analysis in Pediatric Rehabilitation." Rehabilitation Clinics of North America. November, 1991.

Hoffinger, Scott A., Keggi, Kristaps J., and Zatorski, Laurine, Primary Ceramic Hip Replacement, A Prospective Study of 119 Hips. Orthopaedics, 1991;14(5):523-531.

Hahn, M., Han, M., and Hoffinger, Scott A. "Radiographic and Clinical Outcomes of African-American Children with Slipped Capital Femoral Epiphysis Treated by Percutaneous Pinning In Situ." Submitted to Journal of Pediatric Orthopaedics

Papers Presented At National Meetings:

Vorhies, J., Imrie, M., Rinsky, L., Hoffinger, Scott A. "Pediatric Supracondylar Humerus Fractures in the US, Trends in Specialization and Open Treatment. Pediatric Orthopaedic Society of North America, Indianapolis, Indiana, April, 2016

Papers Presented At National Meetings (cont'd):

Hoffinger, Scott A. "A Biomechanical Definition of Crouch Gait in Cerebral Palsy", Pediatric Orthopaedic Society of North America, Toronto, Canada, May, 2013

Hoffinger, Scott, A. "Regenerative Cellular Therapies for Static Encephalopathy" Pediatric Orthopaedic Society of North America, Toronto, Canada, May, 2013

Hoffinger, Scott A., Humphrey, Marcie, and Milet, Meredith. "Ketamine for Fracture Reduction Children -is 6 hour npo too long?" Pediatric Orthopaedic Society of North America, Hollywood, Florida, May, 2007.

Hoffinger, Scott A., Humphrey, Marcie, Fung, Ellen, and Pakbaz, Zahra. "Bone Mineral Content and Bone Density Following Distal Radius Fractures in Children- are they at risk?" Pediatric Orthopaedic Society of North America, Hollywood, Florida, May, 2007.

Pakbaz, Zahra, **Hoffinger, Scott A.,** Humphrey, Marcie. "Bone Density in Normal Children- A Comparison of Dominant vs. Non-Dominant Forearms." International Society of Clinical Bone Densitometry, San Diego, February, 2006.

Morsched, Saam, **Hoffinger, Scott A.,** Humphrey, Marcie. "Retained Hardware Following Flexible Nailing for Femoral Shaft Fractures in Children," Pediatric Orthopaedic Society of North America, Ottawa, May, 2005.

Vichinsky, E., Neumayr, L., Earles, A., Aguilar, C., **Hoffinger, Scott A.,** et. al. "Progression of Avascular Necrosis of the Hip in Sickle Cell Disease: 2 Year Follow-up of Randomized Trial of Aggressive Physical therapy and Hip Coring Decompression," American Society of Hematology, October, 2004.

Patel, V., Ferguson, T., and **Hoffinger, Scott A.** "Circular Casting Following Reduction of Upper Extremity Fractures- Analysis of Results for Compartment Syndromes," Orthopaedic Trauma Association, October, 2003.

Hahn, M., Han, M., and **Hoffinger, Scott A.** "Radiographic and Clinical Outcomes of African-American Children with Slipped Capital Femoral Epiphysis Treated by Percutaneous Pinning In Situ," American Academy of Pediatrics Orthopaedic Section, New Orleans, November, 2003.

Townsend, Donald and **Hoffinger, Scott A.** "Intramedullary Nailing Of Femoral Shaft Fractures In Children Via The Trochanter Tip," Pediatric Orthopaedic Society of North America, Cleveland, 1998.

Hoffinger, Scott A., Iyengar, Shuba, and Townsend, Donald. "Immediate vs, Delayed Reduction and Pinning of Type III Displaced Supracondylar Elbow Fractures- A Comparative Study," Pediatric Orthopaedic Society of North America, Banff, Alberta, May, 1997

Nork, Sean, **Hoffinger, Scott A.,** and Fontes, Roger. "External Fixation vs. Traction in the Treatment of Pediatric Femoral Shaft Fractures, A Comparison of Charges and Actual Costs," Pediatric Orthopaedic Society of North America, Banff, Alberta, May, 1997, and Western Orthopaedic Association, Hawaii, August, 1996.

Hoffinger, Scott A. "The Scientific Basis for the Use of Inhibitive Casting and Splints in Children with Cerebral Palsy," American Academy for Cerebral Palsy and Developmental Medicine, September, 1996

Papers Presented At National Meetings (cont'd):

Bini, Stefano, Wolff, Craig, and **Hoffinger, Scott A.** "Use of Ultrasound in the Evaluation of the Painful Pediatric Hip" - American Academy of Orthopaedic Surgeons, February, 1995.

Hoffinger, Scott A., Mclaughlin, John, Hays, Ross M., Bjornson, Kristie, Astley, Susan, and Roberts, Theodore S. "Lower Extremity Range of Motion Following Selective Dorsal Rhizotomy" Presented to the Pediatric Orthopaedic Society of North America, Greenbrier, W.V., May, 1993.

Dales, Mark C. and **Hoffinger, Scott A.**; "Septic Hip in Older Children and Adolescents" - AAOS, February 1993.

Hoffinger, Scott A., Richie, Mayme F., and Dales, Mark C., Hip Flexor Strength following Medial Approach Open Reduction for Developmental Dysplasia of the Hip. AAOS, February 1993.

Hoffinger, Scott A., Augsburger, Sam, and Graubert, Cathy. "The Double Bump Pattern of Sagittal Plane Pelvic Motion in Cerebral Palsy Gait." AACPDM, San Diego, 1992

Hoffinger, Scott A., Henderson, Richard, Renner, Jordan, Dales, Mark, and Rab, George; "Magnetic Resonance Evaluation of Metaphyseal Cysts in Legg- Calve-Perthes' Disease" - AAOS, Washington, D.C., February, 1992.

Hoffinger, Scott A., Rab, George, and Salamon, Peter B.; "Metaphyseal Cysts in Legg-Calve-Perthes' Disease" - Pediatric Orthopaedic Society of North America, San Francisco, May, 1990. AAOS, 57th Annual Meeting, New Orleans, February, 1990.

Hoffinger, Scott A., Rab, George, and Abou-Ghaida, Hassan; "Hamstrings in Cerebral Palsy Crouch Gait" - Presented to the American Academy for Cerebral Palsy and Developmental Medicine, San Francisco, October, 1989.

Hoffinger, Scott A., Keggi, Kristaps J., and Zatorski, Laurine; "Primary Ceramic Hip Replacement"- AAOS, Atlanta, February, 1988.

Hoffinger, Scott A., Murphy, James, and Renshaw, Thomas S.; "The Compensatory Curve in Congenital Scoliosis" - Presented to the Scoliosis Research Society, Vancouver, British Columbia, September, 1987.

Instructional Courses:

Pediatric Orthopaedic Society of North America, Annual Meeting, EMTALA-What Orthopaedists Should Know, Hollywood, Florida, 2007.

American Academy for Cerebral Palsy and Developmental Medicine, "Alternative Treatments for Cerebral Palsy," New Orleans, 2002, Montreal, 2003, Los Angeles, 2004.

American Academy of Pediatrics, "Casting and Fracture Care," San Francisco, October, 2001.

American Academy for Cerebral Palsy and Developmental Medicine, "Alternative Treatments for Cerebral Palsy," Toronto, 2000.

American Academy for Cerebral Palsy and Developmental Medicine, "What Physical Therapists should know about Orthopaedics" Washington, D.C. 1999.

Instructional Courses (cont'd):

American Academy of Pediatrics, "Pediatric Sports Medicine," San Francisco, 1997

Children's Hospital Oakland, "Pediatric Orthopaedics and Sports Medicine Keep It In Your Office." Monterey, California, November, 1994

American Academy for Cerebral Palsy and Developmental Medicine:
"Interdisciplinary Treatment of Spasticity," New Orleans, October, 1994. "Theory and Technique of Serial Casting," New Orleans, Louisiana, 1994.

American Academy for Cerebral Palsy and Developmental Medicine:
"Spasticity, Measurement and Management," Louisville, Kentucky, 1991.

"Moments and Powers in Gait Analysis," Louisville, Kentucky, 1991, 1992. American Academy of Pediatrics, "Office Management of Minor Musculoskeletal Injuries," Seattle, May, 1990.

Media / Television:

"Little People Big World", The Learning Channel, 6 episodes 2008 – 2009

<http://www.freerepublic.com/focus/f-news/2144023/posts>

Research Grants & Awards:

American Academy for Cerebral Palsy and Developmental Medicine, Research Planning Grant, "Umbilical Cord Blood for Neonates at-risk for Development of Hypoxic Ischemic Encephalopathy (CP)" PI Scott A. Hoffinger, M.D. \$25,000, 2011

Children's Hospital Oakland Research Institute / UC San Francisco Clinical Research Center: "Bone Density in the Distal Radius Following Wrist Fractures in Children" PI Scott A. Hoffinger, M.D., \$25,000 for DEXA Scans, 2005.

Children's Hospital Oakland Research Institute: \$40,000 Grant for Orthopaedic Research, 2004-2005, 2005 – 2006.

R01-NS37867: "Selective Dorsal Rhizotomy: Effects in Cerebral Palsy" Total Budget: \$2,121,836, 1991-1996 P.I. Jeff McLaughlin, M.D.
Responsible for the Orthopaedic and Gait Analysis portion of the study

Current Research Projects:

Long Term Follow Up of Surgical Treatment of Hip Dislocation in Cerebral Palsy, 200 Hips -The Case for Open Reduction – IRB in process

Patellar Tendon Shortening via Reimplantation into Distal Pole of Patella – IRB in process

Natural History of Lower Extremity Alignment in Adults with Achondroplasia

Treatment of Idiopathic Toe Walking- Long term review – IRB in process