



Jay J. Han, M.D.

Clinical Interests	Dr. Han has clinical interests in neuromuscular diseases affecting both adult and pediatric populations, as well as electrodiagnosis/electromyograms (EMGs). His research interests focus on the development of functional outcome measures in patients with neuromuscular disorders and research in electrodiagnosis/ electromyograms (EMGs).
Title	Associate Professor Co-Director, Muscular Dystrophy Association (MDA) Neuromuscular Disease Clinic Director, Neuromuscular Medicine Fellowship
Specialty	Physical Medicine and Rehabilitation
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Center/Program Affiliation	UC Davis Children's Hospital
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Education	M.D., UC San Francisco School of Medicine, San Francisco, California, 1998 B.S., Stanford University, Palo Alto, California, 1993
Internships	University of Washington School of Medicine, Seattle, Washington, 1998-1999
Residency	University of Washington School of Medicine, Seattle, Washington, 1999-2002
Fellowships	University of Washington School of Medicine, Seattle, Washington, 2002-2005
Board Certifications	American Board of Electrodiagnostic Medicine, 2005 American Board of Neuromuscular Medicine, 2008 American Board of Physical Medicine and Rehabilitation, 2004
Professional Memberships	American Academy of Physical Medicine and Rehabilitation, Fellow American Association of Neuromuscular and Electrodiagnostic Medicine, Fellow Association of Academic Physiatrists



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Honors and Awards

Academic Senate for Research Travel Award, UC Davis, 2007
Mentored Clinical Research Training Program (K30) Grant, 2006
Outstanding Faculty Teaching Award, UC Davis Department of Physical Medicine and Rehabilitation, 2006
National Institutes of Health K-12 Rehabilitation Medicine Scientist Training Program (RMSTP) Grant, 2002
Outstanding Resident Award, University of Washington, 2002
Chief Resident, Department of Rehabilitation, University of Washington, 2001
Residency Selection Committee, Department of Rehabilitation, University of Washington, 2001
Residency Training Committee, Department of Rehabilitation, University of Washington, 2001
M.D. with Thesis, UC San Francisco School of Medicine, 1998
Associate Research in Otolaryngology Medical Student Travel Award, 1997
Genentech Research Fellowship, 1996
UC San Francisco Quarterly Research Scholarship, 1996
Graduation with Honors, Stanford University, 1993
UC San Francisco Student Summer Research Fellowship, 1993

Select Recent Publications

Skalsky AJ, Han JJ, Abresch RT, Shin CS, McDonald CM. Assessment of regional body composition with dual-energy X-ray absorptiometry in Duchenne muscular dystrophy: Correlation of regional lean mass and quantitative strength. *Muscle Nerve*. 2009 Apr 3;39(5):647-651.
Werner BW, Skalsky AJ, McDonald CM, Han, JJ. Convexity of Scoliosis Related Handedness in Identical Twin Boys With Duchenne Muscular Dystrophy: A Case Report. *Arch Phys Med Rehabil*. 2008 Oct;89 (10):2021-4.
Han JJ, McDonald CM. Diagnosis and Clinical Management of Spinal Muscular Atrophy, *Phys Med Rehabil Clin N Am* 2008 Aug;19(3):661-80.
Carter GT, Weiss MD, Han JJ, Chance PF, England JD. Charcot-marie-tooth disease. *Curr Treat Options Neurol*. 2008 Mar;10(2):94-102.
Han JJ*, Kimura E*, Li S, Fall B, Ra J, Haraguchi M, Tapscott SJ, Chamberlain JC. Cell-lineage regulated myogenesis for dystrophin replacement: a novel therapeutic approach for treatment of muscular dystrophy. *Hum Mol Gen* 2008 Aug 15;17(16):2507-17 * Joint First Authors.
Skalsky AJ, Abresch RT, Han JJ, Shin CS, McDonald CM. The relationship between regional body composition and quantitative strength in facioscapulohumeral muscular dystrophy (FSHD). *Neuromuscul Disord*. 2008 Nov;18 (11):873-80.
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- injection of the deltoid muscle. *Am J Phys Med Rehabil*, 86(6):507-11, Jun 2007.
- Han JJ, Carter GT, Ra JJ, Abresch RT, Chamberlain JS, Robinson LR. Electromyographic studies in *mdx* and wildtype C57 mice. *Muscle and Nerve*, 33(2):208-14, Feb 2006.
- Han JJ, Carter GT. Staying strong: Rehab for Duchenne muscular dystrophy slows muscle wasting. *Advance for Directors in Rehabilitation*, 15(9):25-28, Sept 2006.
- Carter GT, Han JJ, Abresch RT, Jensen MP. The importance of assessing quality-of-life in patients with neuromuscular disease. *Am J Hosp Palliat Med*, 23(6):493-7, Nov-Dec 2006.
- Carter GT, Han JJ, Mayadev A, Weiss MD. Modafinil reduces fatigue in Charcot-Marie-Tooth disease type 1A: A case series. *Am J Hosp Palliat Care*, 23(5):412-6, Oct-Nov 2006.
- Carter GT, Weiss MD, Lou JS, Jensen MP, Abresch RT, Martin TK, Hecht TW, Han JJ, Weydt P, Kraft GH. Modafinil in amyotrophic lateral sclerosis: An open-label pilot study. *Am J Hosp Palliat Care*, 22(1):55-9, Jan-Feb 2005.
- Carter GT, Yudkowsky MP, Han JJ, McCrory MA. Topiramate for weight reduction in Duchenne muscular dystrophy. *Muscle Nerve*, 31(6):788-9, Jun 2005.
- Han JJ, Carter GT, Weiss MD, Shekar C, Kornegay JN. Using electromyography to assess function in human and animal models of muscular dystrophy. *Phys Med Rehabil Clin N Am*, 16(4):981-97, Nov 2005.
- Han JJ, Massagli TL, Jaffe KM. Fibrocartilaginous embolism-An uncommon cause of spinal cord infarction: A case report and review of the literature. *Arch Phys Med Rehabil*, 85:153-157, Jan 2004.
- Han, JJ, Carter GT, Hecht TW, Schuman NE, Weiss MD, Krivickas LD. The amyotrophic lateral sclerosis center: A model of multidisciplinary management. *Critical Reviews in Physical Medicine and Rehabilitation*, 15, 2003.
- Han JJ, Kraft GH. Electrodiagnosis of neck pain. *Phys Med Rehabil Clin N Am*, 14(3):549-567, 2003.
- Carter GT, England JD, Hecht TW, Han JJ, Weydt P, Chance PF. Electrodiagnostic evaluation of hereditary motor and sensory neuropathies. *Phys Med Rehabil Clin N Am*, 14(2):347-363, 2003.

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