

HONORS:

2016	Best Doctors
2007-09; 2013-Present	Super Doctors
2009	Excellence in Innovation Award - Allergan
1998	Best Poster Award American Geriatrics Society Annual Meeting
1984	Omega Chi Epsilon Chemical Engineering Honor Society
1982	Tau Beta Pi National Engineering Honor Society

REVIEWER:

2004 – Present	Stroke
1999 – Present	Archives of PM&R
1999 – Present	American Journal of PM&R

GRANTS:

1998-2001	John A. Hartford, Career Development Grant in Geriatrics
2000-2001	John A. Hartford, Geriatric Training for Rehabilitation Residents

ABSTRACTS:

Patel, AT, Ward AB, Geis C, Liu C, Jost WH, Dimitrova R. Impact of early intervention with onabotulinumtoxinA treatment in adult patients with post-stroke lower limb spasticity. *Neurology* 2016;78 (meeting abstracts)

Patel AT, Ayyoub Z, Munin MC, Hanschmann A, Hiersemenzel R, Marciniak C, Elovic E. Randomized, Placebo-Controlled, Phase III Study of IncobotulinumtoxinA for Upper-Limb Post-Stroke Spasticity. *American Journal of Physical Medicine & Rehabilitation*: [March 2016; 95\(3\)](#).

Patel AT, Schwartz M, Manack Adams A, Brin MF, Charles D. Evaluation of pain relief in the Cervical Dystonia Patient Registry for Observation of OnabotulinumtoxinA Efficacy (CD PROBE). *Toxicon*.2015;(93)S48

Simpson D, Patel A, Alfaro, A, Ayyoub, Z, Charles D, Dashtipour K, Esquenazi A, Graham G, McGuire J, Odderson, I. Using a Delphi Panel to Identify a Treatment Paradigm for Injecting Botulinum Toxin to Treat Common Postures in Post-Stroke Upper Limb Spasticity. *Neurology*. 2015; (84)14S:5.167

Odderson IR, Patel AT. Muscle injection patterns for patients receiving chemodenervation for cervical dystonia at 2 injection practices. *Muscle and Nerve*. 2014;50(4):662.

Patel A, Jankovic J, Schwartz M, Manack A, Brin MF, Charles D. Evaluation of Pain Relief in the Cervical Dystonia Patient Registry for Observation of OnabotulinumtoxinA Efficacy (CD PROBE). *PM&R*. 2014;6(Suppl):S363.

Charles D, Patel A, Schwartz M, Manack A, Brin MF. Evaluation of Pain Relief in the Cervical Dystonia Patient Registry for Observation of OnabotulinumtoxinA Efficacy (CD PROBE). *Mov Disord*. 2014;29(Suppl S1):S493.6

Nalamachu S, Patel AT, Crockett S, Gammaitoni AR. Comparing the efficacy of lidocaine patch 5% vs naproxen in carpal tunnel syndrome. 8th International Conference of the Mechanisms and Treatment of Neuropathic Pain, November 2005, San Francisco, CA

Patel AT; Rigler S; Webb MM; Duncan PW: Anti-Hypertensive Use and Blood Pressure Control After Stroke. *Journal of the American Geriatrics Society*, 48:S53, 2000.

Webb M; Rigler S; Patel AT; Lai SM; Duncan PW: Anti-thrombotic Therapy in the Kansas City Stroke Study. *Journal of the American Geriatrics Society*, 48:S85, 2000.

Patel AT; Duncan PW, Lai SM: Relationship Between Impairment and Functional Outcomes Post Stroke. *Journal of the American Geriatrics Society*, 46:S72, Sept. 1998.

Lai SM, Duncan PW, Patel AT: Effects of Cognitive Impairment and Hemianopsia on Functional Outcomes of Stroke Patients with Motor Deficits. *Journal of the American Geriatrics Society*, 46:S102, Sept. 1998.

Patel AT, Ogle A, Varghese G: Syringomyelia Following Minor Spinal Cord Trauma. *Archives of Physical Medicine and Rehabilitation*, 79:1185, Sept. 1998.

Addington WR, Patel AT, et al: A New Test for Bedside Swallow Evaluation. *Archives of Physical Medicine and Rehabilitation*, 75:1035, Sept. 1994.

Patel AT, Robinson LR: Influence of Interelectrode Separation on the Median nerve Compound Action Potential. *Muscle and Nerve*, Vol 15/Number 4, Sept. 1992.

Patel AT, Robinson LR: Ulnar Nerve Motor Conduction Latency to the Adductor Pollicis Muscle. *Muscle and Nerve*, Vol 15/Number 4, Sept. 1992.

Patel AT, Krouskop TA: Seat Stiffness and Its Effect on Trunk Muscles. *Archives of Physical Medicine and Rehabilitation*, 68-610, 1987.

PUBLICATIONS:

Simpson DM, **Patel AT**, Alfaro A, Ayyoub Z, Charles D, Dashtipour K, Esquenazi A, Graham GD, McGuire JR, Odderson I. [OnabotulinumtoxinA Injection for Poststroke Upper-Limb Spasticity: Guidance for Early Injectors From a Delphi Panel Process](#). *PM R*. 2016 Jun 23. pii: S1934-1482(16)30224-6. doi: 10.1016/j.pmrj.2016.06.016. [Epub ahead of print] PMID: 27346090

American Academy of Orthopaedic Surgeons. Management of Carpal Tunnel Syndrome Evidence-Based Clinical Practice Guideline. www.aaos.org/ctsguideline. Published February 29, 2016.

Kelly BM, Patel AT, Dodge CV: Upper Limb Orthoses. Braddom's Physical Medicine and Rehabilitation, 5th edition; Cifu DX (ed): Elsevier, 2016.

Charles PD, Manack Adams A, Davis T, Bradley K, Schwartz M, Brin MF, Patel AT. [Neck Pain and Cervical Dystonia: Treatment Outcomes from CD PROBE \(Cervical Dystonia Patient Registry for Observation of OnabotulinumtoxinA Efficacy\)](#). *Pain Pract*. 2016 Feb 23; *Toxicon* 01/2015; 93(9):S48

Patel AT: Pubalgia. *Essentials of Physical Medicine and Rehabilitation –Musculoskeletal Disorders, Pain, and Rehabilitation*, 3rd ed; Frontera WR, Silver JK, Rizzo TD (eds): Saunders –Elsevier 2015, p304-307.

Patel AT: Tapezius strain. *Essentials of Physical Medicine and Rehabilitation –Musculoskeletal Disorders, Pain, and Rehabilitation*, 3rd ed; Frontera WR, Silver JK, Rizzo TD (eds): Saunders –Elsevier 2015, p43-45.

Patel AT: Book report. *The Handbook of Touch: Neuroscience, Behavioral, and Health Perspectives*. *American Journal of PMR*, October 2013;92:945.

Gertken JT, Patel AT, Boon AJ: Electromyography and anticoagulation. *PM&R*, May 2013;5: Supplement, S3-S7.

Rinaldi R, Patel AT: Inherited polyneuropathies. *PM&R*, May 2013;5: Supplement, S63-S73.

Collier T, Patel AT, Rinaldi R: Hypothermia-induced peripheral polyneuropathy after an episode of drowning. *PM&R*, March 2012;4:230-3.

Kelly BM, Patel AT, Dodge CV: Upper Limb Orthotic Devices. *Physical Medicine and Rehabilitation*, 4th edition; Braddom (ed): WB Saunders Co., 2011.

Patel AT: Successful treatment of long-term, poststroke, upper-limb spasticity with onabotulinumtoxinA. *Physical Therapy*, Nov 2011;91:1636-41.

Patel AT: Early diagnosis of post-stroke spasticity and treatment options. *US Neurology*, 2010;5(2):47-51.

Patel AT, Robinson L, Akuthota V: Utility of proximal nerve conduction studies - Point/Counterpoint. *PM&R*, March 2009;1:208-13.

Kelly BM, Patel AT, Nelson VS, Reyes MR: 2009 SAE-P: Rehabilitation of stroke and neurodegenerative disorders. *PM&R*, March 2009;1 (S): S35-S38.

Caban ME, Hatch SS, Patel AT: Lymphedema. *Essentials of Physical Medicine and Rehabilitation – Musculoskeletal Disorders, Pain, and Rehabilitation*; Frontera WR, Silver JK, Rizzo TD (eds): Saunders – Elsevier 2008, p697-704.

Patel AT, Nori SL: Upper Limb Prosthesis: Cable and Myoelectric Control. *Physical Medicine and Rehabilitation Secrets 3rd ed*; O'Young BJ, Young MA, Stiens SA (eds): Mosby - Elsevier 2008, p284-90.

Patel AT, Shire, S: Physical and Occupational Therapy. *Handbook of Parkinson's Disease*, 4th edition; Pahwa, R and Lyons, K (eds): Informa Healthcare, 2007.

Patel AT, Garber LM: Upper Limb Orthotic Devices. *Physical Medicine and Rehabilitation*, 3rd edition; Braddom (ed): WB Saunders Co., 2007.

Patel AT. 2006 SAE-P: Advances in amputee care. *Archives of Physical Medicine and Rehabilitation*, March 2006; 85, Suppl 44.

Gittler MS, Kiser TS, Patel AT. 2006 SAE-P: Limb Deficiency and Prosthetic Management. *Archives of Physical Medicine and Rehabilitation*, March 2006; 87, Suppl 28-31.

Patel AT, Gaines K, Malamut R, Park TA, DelToro R, Holland, N. Usefulness of electrodiagnostic techniques in the evaluation of suspected tarsal tunnel syndrome: an evidence-based review. *Muscle Nerve*. 2005 Aug;32(2):236-40.

Patel AT, Phelan AC, Nelson VS. 2005 SAE-P: Neuromuscular rehabilitation and electrodiagnosis. *Archives of Physical Medicine and Rehabilitation*, March 2005; 86, Suppl 33-36.

Patel AT. 2004 SAE-P: Benefits of Exercise for Community-Dwelling Older Adults. *Archives of Physical Medicine and Rehabilitation*, July 2004; 85, Suppl 3.

Jachna C, Patel AT. Osteoporosis and perioperative medical management of hip fracture. *Current Opinions in Orthopaedics*; Pellegrini, Jr (ed); Lippincott Williams & Wilkins 2004, p2-7.

Cheville A, Conway RR, Gittler MS, Patel AT. 2003 SAE-P: Interventions in chronic pain management. Archives of Physical Medicine and Rehabilitation, March 2003; 84, Suppl 63-65.

Patel AT: Lymphedema. Essentials of Physical Medicine and Rehabilitation, Review & Self Assessment; Silver JK, Frontera WR (eds): Hanley& Belfus, Inc 2003.

Patel AT: Lymphedema. Essentials of Physical Medicine and Rehabilitation; Silver JK, Frontera WR (eds): Hanley& Belfus, Inc 2002.

Patel AT, Salzano AS, Nori SL: Upper-Limb Protheses. Physical Medicine and Rehabilitation Secrets 2nd ed; O'YoungBJ, Young MA, Stiens SA (eds): Hanley& Belfus, Inc 2002, p567-72.

Patel AT: Disability Evaluation Following Stroke. Physical Medicine and Rehabilitation, Clinics of North America. Vol 12/No. 3, August 2001, p613-19.

Rigler SK, Webb M, Patel AT, Duncan PW: Use of Antihypertensive and Antithrombotic Medications After Stroke in Community-Based Care. The Annals of Pharmacotherapy. July/August 2001; 35:811-816.

Patel AT, Duncan PW, Lai SM, Studenski, S: The Relationship Between Impairments and Functional Outcomes Post-Stroke. Archives of Physical Medicine and Rehabilitation, October 2000; 81:1357-63.

Patel AT, Ogle A: Diagnosis and Management of Acute Back Pain. American Family Physician, 2000; 61:1779-86, 1789-90.

Patel AT, Haig AJ, Cook M: Assessment Tools for Musculoskeletal Impairment Rating and Disability Assessment. Impairment Rating and Disability Evaluation; Rondinelli and Katz (eds): WB Saunders Co., 2000.

Patel AT, Garber LM, Redford JB: Upper Limb Orthotic Devices. Physical Medicine and Rehabilitation; Braddom (ed): WB Saunders Co., 2000.

Studenski S, Patel AT: Rehabilitation of Geriatric Patients. Scientific American Medicine, March 1999.

Patel AT, Andary M: EMG Case of the Month (October 1998), American Academy of Physical Medicine and Rehabilitation Website. (<http://www.aapmr.org>)

Redford R, Patel AT: Orthotic Devices in the Management of Spinal Disorders. State of the Art Reviews: Physical Medicine and Rehabilitation. Vol. 9/Number 3, October 1995, p709-724.