

Publications and Presentations: PM&R Resident Class of 2017

Hopkins PM&R residents have ample opportunity to engage in scholarship and research. Residents have a history of publishing research in well-recognized journals and texts. And with the support of faculty mentors, residents have also presented their work at international and national conferences.

Publications

Kokorelis, C. Pediatric Rehabilitation: Myasthenic Syndromes. *PM&R Knowledge Now*

Kokorelis, C. Transition to Adulthood for Persons with Childhood Onset Disabilities. *PM&R Knowledge Now*.

Chakravarthy K, **Nava A**, Christo PJ, Williams K. Review of recent advances in peripheral nerve stimulation. *Curr Pain Headache Rep*. 2016 Nov;20(11):60. Review.

Gerber LH, **Nava A**, Garfinkel S, Goel D, Weinstein AA, Cai C. A need for an augmented review when reviewing rehabilitation research. *Disabil Health J*. 2016 Oct;9(4):559-66. PMID: 27522302

Rojhani S, Stiens SA, Recio AC. Independent sailing with high tetraplegia using sip and puff controls: integration into a community sailing center. *J Spinal Cord Med*. 2016 Jul 14:1-10.

Rojhani S, Qureshi Z, Chhatre A. Water-cooled radio frequency provides pain relief, decreases disability and improves quality of life in chronic knee osteoarthritis. *Am J Phys Med Rehabil*. 2016 May 18

Rojhani S and R. Samuel Mayer. Communication Tools in Healthcare: Basics, In: *Resident's Handbook of Medical Quality and Safety*, Levan Atanelov ed., Springer International Publishing Switzerland, 2016, pp. 217 – 230.

Odonkor CA, Osei-Bonsu E, Tetteh O, Haig, AJ, Mayer RS, Smith TJ. Minding the gaps in cancer pain management education: a multi-center study of clinical residents and fellows in a low vs. high resource setting. *JGO* March 23, 2016, JGO003004

Odonkor CA, Addison W, Smith S, Osei-Bonsu E, **Tang T**, Erdek, M. Connecting the dots: A comparative global multi-institutional study of prohibitive factors affecting cancer pain management. *Pain Med*. 2016; 0:1-11, PMID: 27651511

Odonkor, CA; Christen S, Sathiyakumar A, Chen Y, Chaudry H, Cohen S. Factors associated with Missed Appointments at an Academic Pain Treatment Center: A Prospective Year-Long Longitudinal Study. *Anesthesia & Analgesia*, 2016

Hoyer EH, **Odonkor CA**, Bhatia S, Leung C, Deutschendorf A, Brotman J. Association between Days-to-Complete Inpatient Discharge Summaries with All-Payer Hospital Readmissions in Maryland. *J Hosp Med*. 2016, February 23. PMID: 26913814

Odonkor CA, Smith B, Rivera K, Chhatre A. Persistent Singultus Associated with Lumbar Epidural Steroid Injections in a Septuagenarian: A Case Report and Review. *Am J Phys Med Rehabil*. 2016 May 4.

Odonkor CA, Ann Sprankle L, **Rojhani S**, **Tang T**, **Yao A**, Hoyer EH. Towards reducing harms: designing a quality improvement project to improve pain management and outcomes among chronic pain and opioid users in an acute rehabilitation program. *PMR*. 2016 Sep;8(9S):S332. PMID: 27673271

Odonkor CA, Christian AB, Haig A. Searching for an oasis in a psychiatry desert: a global survey of the disability training and education landscape of healthcare trainees in West Africa. *PMR*. 2016 Sep;8(9S):S321-S322. PMID: 27673238

Desai MJ, **Nava A**, Rigoard P, Shah B, Taylor RS. Optimal medical, rehabilitation and behavioral management in the setting of failed back surgery syndrome. *Neurochirurgie*. 2015 Mar; 61 Suppl 1:S66-76. PMID: 25456441

Odonkor CA, Hurst P, Kondo N, Makary M, Pronovost P. Beyond the hospital gates: elucidating the interactive association of social support, depressive symptoms, and physical function with 30-day readmissions. *Am J Phys Med Rehabil*. 2015, July 8, 94(7): 555-567. PMID: 25299530

Miller JE, Camacho-Soto A, **Odonkor CA**, Ferker S, Mukherjee D. Ethical concerns identified by physical medicine and rehabilitation residents. *PMR*. 2015 Apr;7(4):428-34. PMID:25890639

Odonkor, C., Inamoto, Y., Itoh, Y., Saitoh, E., Palmer, J. Residual Barium in the Pharynx after Swallowing: Two-dimensional Area does not Predict Actual 3D Volume. *Archives of Physical Medicine and Rehabilitation*, October 2015, Volume 96, Issue 10, Pages e1-e1

Desai MJ, Shkolnikova T, **Nava A**, Inwald D. A critical appraisal of the evidence for botulinum toxin type A in the treatment of cervico-thoracic myofascial pain syndrome. *Pain Pract*. 2014 Feb;14(2):185-95

Odonkor, CA, Hurst, P., Kondo, N., Makary, M., and Pronovost, P. Halting the Revolving Door: How a focus on Patient- and Community-Level Risks May help Curb Readmissions after Surgery. *Am J Med Qual*. 2014, August 7. PMID: 25104549

Thomas, J., **Odonkor, CA**, Holt, N., Latham, N., Brach, J., Leveille, S., Jette, A., and Bean, J. Reconceptualizing balance: attributes associated with balance performance. *Exp Gerontol*. 2014, June 14. PMID: 24952097

Desai MJ, Bean MC, Heckman TW, Jayaseelan D, Moats N, **Nava A**. Treatment of myofascial pain. *Pain Management*. January 2013, Vol. 3, No. 1:67-79. PMID: 24645933

Odonkor, CA, Schonberg, R., Fang, D., Shelley, K., Silverman, G., and Barash, P. A New Utility for an old tool: can a simple gait speed test predict ambulatory surgical discharge outcomes? *Am J Phys Med Rehabil.* 2013, Oct; 2 (10): 849-63. PMID 24051992 (AAP E. W Johnson Excellence in Research Writing Honorable Mention Award)

Odonkor, CA, Thomas, J., Holt, N., Latham, N., Brach, J., Leveille, S., Jette, A., and Bean, J. A comparison of straight and curved path walking tests among mobility-limited older adults. *J Gerontol A Biol Sci Med Sci.* 2013 May 8, PMID: 23657972

Presentations

Kuwabara A, Odonkor CA, Taftian D, Chhatre A. Bilateral Intra-articular Cooled Radiofrequency Ablation for Atlanto-Axial Zygapophyseal Joint Arthropathy: A Case Report. Presented at AAP 2017, Las Vegas, NV

Odonkor CA, Tannor-Adjei A, Asare C, Haig A. Establishing Physiatry Abroad: Novel use of A Decision Matrix Framework to Identify and Address Rehabilitation Medicine Training and Education Curricula Needs in sub-Saharan Africa. Platform Presentation Presented at the Annual Meeting of the Association of Academic Physiatrists, Las Vegas, NV, Feb. 2017

Kokorelis C. Prevalence of Bone-modifying drugs in a cohort of chronic SCI patients. Presented at the AAP 2016, Sacramento, CA

Kokorelis C. Prevalence of Bone-modifying drugs in a cohort of chronic SCI patients. Presented at ACRM 2016, Chicago, IL

Odonkor CA. Searching for an oasis in a physiatry desert: a global survey of the disability training and education landscape of healthcare trainees in West Africa. Poster Presented at AAPMR2016, New Orleans, LA. President's Citation Award

Odonkor CA, Addison W, Smith S, Erdek M. Connecting the dots: A comparative global multi-institutional study of prohibitive factors affecting cancer pain management. Presented at the 1st Annual Excellence in Diversity Symposium, Baltimore, MD, September 2016

Odonkor CA. Pejsa M, Hand M, Wegener S, Tompkins A, Burton E, Smith M, Campbell C. Whither the Twain Shall Meet: Insomnia and Distraction Analgesia. Presented at the American Pain Society, 34th Annual Scientific Meeting, in Palm Springs, CA, May 2015

Odonkor CA. Pejsa M, Hand M, Wegener S, Tompkins A, Burton E, Smith M, Campbell C. Does ethnicity associate with distraction analgesia effect in response to Capsaicin? Presented at the American Pain Society, 34th Annual Scientific Meeting in Palm Springs, CA, May 2015

Odonkor CA, Inamoto Y, Itoh Y, Saitoh E, Palmer, J. Residual Barium in the Pharynx after Swallowing: Two-dimensional Area does not Predict Actual 3D Volume. Presented at the

American Congress of Rehabilitation Medicine, 92nd Annual Conference, October 25- 30, 2015 in Dallas, TX

Odonkor CA, Kondo N, Makary, M. Through the readmissions looking glass: evaluating the short- and long-term association of self-perceived health with re-hospitalization among community-dwelling older adults after outpatient surgery. Presented at the 2015 Association of Academic Physiatrists, Annual Meeting in San Antonio, TX, March 2015

Odonkor CA. Functional Outcomes in an Aging Population: a comparison of two simple walking tests among older adults. 45-minute lecture, Special Guest Speaker at Showa University School of Medicine, Department of Rehabilitation Medicine, Shinagawa, Japan. February 14, 2015

Desai MJ, Knowlton SE, **Nava A**. Prevalence of Spondylolithesis in Whiplash-Injured Patients: A Retrospective Radiographic Review. Poster Presentation. American Academy of Pain Medicine, 2013 Annual Meeting Abstract, Fort Lauderdale, FL

Desai MJ, Spelde A, Knowlton SE, **Nava A**. Complementary and Alternative Medicine Use, Effectiveness, Interest and Barriers to Use at A Tertiary-Care Pain Medicine Center: Survey Results. Poster Presentation. American Academy of Pain Medicine, 2013 Annual Meeting Abstract, Fort Lauderdale, FL

Desai MJ, Harmon EP, **Nava A**. Prevalence of Myofascial Tender and Trigger Points in Patients Presenting with Cervico-Thoracic and Lumbro-Sacral Spine Related Pain: Preliminary Results. Poster Presentation. American Academy of Pain Medicine, 2013 Annual Meeting Abstract, Fort Lauderdale, FL.

Nava A, Egyhazi RC, Schneider JC. Anterior Cervical Osteophyte Dysphagia: Modified Barium Swallow and Rehabilitation Outcomes. Poster Presentation. Association of Academic Physiatrists, 2013 Annual Meeting Abstract, New Orleans, LA

Odonkor CA, Thomas J, Holt N, Latham N, VanSwearingen J, Bean J. A comparison of straight and curved-path walking tests among older adults. Oral presentation presented at the Annual meeting of the Association of Academic Physiatrists; New Orleans, LA. Best Paper Award, 1st Place, March 2013

Odonkor, CA, and Barash, P. Cross-validating a new preoperative risk model: can a simple mobility performance test predict discharge outcomes among ambulatory surgical patients? Poster presented at: the 12th Annual New England Science Symposium, Harvard Medical School, Boston, MA. 2nd Place, Best Paper Award, March 2013

Odonkor, CA, Luo, E, Aguhob, M and Nimisha, K. Innovative Models for Medical Quality Education: Is there a Role for Social Media? Presented at the International Forum on Patient Safety and Quality, London, UK, April 2013