

## PEDIATRIC REHABILITATION MEDICINE FELLOWSHIP JOURNAL CLUB

JULY 2015 – JUNE 2016

November 11, 2016: ***Medical decision making capacity considerations within a pediatric medical setting***

- [Treatment Decisions Regarding Infants, Children and Adolescents](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2720471/). Harrison C, et al. Paediatr Child Health. 2004 Feb; 9(2): 99–103. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2720471/> )
- [Does This Patient Have Medical Decision-Making Capacity?](http://jamanetwork.com/journals/jama/fullarticle/1104154) Laura L. Sessums, JD, MD; Hanna Zembrzuska, MD; Jeffrey L. Jackson, MD, MPH. JAMA. 2011; 306(4):420-427. doi:10.1001/jama.2011.1023 (<http://jamanetwork.com/journals/jama/fullarticle/1104154> )

No meetings in July through October 2016

June 16, 2016:

- [Adverse Childhood Experiences: Assessing The Impact On Health And School Engagement And The Mitigating Role Of Resilience](http://www.ncbi.nlm.nih.gov/pubmed/?term=Health+Affairs%2C+33%2C+no.12+(2014)%3A2106-2115). Bethell C, Newacheck P, Hawes E, Halfon N. HEALTH AFFAIRS 33,NO. 12 (2014): 2106–2115. ([http://www.ncbi.nlm.nih.gov/pubmed/?term=Health+Affairs%2C+33%2C+no.12+\(2014\)%3A2106-2115](http://www.ncbi.nlm.nih.gov/pubmed/?term=Health+Affairs%2C+33%2C+no.12+(2014)%3A2106-2115))
- [Cumulative Hardship and Wellness of Low-Income, Young Children: Multisite Surveillance Study](http://www.ncbi.nlm.nih.gov/pubmed/?term=cumulative+hardship+and+wellness+of+low-income+young+children%2C%3A+Multisite+surveillance+study). Frand DA, Casey PH, Black MM, Rose-Jacobs R, Chilton M, Cutts D, March E, Heeren T, Coleman S, Ettinger de Cuba E, Cook JT. PEDIATRICS Volume 125, Number 5, May 2010 (<http://www.ncbi.nlm.nih.gov/pubmed/?term=cumulative+hardship+and+wellness+of+low-income+young+children%2C%3A+Multisite+surveillance+study>)

June 2, 2016:

- [Flexible and Static Wrist Units in Upper Limb Prosthesis Users: Functionality Scores, User Satisfaction and Compensatory Movements](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4791860/). M. Deijis, R. M. Bongers, N. D. M. Ringeling - van Leusen and C. K. van der Sluis. Journal of NeuroEngineering and Rehabilitation (2016) 13:26; DOI 10.1186/s12984-016-0130-0 (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4791860/>)

April 2016: ***Prevalence of Cerebral Palsy***

- [Birth Prevalence of Cerebral Palsy: A Population-Based Study](http://www.ncbi.nlm.nih.gov/pubmed/26659459). Van Naarden Braun K, Doernberg N, Schieve L, Christensen D, Goodman A, Yeargin-Allsopp M. Pediatrics. 2016 Jan;137(1):1-9. doi: 10.1542/peds.2015-2872. Epub 2015 Dec 9. (<http://www.ncbi.nlm.nih.gov/pubmed/26659459>)
- [Prevalence of cerebral palsy, co-occurring autism spectrum disorders, and motor functioning](http://www.ncbi.nlm.nih.gov/pubmed/24117446) - Autism and Developmental Disabilities Monitoring Network, USA, 2008. Christensen D, Van Naarden Braun K, Doernberg NS, Maenner MJ, Arneson CL, Durkin MS, Benedict RE, Kirby RS, Wingate MS, Fitzgerald R, Yeargin-Allsopp M. Dev Med Child Neurol. 2014 Jan;56(1):59-65. doi: 10.1111/dmcn.12268. Epub 2013 Oct 1. (<http://www.ncbi.nlm.nih.gov/pubmed/24117446>)

March 2016: ***Cognition and Cerebral Palsy***

- [Effects of Cerebral Palsy on Neuropsychological Function](http://docslide.us/documents/ccp-article.html). Kathryn Straub, John Obruzut, J Dev Phys Disabil (2009) 21:153–167 (<http://docslide.us/documents/ccp-article.html>)
- [Attention and executive impairments in children with spastic cerebral palsy](http://onlinelibrary.wiley.com/doi/10.1111/j.1469-8749.2009.03533.x/abstract). Louise Bottcher, Esben M. Flachs, Peter Uldall. Developmental Medicine & child Neurology, Volume 52, Issue 2, pages e42–e47, February 2010 (<http://onlinelibrary.wiley.com/doi/10.1111/j.1469-8749.2009.03533.x/abstract>)

February, 2016: ***Locomotor training in SCI rehabilitation***

- [Locomotor Training: As a Treatment of Spinal Cord Injury and in the Progression of Neurologic Rehabilitation](http://www.archives-pmr.org/article/S0003-9993(12)00398-X/abstract). Susan J. Harkema, PhD, Jessica Hillyer, PhD, Mary Schmidt-Read, MS, DPT, Elizabeth Ardolino, PhD, PT, Sue Ann Sisto, PT, PhD, Andrea L. Behrman, PhD, PT. ([http://www.archives-pmr.org/article/S0003-9993\(12\)00398-X/abstract](http://www.archives-pmr.org/article/S0003-9993(12)00398-X/abstract))
- [Restorative rehabilitation entails a paradigm shift in pediatric incomplete spinal cord injury in adolescence: An illustrative case series](http://content.iospress.com/articles/journal-of-pediatric-rehabilitation-medicine/prm00225). Andrea L. Behrmana,\*, ElizabethWatsonb, Guy Friedb, Kelly D’Ursoc, Denise D’Ursod, Natalie Cavadinic, Monifa Brooksd, Marcie Kerne, Lisa Wenzele, Heather Taylore and Elizabeth Ardolinof. (<http://content.iospress.com/articles/journal-of-pediatric-rehabilitation-medicine/prm00225>)

January, 2016: ***Treatment for Recurring Fractures in Children with CP***

- [Pamidronate treatment to prevent reoccurring fractures in children with Cerebral Palsy](http://www.ncbi.nlm.nih.gov/pubmed/25757207). JP Sees, P Sitoula, Dabney K, Holmes L, Rogers K, Kecskemethy H, Bachrach S, Miller F. J Pediatric Orthopaedics, 2015, March. (epub ahead of print)(<http://www.ncbi.nlm.nih.gov/pubmed/25757207>)

November, 2015: ***Cardiac Rehab***

- [Pediatric cardiac rehabilitation in congenital heart disease: a systematic review](http://journals.cambridge.org/download.php?file=%2FCTY%2FCTY22_03%2FS1047951111002010a.pdf&code=97c714829a2c98916dc05fe2f918880a). Tikkanin AU, Oyaga AR, Riano OA, Alvaro EM, Rhodes J. Cardiology in the Young (2012)m 22, 241-250 ([http://journals.cambridge.org/download.php?file=%2FCTY%2FCTY22\\_03%2FS1047951111002010a.pdf&code=97c714829a2c98916dc05fe2f918880a](http://journals.cambridge.org/download.php?file=%2FCTY%2FCTY22_03%2FS1047951111002010a.pdf&code=97c714829a2c98916dc05fe2f918880a))

October 2015: ***PSST in Autism***

- [Problem-solving skills training for mothers of children recently diagnosed with autism spectrum disorder: A pilot feasibility study](http://aut.sagepub.com/content/early/2015/04/20/1362361314567134.full.pdf). Nguyen CT, Fairclough DL, Noll RB. Autism, April 20, 2015 (<http://aut.sagepub.com/content/early/2015/04/20/1362361314567134.full.pdf>)

September 2015: ***Rates of Abnormal Test Scores in Neuropsychological Assessment***

- [Healthy children and adolescents obtain some low scores across a battery of memory tests.](#)

Brooks BL, Iverson GL, Sherman EM, Holdnack JA. J Int Neuropsychol Soc. 2009 Jul;15(4):613-7. doi: 10.1017/S1355617709090651. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/19573280> )

- [To Err is Human: "Abnormal" Neuropsychological Scores and Variability are Common in Healthy Adults.](#)
- Binder LM, Iverson GL, Brooks BL. [Arch Clin Neuropsychol.](#) 2009 Feb;24(1):31-46. doi: 10.1093/arclin/acn001. Epub 2009 Mar 6. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/19395355> )

#### August 2015: ***Idiopathic Toe-walking and Botox***

- [Does botulinum toxin A improve the walking pattern in children with idiopathic toe-walking?](#)  
Engström P, Gutierrez-Farewik EM, Bartonek A, Tedroff K, Orefelt C and Haglund-Åkerlind Y. J Child Orthop. 2010 Aug; 4(4): 301–308. Published online 2010 May 12. doi: [10.1007/s11832-010-0263-9](https://doi.org/10.1007/s11832-010-0263-9) (PubMed: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2908341/> )

#### July 2015: ***Outcomes in Peds BI***

- [Time to Follow Commands and Duration of Posttraumatic Amnesia Predict GOS-E Peds Scores 1 to 2 Years After TBI in Children Requiring Inpatient Rehabilitation.](#)  
Davis KC, Slomine BS, Salorio CF, Suskauer SJ. J Head Trauma Rehabil. 2015 Jun 19. [Epub ahead of print](PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/26098263> )
- [Predicting Outcome after Pediatric Traumatic Brain Injury by Early Magnetic Resonance Imaging Lesion Location and Volume.](#)  
Smitherman E, Hernandez A, Stavinoha PL, Huang R, Kernie SG, Diaz-Arrastia R, Miles DK. J Neurotrauma. 2015 Jun 19. [Epub ahead of print] (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/25808802> )

### **JUNE 2015 – JULY 2014**

#### June 2015: ***Concussion***

- [Characteristics of prolonged concussion recovery in a pediatric subspecialty referral population.](#)  
Corwin DJ, Zonfrillo MR, Master CL, Arbogast KB, Grady MF, Robinson RL, Goodman AM, Wiebe DJ. J Pediatr. 2014 Dec;165(6):1207-15. doi: 10.1016/j.jpeds.2014.08.034. Epub 2014 Sep 26. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/25262302> )
- [Part II--Management of pediatric post-traumatic headaches.](#)  
Pinchefsky E, Dubrovsky AS, Friedman D, Shevell M. Pediatr Neurol. 2015 Mar;52(3):270-80. doi: 10.1016/j.pediatrneurol.2014.10.015. Epub 2014 Oct 16. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/25499091> )

May 2015: ***QI as Research***

- [The Educational Toolbox: Kick Start Your Educational Program in Quality Improvement.](#)  
Hoffman RL, Medbery RL, Vandermeer TJ, Morris JB, Kelz RR. J Surg Educ. 2015 Apr 14. pii: S1931-7204(15)00030-6. doi: 10.1016/j.jsurg.2015.01.014. [Epub ahead of print]  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/25887503> )
- [Learning Evaluation: blending quality improvement and implementation research methods to study healthcare innovations.](#)  
Balasubramanian BA, Cohen DJ, Davis MM, Gunn R, Dickinson LM, Miller WL, Crabtree BF, Stange KC9. Implement Sci. 2015 Mar 10;10(1):31. doi: 10.1186/s13012-015-0219-z.
- [SWOT analysis of a pediatric rehabilitation programme: a participatory evaluation fostering quality improvement.](#)  
Camden C, Swaine B, Tétreault S, Bergeron S. Disabil Rehabil. 2009;31(16):1373-81. doi: 10.1080/09638280802532696.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/19294544> )

April 2015: ***TBI and associated neuroendocrinopathies***

- [Traumatic brain injury and neuro-endocrine disruption: Medical and psychosocial rehabilitation.](#)  
Webb NE, Little B, Loupee-Wilson S, Power EM.  
NeuroRehabilitation. 2014;34(4):625-36. doi: 10.3233/NRE-141074.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/24820169> )
- [Prevalence of Pituitary Dysfunction After Severe Traumatic Brain Injury in Children and Adolescents: A Large Prospective Study](#)  
Personnier C, Crosnier H, Meyer P, Chevignard M, Flechtner I, Boddaert N, Breton S, Mignot C, Dassa Y, Souberbielle JC, Piketty M, Laborde K, Jais JP, Viaud M, Puget S, Sainte-Rose C, Polak M.  
J Clin Endocrinol Metab. 2014 Jun;99(6):2052-60. doi: 10.1210/jc.2013-4129. Epub 2014 Mar 17.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/24635130> )

March 2015: ***Transitioning Care***

- [Federal and state benefits for transition age youth.](#)  
Altman S, O'Connor S2, Anapolsky E3, Sexton L4. J Pediatr Rehabil Med. 2014;7(1):71-7. doi: 10.3233/PRM-140270.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/24919940> )
- [Implementation of an academic adult primary care clinic for adolescents and young adults with complex, chronic childhood conditions.](#)  
Berens JC1, Peacock C2. J Pediatr Rehabil Med. 2015;8(1):3-12. doi: 10.3233/PRM-150313.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/25737343> )

February 2015: **Neuropsychological Symptom Validity Testing**

- [American Academy of Clinical Neuropsychology Consensus Conference Statement on the neuropsychological assessment of effort, response bias, and malingering.](#)  
Heilbronner RL, Sweet JJ, Morgan JE, Larrabee GJ, Millis SR; Conference Participants.  
Clin Neuropsychol. 2009 Sep;23(7):1093-129. doi: 10.1080/13854040903155063. Epub 2009 Sep 2.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/19735055> )
- [The base rate of suboptimal effort in a pediatric mild TBI sample: performance on the Medical Symptom Validity Test.](#)  
Kirkwood MW, Kirk JW. Clin Neuropsychol. 2010;24(5):860-72. doi: 10.1080/13854040903527287. Epub 2010 Feb 24.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/20182954> )
- [Performance of children on symptom validity tests: TOMM, MSVT, and FIT.](#)  
Blaskewitz N1, Merten T, Kathmann N. Arch Clin Neuropsychol. 2008 Jul;23(4):379-91. doi: 10.1016/j.acn.2008.01.008. Epub 2008 Mar 11.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/18337057> )

January 2015: **Chronic Pain**

- [Chronic pain in children and adolescents: 24-42 month outcomes of an inpatient/day hospital interdisciplinary pain rehabilitation program.](#)  
Banez GA, Frazier TW, Wojtowicz AA, Buchannan K, Henry DE, Benore E. J Pediatr Rehabil Med. 2014;7(3):197-206. doi: 10.3233/PRM-140289.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/25260503> )

December 2014: **DVT**

- [Increased use of enoxaparin in pediatric trauma patients.](#)  
Askegard-Giesmann JR1, O'Brien SH, Wang W, Kenney BD. J Pediatr Surg. 2012 May;47(5):980-3. doi: 10.1016/j.jpedsurg.2012.01.060.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/22595585> )
- [Venous thromboembolism prophylaxis in the pediatric trauma population.](#)  
Thompson AJ1, McSwain SD, Webb SA, Stroud MA, Streck CJ. J Pediatr Surg. 2013 Jun;48(6):1413-21. doi: 10.1016/j.jpedsurg.2013.02.059.  
(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/23845640> )

November 2014: **Dysautonomia after Brain Injury**

- [Paroxysmal sympathetic hyperactivity after acute brain injury.](#)

Choi HA1, Jeon SB, Samuel S, Allison T, Lee K. Curr Neurol Neurosci Rep. 2013 Aug;13(8):370. doi: 10.1007/s11910-013-0370-3.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/23780802> )

- [Dysautonomia after pediatric brain injury.](#)

Kirk KA1, Shoykhet M, Jeong JH, Tyler-Kabara EC, Henderson MJ, Bell MJ, Fink EL. Dev Med Child Neurol. 2012 Aug;54(8):759-64. doi: 10.1111/j.1469-8749.2012.04322.x. Epub 2012 Jun 19.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/22712762> )

October 2014: **Conversion Disorder**

- [Conversion disorder: a problematic diagnosis.](#)

Nicholson TR1, Stone J, Kanaan RA. J Neurol Neurosurg Psychiatry. 2011 Nov;82(11):1267-73. doi: 10.1136/jnnp.2008.171306. Epub 2010 Oct 29.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/21036784> )

- [Is physiotherapy effective in the management of child and adolescent conversion disorder? A systematic review.](#)

FitzGerald TL1, Southby AK, Haines TP, Hough JP, Skinner EH. J Paediatr Child Health. 2015 Feb;51(2):159-67. doi: 10.1111/jpc.12630. Epub 2014 Jun 13.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/24923418> )

September 2014: **Use of Standers**

- [The use of standing frames for contracture management for nonmobile children with cerebral palsy.](#)

Gibson SK1, Sprod JA, Maher CA. Int J Rehabil Res. 2009 Dec;32(4):316-23. doi: 10.1097/MRR.0b013e32831e4501.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/19901618> )

- [Systematic review and evidence-based clinical recommendations for dosing of pediatric supported standing programs.](#)

Paleg GS1, Smith BA, Glickman LB. Pediatr Phys Ther. 2013 Fall;25(3):232-47. doi: 10.1097/PEP.0b013e318299d5e7.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/23797394> )

August 2014: **Video games for CP and Bouncebacks from acute rehab**

- [Active video game play in children with cerebral palsy: potential for physical activity promotion and rehabilitation therapies.](#)

Howcroft J, Klejman S, Fehlings D, Wright V, Zabjek K, Andrysek J, Biddiss E. Arch Phys Med Rehabil. 2012 Aug;93(8):1448-56. doi: 10.1016/j.apmr.2012.02.033. Epub 2012 May 7.

(PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/22571917> )

- [Rate of return to acute care hospital based on day and time of rehabilitation admission.](#)

Faulk CE, Cooper NR, Staneata JA, Bunch MP, Galang E, Fang X, Foster KJ. PM R. 2013 Sep;5(9):757-62. doi: 10.1016/j.pmrj.2013.06.002. Epub 2013 Jun 14. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/23770350> )

July 2014: ***Problem Solving Skills training***

- [Using problem-solving skills training to reduce negative affectivity in mothers of children with newly diagnosed cancer: report of a multisite randomized trial.](#)  
Sahler OJ, Fairclough DL, Phipps S, Mulhern RK, Dolgin MJ, Noll RB, Katz ER, Varni JW, Copeland DR, Butler RW. J Consult Clin Psychol. 2005 Apr;73(2):272-83. J Consult Clin Psychol. 2005 Apr;73(2):272-83. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/15796635> )
- [Specificity of problem-solving skills training in mothers of children newly diagnosed with cancer: results of a multisite randomized clinical trial.](#)  
Sahler OJ, Dolgin MJ, Phipps S, Fairclough DL, Askins MA, Katz ER, Noll RB, Butler RW. J Clin Oncol. 2013 Apr 1;31(10):1329-35. doi: 10.1200/JCO.2011.39.1870. Epub 2013 Jan 28. (PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/23358975> )