

PM&R RESEARCH DAY

JUNE 15, 2016

Guest Moderator: Robert Rondinelli, M.D., M.P.H.
Medical Director of Rehabilitation Services, Iowa Health Des Moines

Congratulations Graduating Residents!



David Essaff, D.O.



Katarzyna Iwan, M.D.

Fourth Year Residents

David Essaff, D.O.

PUBLICATIONS

1. Fleeman, J., Stavisky, C, Carson, S. Dukelow, N., Maier, S., Rice, J., Coles, H., Wager, J., Rice, J., **Essaff, D.**, Scherer, M. *Integrating cognitive rehabilitation: A preliminary program description and theoretical review of an interdisciplinary cognitive rehabilitation program.* NeuroRehabilitation. 37 (2015) 471-486.
2. Everett, C., Bauernfeind, M., **Essaff, D.** *Cervical and Thoracic Facet Arthropathy.* American Academy of Physical Medicine & Rehabilitation. Knowledge Now of AAPM&R. www.aapmr.org Revision to be published in June 2016.
3. Poduri, KR., **Essaff, D.** *Dizziness.* American Academy of Physical Medicine & Rehabilitation. PM&R Knowledge Now. www.aapmr.org To be published June 2016.

- Poduri, KR., Norton, D., Paul, J., **Essaff, D.** *Slipped Capital Femoral Epiphysis*. American Academy of Physical Medicine & Rehabilitation. PM&R Knowledge Now. www.aapmr.org Published September, 2014.

PRESENTATIONS/POSTERS

- Essaff, D.**, König Toro, F., Kruppenbacher, M., Strong, N. *Rapid-onset Elbow Heterotopic Ossification in a Patient with Stoke*. (Abstract submitted for 2016 American Association of Academic Physiatrist Annual Meeting).
- Essaff, D.**, Ackroyd, S., Rhie, K., Iwan, K., Fleeman, J., Poduri, KR. *The Effect of Premorbid Anxiety and Depression on Functional Outcomes in Acute Stroke Patients Admitted to Inpatient Rehabilitation*. Poster presented at the American Academy of Physical Medicine & Rehabilitation 2015 Annual Assembly, Boston, MA: October, 2015.
- Essaff, D.**, Iwan, K., Bazarian, J. *Concussion in an Athlete with Incidental Arnold Chiari Type-I Malformation: A Contraindication to Return to Play?* Poster presented at the American Academy of Physical Medicine & Rehabilitation 2015 Annual Assembly, Boston, MA: March 2015.
- Essaff, D.**, Iwan, K., Poduri, KR. *The Effect of Functional Outcomes on Discharge Disposition in Acute Stroke Patients Who Sustained a Fall*. Poster presented at the American Association of Academic Physiatrist 2015 Annual Meeting, San Antonio, TX: March 2015.
- Essaff, D.**, Ransom, D., Everett, C. *Thoracic Myelopathy Presenting as Lumbar Spinal Stenosis*. Poster presented at the American Association of Academic Physiatrist 2015 Annual Meeting, San Antonio, TX: March 2015.
- Iwan, K., **Essaff, D.**, Odom, N. *Unilateral Knee Swelling in a Young Male T7 AIS A: Heterotopic Ossification vs Gout?* Poster presented at the American Association of Academic Physiatrist 2015 Annual Meeting, San Antonio, TX: March 2015.
- Essaff, D.**, Singh, S., Thakur, R. *Superior Hypogastric Plexus Block: A Novel Treatment Approach for Phantom Limb Pain*. Poster presented at the American Academy of Pain Medicine 31st Annual Meeting, National Harbor, MD: March 2015.
- Iwan, K., **Essaff, D.**, Singh, S., Kent, J. *Placebo Effect of a Spinal Cord Stimulator in the Treatment of Post-Herpetic Neuralgia*. Poster presented at the American Academy of Pain Medicine 31st Annual Meeting, National Harbor, MD: March 2015.
- Essaff, D.**, Nickels, J., Poduri, K. R. *Pulmonary Embolism Presenting as Seizure in Two Young Males on an Acute Inpatient Rehabilitation Unit*. Poster presented at the American Academy of Physical Medicine & Rehabilitation 2014 Annual Assembly. San Diego, CA: November 2014.

Katarzyna Iwan, M.D.

PUBLICATIONS

1. Paul, J., **Iwan, K.**, Ramirez, C. Contributed case on *Complex Regional Pain Syndrome* in Physical Medicine and Rehabilitation: Cases and Clinical Review. (Pending publication in 2017).
2. Paul, J., **Iwan, K.**, Ramirez, C. *Arthritis and Common Musculoskeletal Conditions in the Older Adult*, In: Geriatric Rehabilitation from Bedside to Curbside, Chapter 17. Ed: K R Poduri (Pending publication in November, 2016).

PROJECTS COMPETED

3. Thakur, R., Pennella-Vaughan, J., **Iwan, K.**, Fitcher, J. *A Retrospective Review of the Anterior Approach to Superior Hypogastric Plexus Block and Associated Adverse Events*. (Pending submission in September 2016).
4. Gewandter, J., McDermott, M., Dworkin, R., **Iwan, K.**, et al. *Reporting of Cross-Over Clinical Trials of Analgesic Treatments for Pelvic and Visceral Pain: ACTION Systematic Review and Recommendations*. (Pending submission in September 2016).
5. Gewandter, J., McDermott, M., McKeown, A., Hoang, K., **Iwan, K.**, et. al. *Reporting of Cross-Over Clinical Trials of Analgesic Treatments for Chronic Neuropathic and Musculoskeletal Pain: ACTION Systematic Review and Recommendations*. (Submitted for review in January 2016).

PRESENTATIONS/POSTERS

6. Bauernfeind, M., **Iwan, K.**, König Toro, F., Mirabelli, M. *Anticoagulation-Induced Hematoma Following Rupture of a Baker's Cyst: A Case Report*. (Abstract Submitted for 2016 AAPMR Annual Assembly).
7. **Iwan, K.**, Kruppenbacher, M., Philip, A. *Effect of Atlanto-Axial Joint Injection in Treatment of Cervical Facet Arthropathy: A Case Report*. (Abstract Submitted for 2016 AAPMR Annual Assembly).
8. Essaff, D., Ackroyd, S., Rhie, K., **Iwan, K.**, Fleeman, J., Poduri, K.R. *The Effects of Pre-morbid Anxiety and Depression on Functional Outcomes in Acute Stroke Patients Admitted to Inpatient Rehabilitation*. Poster presented at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Boston, MA: October 2015.
9. Essaff, D., **Iwan, K.**, Bazarian, J. *Concussion in an Athlete with Incidental Arnold Chiari Type I Malformation: A Contraindication to Return to Play?* Poster presented at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Boston, MA: October 2015.
10. **Iwan, K.**, Singh, S., Essaff, D., Kent, J. *Placebo Effect of a Spinal Cord Stimulator in the Treatment of Post-Herpetic Neuralgia: A Case Report*. Poster presented at the American Academy of Pain Medicine Annual Assembly, National Harbor, MD: March 2015.

11. **Iwan, K.**, Essaff, D., Odom, N. *Unilateral Knee Swelling In an Young Male T7 AIS A Spinal Cord Injury: Heterotopic Ossification vs Gout?* Poster presented at the Association of Academic Physiatrists Annual Assembly, San Antonio: TX: March 2015.
12. Essaff, D., **Iwan, K.**, Poduri, K. *The Effect of Functional Outcomes on Discharge Disposition in Acute Stroke Patients Who Sustained a Fall.* Poster presented at the Association of Academic Physiatrists Annual Assembly, San Antonio: TX March: 2015.
13. **Iwan, K.**, Norton, D., Odom, N. *Neurostimulants as a Treatment for Anoxic Brain Injury in a Two Year Old Girl with Hereditary Ventricular Arrhythmia: A Case Report.* Poster presented at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, San Diego, CA: November 2014.

Third Year Residents

Kristen Brusky, D.O.

1. **Brusky, K.**, König Toro, F., Strong N., Odom N. *Importance of Recognizing Sinking Skin Flap Syndrome/Syndrome of Trepine: A Case Report.* (Accepted for poster presentation: 2016 AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
2. Strong, N., Love, L., **Brusky, K.** *Acute Rehabilitation of a Patient with Stiff Person Syndrome (SPS) and GAD-antibody Cerebellar Ataxia: A Case Report.* (Accepted for poster presentation: 2016 AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
3. Brusky, K., Schneider, W., Odom, N. *Sensory Stimulation Data Predicts Inpatient FIM Efficiency,* (2014 – in progress).

Nicholas Love, M.D.

1. Strong, N., **Love, L.**, Brusky, K. *Acute Rehabilitation of a Patient with Stiff Person Syndrome (SPS) and GAD-antibody Cerebellar Ataxia: A Case Report*(Accepted for poster presentation: 2016 AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
2. Strong, N., **Love, L.**, König Toro, F., Nickels, J. *A Comparison of Outcomes between Glioblastoma Multiforme and Other Neurological Patients in the Acute Rehabilitation Setting.* (Invitation for Podium Presentation at AAPM&R Annual Assembly, New Orleans, LA. November, 2016).
3. **Love, L.**, Strong, N., Messfin, A. *Evaluating Neurogenic Shock in Traumatic SCI Patients,* (2014 – in progress).

Nicole Strong, D.O.

PUBLICATIONS

4. **Strong, N.**, Nickels, J., Salim, S., Poduri, K. R: *Incontinence in older adults and its management: In Geriatric Rehabilitation from Bedside to Curbside*, Chapter 9. Francis & Taylor, CRC Press (In press ,to be published in November, 2016)
5. Poduri, K. R., **Strong, N.** (2016) *New Spinal Cord Injury: Psychological Adjustment and its Impact on Functional Outcomes and Length of Stay during Acute Rehabilitation*. *Spinal Cord Injury Rehabilitation*. Vol. 22 (1S). 61:9.
6. Love, N., Strong, N., Messfin, A. *Evaluating Neurogenic Shock in Traumatic SCI Patients*, (2014 – in progress).

PRESENTATIONS/POSTERS

7. Poduri, K. R., **Strong, N.** *New Spinal Cord Injury: Psychological Adjustment and its Impact on Functional Outcomes and Length of Stay during Acute Rehabilitation*. Poster presented at the Annual ASIA Conference, Philadelphia, PA: April 2016.
8. **Strong, N.**, Love, N., König Toro, F., Nickels, J. *A Comparison of Outcomes between Glioblastoma Multiforme and Other Neurological Patients in the Acute Rehabilitation Setting*. (Invitation for Podium Presentation at AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
9. **Strong, N.**, König Toro, F., Modzelewska, M., Norton, D., Fleeman, J., Salim, S. *Assessing the Relationship between Emotional Adjustment, Participation Level, and Changes in Functional Abilities during Acute Rehabilitation through the Use of a Psychosocial Adjustment to Injury/Illness Scale*. (Accepted for poster presentation: 2016 AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
10. **Strong, N.**, Odom, N. *Methylphenidate as a Treatment for Traumatic Brain Injury in a 14-Month-Old Female: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
11. **Strong, N.**, Kruppenbacher, M., Ferrero, D. *Culture-negative Osteomyelitis of the Femoral Diaphysis Initially Presenting as Lumbar Radiculopathy in an Otherwise Healthy Individual: A Case Report*. (Accepted for poster presentation AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
12. **Strong, N.**, Love, L., Brusky, K. *Acute Rehabilitation of a Patient with Stiff Person Syndrome (SPS) and GAD-antibody Cerebellar Ataxia: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
13. Brusky, K., König Toro, F., **Strong, N.**, Odom, N. *Importance of Recognizing Sinking Skin Flap Syndrome: Syndrome of Triphine: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, New Orleans, LA, November, 2016).
14. Essaff D, König-Toro F, Kruppenbacher M, **Strong N.** *Rapid-onset Elbow Heterotopic Ossification in a Patient with Stoke*. (Abstract submitted for 2016 American Association of Academic Physiatrist Annual Meeting).

Second Year Residents

Mark Bauernfeind, M.D.

1. **Bauernfeind, M.**, Poduri, K. R., Groth-Juncker, A. *Tai Chi for Preventing Recurrence of Low Back Pain in Healthcare Workers*. J Phys Med Rehabil Disabil 2: 010.2016.
2. Everett, C., **Bauernfeind, M.**, Essaff, D. *Cervical and Thoracic Facet Arthropathy*. American Academy of Physical Medicine & Rehabilitation. PM&R Knowledge Now. www.aapmr.org Revision to be published 06/2016.
3. König Toro, F., **Bauernfeind, M.**, Iwan, K., Mirabelli, M. *Anticoagulation-Induced Hematoma Following Rupture of a Baker's Cyst: A Case Report*. (Abstract Submitted for AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).

Francesca König Toro, M.D.

4. Strong, N., Love, N., **König Toro, F.**, Nickels, J. *Acute Rehabilitation Setting. A Comparison of Outcomes between Glioblastoma Multiforme and Other Neurological Patients in the Acute Rehabilitation Setting*. (Invitation for Podium Presentation at AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).
5. Strong, N., **König Toro, F.**, Modzelewska, M., Norton, D., Fleeman, J., Salim, S. *Assessing the Relationship between Emotional Adjustment, Participation Level, and Changes in Functional Abilities during Acute Rehabilitation through the Use of a Psychosocial Adjustment to Injury/Illness Scale*. (Accepted for poster presentation: AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).
6. **König Toro, F.**, Strong, N., Brusky, K., Odom, N. *Importance of Recognizing Sinking Skin Flap Syndrome/Syndrome of Trephine: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).
7. Iwan, K., **König Toro, F.**, Bauernfeind, M., Mirabelli, M. *Anticoagulation-Induced Hematoma Following Rupture of a Baker's Cyst: A Case Report* (Abstract submitted for AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).
8. Essaff, D., **König-Toro, F.**, Kruppenbacher, M., Strong, N., *Rapid-onset Elbow Heterotopic Ossification in a Patient with Stroke*. (Abstract submitted for the American Association of Academic Physiatrist 2016 Annual Meeting).

Matthew Kruppenbacher, D.O.

1. Strong, N., **Kruppenbacher, M.**, Ferrero, D. *Culture-negative Osteomyelitis of the Femoral Diaphysis Initially Presenting as Lumbar Radiculopathy in an Otherwise Healthy Individual: A Case Report*.

(Accepted for poster presentation: AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).

2. Iwan, K., **Kruppenbacher, M.**, Philip, A. *Effect of Atlanto-Axial Joint Injection in Treatment of Cervical Facet Arthropathy: A Case Report.* (Abstract submitted for AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).
3. Essaff, D., Konig-Toro, F., **Kruppenbacher, M.**, Strong, N. *Rapid-onset Elbow Heterotopic Ossification in a Patient with Stoke.* (Abstract submitted for the American Association of Academic Physiatrist 2016 Annual Meeting).

Faculty Research

K. Rao Poduri, M.D., FAAPMR

PUBLICATIONS

1. Norton, D., Kuhar, S., **Poduri, K.R.** *Functional Outcomes in Patients with a left ventricular assist device.* J Phys Med Rehabil Disabil, 1:007, 2016.
2. **Poduri, K. R.**, Strong, N. *New Spinal Cord Injury: Psychological Adjustment and its Impact on Functional Outcomes and Length of Stay during Acute Rehabilitation.* Spinal Cord Injury Rehabilitation. Vol. 22 (1S). 61:9. 2016.
3. Bauernfeind, M., **Poduri, K. R.**, Groth-Juncker, A. *Tai Chi for Preventing Recurrence of Low Back Pain in Healthcare Workers.* J Phys Med Rehabil Disabil 2: 010.2016.
4. **Poduri, K. R.**, Essaff, D., *Dizziness.* American Academy of Physical Medicine & Rehabilitation. PM&R Knowledge Now. www.aapmr.org To be Published 06/2016.
5. **Poduri, K. R.** *Rehabilitation of Central Nervous System Disorders - Immune Mediated and Neurodegenerative Disorders - Multiple Sclerosis.* Published on-line Knowledge Now, of the AAPM&R. www.aapmr.org June, 2015

PRESENTATIONS/POSTERS

6. **Poduri, K. R.**, Strong, N. *New Spinal Cord Injury: Psychological Adjustment and its Impact on Functional Outcomes and Length of Stay during Acute Rehabilitation.* Poster presented at ASIA Annual Conference, Philadelphia, PA: April, 2016.
7. Essaff, D., Iwan, K., **Poduri, K. R.** *The Effect of Functional Outcomes on Discharge Disposition in Acute Stroke Patients Who Sustained a Fall.* Poster presented at the American Association of Academic Physiatrist 2015 Annual Assembly. Sacramento, CA: March 2015.
8. Essaff, D., Ackroyd, S., Rhie, K., Iwan, K., Fleeman, J., **Poduri, K. R.** *The Effect of Premorbid Anxiety and Depression on Functional Outcomes in Acute Stroke Patients Admitted to Inpatient Rehabilitation.*

Poster presented at the American Academy of Physical Medicine & Rehabilitation 2015 Annual Assembly. Boston, MA: October, 2015.

BOOKS

9. **Poduri, K.R.**, Editor: *Geriatric Rehabilitation from Bedside to Curbside*. Taylor and Francis. CRC. Press. UK. (In press, to be published in November, 2016).
10. **Poduri, K. R.**, Editor and Author; SCI Booklet for patient Education. 2nd Edition. 2015.

BOOK CHAPTERS

11. **Poduri, K. R.** *Epidemiology, Biology & Physiology*. In: *Geriatric Rehabilitation from Bedside to Curbside*, Chapter 1. Francis & Taylor, CRC Press (In press, to be published in November, 2016).
12. Strong, N., Nickels, J., Salim, S., **Poduri, K. R.** *Incontinence in older adults and its management*, In: *Geriatric Rehabilitation from Bedside to Curbside*, Chapter 9. Francis & Taylor, CRC Press (In press, to be published in November, 2016).
13. **Poduri, K.R.** *Economics of Geriatric Rehabilitation*, In: *Geriatric Rehabilitation from Bedside to Curbside*, Chapter 32. Francis & Taylor, CRC Press (In press, to be published in November, 2016).
14. Tucker, B., **Poduri, K.R.** *Aging Gracefully: A Global Perspective*, In: *Geriatric Rehabilitation from Bedside to Curbside*, Chapter 33. Francis & Taylor, CRC Press (In press, to be published in November, 2016).

GRANTS

15. Fleeman, J. PI **Co-PI: Poduri, K.R.** Title: *Optimizing Quality of Life for Individuals with SCI Sponsor: The Craig H. Neilsen Foundation Grant* Type: non-NIH Awarded: 01/01/2014. Completed December 2015.
16. **Poduri, K. R.** PI. “*Community Approach to SCI Wellness*” Project is a collaboration between the University of Rochester Medical Center and 3 local YMCAs to incorporate SCI wellness into their already established programs. Sponsor: The Craig H. Neilsen Foundation Grant Type: non-NIH. Submitted the proposal pending acceptance.

Jeffrey Bazarian, M.D.

PUBLICATIONS

1. Janigro D, Puvenna V, Engeler M, Banjara M, Bernnan C, Schreiber P, Dadas A, Bahrami A, Solanki J, Bandyopadhyay A, Morris JK, Bernick C, Ghosh C, **Bazarian JJ.** *Is phosphorylated tau unique to chronic traumatic encephalopathy? Phosphorylated tau in epileptic brain and chronic traumatic encephalopathy.* Brain Research 2015 (In Press)
2. Undén L, Calcagnile O, Undén J, Reinstrup P, **Bazarian J.** *Validation of the Scandinavian guidelines for initial management of minimal, mild and moderate traumatic brain injury in adults.* BMC Medicine. 2015;13:292.

3. Merchant-Borna K, Lee H, Wang D, Bogner V, van Griensven M, **Bazarian J**. *Genome-wide Changes in Peripheral Gene Expression Following Sports-related Concussion*. J Neurotrauma. 2016 (In Press)
4. Welch RD, Ayaz SI, Lewis LM, Uden J, Chen JY, Mika VH, Saville B, Tyndall JA, Nash M, Buki A, Barzo P, Hack D, Tortella FC, Schmid K, Hayes R, Vossough A, Sweriduk ST, **Bazarian JJ**. *Ability of serum glial fibrillary acidic protein, ubiquitin C-terminal hydrolase-L1, and S100B to differentiate normal and abnormal head CT findings in patients with suspected mild or moderate TBI*. Journal of Neurotrauma. 2015 Ahead of Print, doi:10.1089/neu.2015.4149
5. Bernstein JPK, Mitchell LS, **Bazarian JJ**, Langfitt JT. *The King-Devick Test: an indicator of longer-term cognitive effects post-concussion*. Acta Neuropsychologica. 2015;13(3)
6. Gill J, Merchant-Borna K, Lee H, Livingston WS, Olivera A, Cashion A, Wang D, **Bazarian JJ**. *Sports-Related Concussions Result in Differential Expression of Inflammatory Nuclear Factor- κ B Genes In Peripheral Blood during the acute and sub-acute periods*. Journal of Head Trauma Rehabilitation 2015. Ahead of Print, doi: 10.1097/HTR.0000000000000191.

PRESENTATIONS/POSTERS

7. Essaff, D., Iwan, K., **Bazarian, J**. *Concussion in an Athlete with Incidental Arnold Chiari Type I Malformation: A Contraindication to Return to Play?* Poster presented at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Boston, MA: March 2015.

GRANTS

8. **Bazarian J**. PI : *Validation of Putative Serum Markers of Axonal Damage after Mild TBI*.. October 2015. Funded Research: K24 HD064754-01A1 03/01/11 – 02/28/16.

Krista Damann, Ph.D.

1. Gill, D., Damann, K., (2015) Language Dysfunction, Continuum (In Press)

Clifford Everett, M.D.

1. **Everett, C.R.**, Patel, R. K. *Paget's Disease: An Algorithmic Approach*, In: *Interventional Spine: 1st edition*, Chapter 41. Editors Curtis Slipman, Richard Derby, Frederick Simeone, Tom Mayer. Elsevier Lts. (In press).
2. Patek, R. K, **Everett, C. R.** *Injection Procedures, In: An Algorithmic Approach: Interventional Spine: 1st edition*, Chapter 94. Editors Curtis Slipman, Richard Derby, Frederick Simeone, Tom Mayer. Elsevier Lts. (In press).

3. **Everett, C.,** Bauernfeind, M., Essaff, D. *Cervical and Thoracic Facet Arthropathy*. American Academy of Physical Medicine & Rehabilitation. PM&R Knowledge Now. www.aapmr.org Revision to be published June 2016.

Donna Ferrero, M.D.

1. Strong, N., Kruppenbacher, M., **Ferrero, D.** *Culture-negative Osteomyelitis of the Femoral Diaphysis Initially Presenting as Lumbar Radiculopathy in an Otherwise Healthy Individual: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).

Joel Kent, M.D.

1. Iwan, K., Singh, S., Essaff, D., **Kent, J.** *Placebo Effect of a Spinal Cord Stimulator in the Treatment of Post-Herpetic Neuralgia: A Case Report*. Poster presented at: American Academy of Pain Medicine Annual Assembly, National Harbor, MD: March 2015
2. O.J. Sahler (P I), **Kent J.** *Rochester Area Collaborative Center of Excellence for Pain Education: NIH P1in Consortium*. Grant # GS-10F-0261K/HHSN271201100111U.

Mark Mirabelli, M.D.

9. Iwan, K., König Toro, F., Bauernfeind, M., **Mirabelli, M.** *Anticoagulation-Induced Hematoma Following Rupture of a Baker's Cyst: A Case Report*. 2016 (Abstract submitted to AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).

Jean Nickels, M.D.

1. Strong, N., **Nickels, J.,** Salim, S, Poduri, K. R. *Incontinence in older adults and its management: In Geriatric Rehabilitation from Bedside to Curbside*, Chapter 9. Francis & Taylor, CRC Press (In press, to be published in November, 2016).
2. Strong N, Love N, König Toro F, **Nickels J.** *A Comparison of Outcomes between Glioblastoma Multiforme and Other Neurological Patients in the Acute Rehabilitation Setting*. (Invitation for Podium Presentation at AAPM&R 2016 Annual Assembly, New Orleans, LA).

Nathan Odom, M.D.

1. Brusky K, König Toro F, Strong N, **Odom N.** *Importance of Recognizing Sinking Skin Flap Syndrome/Syndrome of Trepheine: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).
2. Strong, N., **Odom, N.** *Methylphenidate as a Treatment for Traumatic Brain Injury in a 14-Month-Old Female: A Case Report*. (Accepted for poster presentation: AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).

Rajeev Patel, M.D.

1. Everett C. R., **Patel, R.K.** *Paget's Disease*. Interventional Spine, In: An Algorithmic Approach, Chapter 41.1st edition, Editors Curtis Slipman, Richard Derby, Frederick Simeone, Tom Mayer. Elsevier Lts. (In press).
2. **Patel, R.K.**, Everett, C. R. *Injection Procedures Interventional Spine*, In: An Algorithmic Approach, Chapter 94. 1st edition, Editors Curtis Slipman, Richard Derby, Frederick Simeone, Tom Mayer. Elsevier Lts. (In press).

Jennifer Paul, M.D.

1. **Paul, J.**, Iwan, K., Ramirez, C. *Complex Regional Pain Syndrome* in Physical Medicine and Rehabilitation: Cases and Clinical Review. (Pending publication in 2017).
2. **Paul, J.**, Iwan, K., Ramirez, C. *Arthritis and Common Musculoskeletal Conditions in the Older Adult*, In: *Geriatric Rehabilitation from Bedside to Curbside*, Chapter 17. Francis & Taylor, CRC Press (In press, to be published in November, 2016).

Annie Philip, M.B., B.S.

1. **Philip A**, Gorrha D, Thakur R. *Pain and its management in Older Adults*, In: Geriatric Rehabilitation from curbside to beside, Chapter 12. K Poduri ed, Taylor and Francis (In press, to be published in November, 2016).
3. Thakur R, **Philip A**. *Post herpetic neuralgia*, In: Pain medicine and management just the facts second edition, P Staats, M Wallace eds, McGraw Hill, 303-307, 2015.
4. Iwan, K., Kruppenbacher, M., **Philip, A**. *Effect of Atlanto-Axial Joint Injection in Treatment of Cervical Facet Arthropathy: A Case Report*. (Abstract submitted for AAPM&R Annual Assembly, November, 2016 in New Orleans, LA).

Sara Salim, M.D.

1. Strong, N., Nickels, J., **Salim, S**. Poduri, K. R. *Incontinence in older adults and its management*: In *Geriatric Rehabilitation from Bedside to Curbside*. Chapter 9. Francis & Taylor, CRC Press (In press, to be published in November, 2016).
2. Strong, N., König Toro, F., Modzelewska, M., Norton, D., Fleeman, J., **Salim, S**. *Assessing the Relationship between Emotional Adjustment, Participation Level, and Changes in Functional Abilities during Acute Rehabilitation through the Use of a Psychosocial Adjustment to Injury/Illness Scale*. (Accepted for poster presentation: 2016 AAPM&R Annual Assembly, New Orleans, LA, November, 2016).

Marcia Scherer, Ph.D.

PUBLICATIONS

1. Zapf, S. A., **Scherer, M. J.**, Baxter, M. F. Rintala, D. H. (2016) Validating a measure to assess factors that affect assistive technology use by students with disabilities in elementary and secondary education, *Disability and Rehabilitation: Assistive Technology*, 11(1), 38-49. PMID: 26696460.
2. **Scherer, M. J.** Federici, S. (2015). Why people use and don't use technologies: Introduction to the special issue on assistive technologies for cognition/cognitive support technologies. *NeuroRehabilitation*, 37(3), 315-319. PMID: 26518529.
3. Hendricks, D. J., Sampson, E., Rumrill, P., Leopold, A., Elias, E., Jacobs, K., Nardone, A., **Scherer, M.**, Stauffer, C. (2015). Activities and interim outcomes of a multi-site development project to promote cognitive support technology use and employment success among postsecondary students with traumatic brain injuries. *NeuroRehabilitation*. 37(3), 449-458. PMID: 26484525.
4. Fleeman, J. A., Stavisky, C., Carson, S., Dukelow, N., Maier, S., Coles, H., Wager, J., Rice, J., Essaff, D., **Scherer, M.** (2015). Integrating cognitive rehabilitation: A preliminary program description and theoretical review of an interdisciplinary cognitive rehabilitation program. *NeuroRehabilitation*. 37(3), 471-486. PMID: 26518536.
5. Elias, E., **Scherer, M. J.**, Leopold, A., Rumrill, P. D., Jacobs, K., Hendricks, D. J., Nardone, A., Stauffer, C., Sampson, E. (October 29, 2015). Project Career: Using Technology to Help Students With TBI Transition from College to Employment. In: 2015 ACRM Annual Conference Abstracts, *Archives of Physical Medicine and Rehabilitation*, 96(10), e1. <http://dx.doi.org/10.1016/j.apmr.2015.08.406>. Presented at the ACRM Annual conference in Toronto, CA

BOOK CHAPTER

6. Lane, F.J., Nitsch, K.P, & **Scherer, M.J.** (2016). *Ethical issues in the development and implantation of neural prosthetics*, In *Neurobionics: The Biomedical Engineering of Neural Prosthesis*, Ed: R.K. Shepherd, Wiley and Sons, Inc., New York. This publication is currently being prepared for publication by ISUP, Inc., dba John Wiley & Sons, Inc.

Kamaljit Sidhu, M.D.

1. Chin M and **Sidhu K**: Spinal Cord Injury. In: *Knock Out The Boards: An Anesthesia Oral Board Review*. Lovich-Sapola, J (2nd ed.) 2015.

Rajbala Thukar, M.D.

1. **Thakur, R.**, Pennella-Vaughan, J., Iwan, K., Fitcher, J. A *Retrospective Review of the Anterior Approach to Superior Hypogastric Plexus Block and Associated Adverse Events*. University of Rochester Medical Center, Rochester, NY, Pending submission in September 2016.

2. Philip A, Gorrha D, **Thakur R.** *Pain and its management in Older Adults*, In: Geriatric Rehabilitation from curbside to beside, Chapter 12. K Poduri ed, Taylor and Francis (In press, to be published in November, 2016).
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