



# ALLINA HEALTH RESEARCH

2018 Publications, Abstracts and Presentations

# Discovery

Advancing health outcomes through research

# Publications

## CANCER

### VIRGINIA PIPER CANCER INSTITUTE

Chesney J, Awasthi S, Curti B, Hutchins L, Linette G, Triozzi P, Tan MCB, Brown RE, Nemunaitis J, Whitman E, Windham C, Lutzky J, Downey GF, Batty N, Amatruda T. Phase IIIb safety results from an expanded-access protocol of talimogene laherparepvec for patients with unresected, stage IIIB-IV1c melanoma. *Melanoma Res.* 2018 Feb;28(1):44-51.

Dillman RO, Cornforth AN, Nistor GI, McClay EF, Amatruda TT, Depriest C. Randomized phase II trial of autologous dendritic cell vaccines versus autologous tumor cell vaccines in metastatic melanoma: 5-year follow up and additional analyses. *J Immunother Cancer.* 2018 Mar 6;6(1):19.

Janni W, Alba E, Bachelot T, Diab S, Gil-Gil M, Bech TJ, Ryvo L, Lopez R, Tsai M, Esteve FJ, Zamora Aunon P, Kral Z, Ward P, Richards P, Pluard TJ, Sutradhar S, Miller M, Campone M. First-line ribociclib plus letrozole in postmenopausal women with HR+, HER2- advanced breast cancer: Tumor response and pain reduction in the phase 3 MONALEESA-2 trial. *Breast Cancer Res Treat.* 2018 Jun;169(3): 469-479. Doi: 10.1007/s10549-017-4658-x. Epub 2018 Feb 5.

Ladd MK, Peshkin BN, Senter L, Baldinger S, Isaacs C, Segal H, Philip S, Phillips C, Shane K, Martin A, Weinstein V, Pilarski R, Jeter J, Sweet K, Hatten B, Wurtmann EJ, Phippen S, Bro D, Schwartz MD. Predictors of risk-reducing surgery intentions following genetic counseling for hereditary breast and ovarian cancer. *Transl Behav Med.* 2018 Nov 10. Doi: 10.1093/tbm/iby101. [Epub ahead of print].

Lillemo T, Tsai ML, Swenson KK, Krueger J, Harris K, Rueth N, Grimm E, Susnik B, Leach JW. Clinicopathological analysis of a large series of microinvasive breast cancer. *Breast J.* 2018 Jul;24(4):574-579. doi:10.1111/tbj.13001. Epub 2018 Feb 24.

Owonikoko TK, Dahlberg SE, Sica GL, Wagner LI, Wade JL 3rd, Srkalovic G, Lash BW, Leach JW, Leal TB, Aggarwal C, Ramalingam SS. Randomized phase II trial of cisplatin and etoposide in combination with veliparib or placebo for extensive-stage small-cell lung cancer: ECOG-ACRIN 2511 Study. *J Clin Oncol.* 2018 Dec 5;JCO1800264. Doi:10.1200/JCO.18.00264. [Epub ahead of print].

Schultz KAP, Williams GM, Kamihara J, Harris AK, Stewart DR, Bauer AJ, Turner J, Malkin D, Wolfe Schneider K, Carr A, Baldinger S, ... Hill A. DICER1 and associated conditions: Identification of at-risk individuals and recommended surveillance strategies. *Clin Cancer Res.* 2018 May 15;24(10):2251-2261. Doi: 10.1158/1078-0432.CCR-17-3089. Epub 2018 Jan 17.

Susnik B, Schneider L, Swenson KK, Krueger J, Braatz C, Lillemo T, Tsai M, DeFor T, Knaack M, Rueth N. Predictive value of breast MRI in detecting mammographically occult contralateral breast cancer: Can we target women more likely to have contralateral breast cancer? *J Surg Oncol.* 2018 Jul;118(1):221-227. Doi: 10.1002/jso.25130. Epub 2018 Sep 9.

Tsai M, Lo S, Audeh W, Qamar R, Budway R, Levine E, et al. Association of 70-gene signature assay findings with physicians' treatment guidance for patients with early breast cancer classified as intermediate risk by the 21-gene assay. *JAMA Oncol.* 2018 Jan 11;4(1): e173470. Doi: 10.1001/jamaoncol.2017.3470. Epub 2018 Jan 11.

Article published in Metro Doctors: Baldinger S. Genetic Testing Colleague Interview: A conversation with Shari Baldinger, MS. *Metro Doctors: The Journal of the Twin Cities Medical Society*, Jan/Feb 2018, p. 7 – 11.

## CARDIOVASCULAR

### MINNEAPOLIS HEART INSTITUTE FOUNDATION

<https://mplsheart.org/news-event/2018-mhi-mhif-research-dissemination/>

### METROPOLITAN HEART AND VASCULAR INSTITUTE

Lee MS, Anose BM, Martinsen BJ, Lee AC, Shlofmitz RA, Chambers JW. Orbital atherectomy treatment of severely calcified native coronary lesions in patients with prior coronary artery bypass grafting: Acute and one-year outcomes from the ORBIT II trial. *Cardiovasc Revasc Med.* 2018 Jul;19(5 Pt A):498-502.

Lee MS, Gordin JS, Stone GW, Sharma SK, Saito S, Mahmud E, Chambers J, Généreux P, Shlofmitz R. Orbital and rotational atherectomy during percutaneous coronary intervention for coronary artery calcification. *Catheter Cardiovasc Interv.* 2018;92:61-67. <http://doi.org/10.1002/ccd.27339>.

Lee MS, Martinsen BJ, Lee AC, Behrens AN, Shlofmitz RA, Kim CY, Chambers JW. Impact of diabetes mellitus on procedural and one year clinical outcomes following treatment of severely calcified coronary lesions with the orbital atherectomy system: A subanalysis of the ORBIT II study. *Catheter Cardiovasc Interv.* 2018 May 1;91(6):1018-1025.

Lee MS, Shlofmitz RA, Martinsen BJ, Sethi S, Chambers JW. Impact of age following treatment of severely calcified coronary lesions with the orbital atherectomy system: 3-year follow-up. *Cardiovasc Revasc Med.* 2018 Jan 31. pii: S1553-8389(18)30013-7. doi: 10.1016/j.carrev.2018.01.011. [Epub ahead of print]

Lee MS, Shlofmitz RA, Shlofmitz E, Srivastava PK, Kong J, Grines C, Revytak G, Chambers JW. Orbital atherectomy for the treatment of small (2.5mm) severely calcified coronary lesions: ORBIT II sub-analysis. *Cardiovasc Revasc Med.* 2018 Apr;19(3 Pt A):268-272.

## UNITED HEART & VASCULAR CLINIC

Adamantios Tsangaris, Timothy R. Matsuura, Jason A. Bartos, Matthew D. Olson, Scott H. McKnight, Jennifer N. Rees, Kadambari Chandra Shekar, Demetris Yannopoulos. Sodium Nitroprusside Enhanced CPR and intra-CPR Hypothermia. *Emerg Med Inves.* 2018 May

Gage RM, Khan AH, Syed IS, Bajpai A, Burns KV, Curtin AE, Blanchard AL, Gillberg JM, Ghosh S, Bank, AJ. Twelve-lead ECG optimization of cardiac resynchronization therapy in patients with and without delayed enhancement on cardiac MRI. *J. Am. Heart Assoc.* 2018; 7(23): e009559.

Hickson LJ, Rule AD, Thorsteindottir B, Shields RC, Porter IE, Fleming MD, Ubl DS, Crowson CS, Hanson KT, Elhassan BT, Mehrotra R, Arya S, Albright RC, Williams AW, and Haberman EB. Predictors of early mortality and readmissions among dialysis patients undergoing lower extremity amputation. *J Vasc Surg.* 2018 Nov;68(5):1505-1516. PMID: 30369411

Holm, M. A., Mattison, L. M., Vatterott, P., & laizzo, P. A. (2018). Direct visualization of the removal of chronically implanted pacing leads from an unfixed human cadaver. *HeartRhythm case reports*, 4(5), 170-172.

Kurt W. Prins, MD, PhD, Lauren Rose, BS, Stephen L Archer, E. Kenneth Weir, MD, Marc Pritzker, MD, Nathan Holthaus, BS, Matt Olson, MD, Thenappan Thenappan. Clinical Determinants and Prognostic Implications of Right Ventricular Dysfunction in Pulmonary Hypertension due to Chronic Lung Disease. Accepted with revisions, JAHA 2018 Nov

Li Y, Nantsupawat T, Olson M, Tholakanahalli V, Adabag S, Wang Z, Benditt DG, Li JM. A single center experience on the clinical utility evaluation of an insertable cardiac monitor. *J Electrocardiol.* 2018 Jul - Aug;51(4):583-587

Manan Gandhi, Yunpeng Pan, Evangelos Theodorou, Pierre Sebastian, Matthew Olson and Demetri Yannopoulos. Learning to Predict Coronary Perfusion Pressure During Cardiopulmonary Resuscitation. ASME 2018 Dynamic Systems and Control Conference Paper. 2018 September. doi:10.1115/DSCC2018-8968

Mirza AK, Stauffer K, Fleming MD, De Martino R, Oderich G, Kalra M, Gloviczki P, Bower T. Endoscopic versus open great saphenous vein harvesting for femoral to popliteal artery bypass. *J Vasc Surg.* 2018 Apr;67(4):1199-1206 PMID: 29102747

Vatterott, P. J., Eggen, M. D., Mattson, A. R., Omdahl, P. K., Hilpisch, K. E., & laizzo, P. A. (2018). Retrieval of a chronically implanted leadless pacemaker within an isolated heart using direct visualization. *HeartRhythm case reports*, 4(5), 167-169.

Vatterott, P. J., Syed, I. S., & Khan, A. H. (2018). Lead Extraction Imaging. *Cardiac electrophysiology clinics*, 10(4), 625-636.

## CARE DELIVERY RESEARCH

### CRITICAL CARE & HOSPITALISTS

Boland LL, Huelster JS, Hildebrandt DA, Saavedra Romero S, Normington JP, Melamed RR, Mooney MR, Mulder M. Infection, timing of antibiotics and outcomes in out-of-hospital cardiac arrest patients treated with therapeutic hypothermia. *Journal of the Minneapolis Heart Institute Foundation* 2018 Jul; 2(1):21-27.

Sultan OW, Boland LL, Kinzy TG, Melamed RR, Seatter SC, Farivar RS, Kirkland LL, Mulder M. Improved outcomes with integrated intensivist consultation in cardiac surgery patients. *Am J Med Qual* 2018 Mar; doi: 10.1177/1062860618766614

Tierney DM, Boland LL, Overgaard JD, Huelster JS, Jorgenson A, Normington JP, Melamed RR. Pulmonary ultrasound scoring system for intubated critically ill patients and its association with clinical metrics and mortality: A prospective cohort study. *J Clin Ultrasound* 2018 Jan; 46(1):14-22.

### EMERGENCY SERVICES

Boland LL, Kinzy TG, Myers RN, Fernstrom KM, Kamrud JW, Mink PJ, Stevens AC. Burnout and exposure to critical incidents in a cohort of emergency medical services workers from Minnesota. *West J Emerg Med* 2018 Nov; 19(6):987-995.

### HONU / CV

Lindberg R, Sidebottom AC, McCool B, Pereira RF, Sillah A, Boucher JL. Changing the Restaurant Food Environment to Improve Cardiovascular Health in a Rural Community: Implementation and Evaluation of the Heart of New Ulm Restaurant Program. Published online January 10, 2018 *Public Health Nutrition*.

Sidebottom AC, Sillah A, Vock DM, Miedema MD, Pereira R, Benson G, Lindberg R, Boucher JL, Knickelbine T, VanWormer JJ. Assessing the Impact of the Heart of New Ulm Project on Cardiovascular Outcomes: A Population-Based Program to Reduce Cardiovascular Disease. *Preventive Medicine*, 112: 216-221. Published online in May (print version July).

VanWormer JJ, Pereira RF, Sillah A, Sidebottom AC, Benson G, Lindberg R, Winters C, Boucher JL. Adult Weight Management across the Community: Population-level Impact of the LOSE IT to WIN IT Challenge. *Obesity Science & Practice* (Published online March 14, 2018).

### INFECTIOUS DISEASES

Rhame, FS. Shringrix vaccine for zoster: A substantial advancement with broad applicability. *Minnesota Physicians*. January 2018, 14-17.

## NEUROSCIENCE

Albers GW, Marks MP, Kemp S, Christensen S, Tsai JP, Ortega-Gutierrez S, McTaggart RA, Torbey MT, Kim-Tenser M, Leslie-Mazwi T, Sarraj A, Kasner SE, Ansari SA, Yeatts SD, Hamilton S, Mlynash M, Heit JJ, Zaharchuk G, Kim S, Carrozzella J, Palesch YY, Demchuk AM, Bammer R, Lavori PW, Broderick JP, Lansberg MG; DEFUSE 3 Investigators. Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. *N Engl J Med.* 2018 Feb 22; 378(8):708-718. doi: 10.1056/NEJMoa1713973. Epub 2018 Jan 24.

Asaithambi G, Castle AL, Stein LJ, Marino EH, Ho BM, Wallace-Jackson A, Hanson SK, Lassig JP. Real-world treatment of large vessel occlusions: combined outcomes of directly presenting and transferred-in patients to a stroke center. *Neurological Research.* 2018 Apr; 40:8, 637-643.

Asaithambi G, Monita JE, Annamalai RM, Ho BM, Marino EH, Hanson SK. Prevalence of atrial fibrillation with insertable cardiac monitors in cryptogenic stroke: A single-center experience. *Journal of Electrocardiology.* 2018; 51:6, 973 – 976.

Chirag D Gandhi, Fawaz Al Mufti, I Paul Singh, Todd Abruzzo, Barbara Albani, Sameer A Ansari, Adam S Arthur, Mark Bain, Blaise W Baxter, Ketan R Bulsara, Justin M Caplan, Michael Chen, Guilherme Dabus, Don Frei, Steven W Hetts, M Shazam Hussain, Mahesh V Jayaraman, Yasha Kayan, Richard P Klucznik, Seon-Kyu Lee, William J Mack, Thabele Leslie-Mazwi, Ryan A McTaggart, Philip M Meyers, Maxim Mokin, Athos T Patsalides, Charles J Prestigiacomo, G Lee Pride Jr, Robert M Starke, Peter J Sunenshine, Justin F Fraser on behalf of the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery (SNIS). Neuroendovascular management of emergent large vessel occlusion: update on the technical aspects and standards of practice by the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. *J NeuroInterv Surg* 2018 Jan 12 [Epub date].

Delgado Almandoz JE, Kayan Y, Wallace AN, Tarrel RM, Fease JL, Scholz JM, Milner AM, Roohani P, Mulder M, Young ML. Larger ACE 68 aspiration catheter increases first-pass efficacy of ADAPT technique. *J NeuroInterv Surg.* 2018 Jul 3. pii: neurintsurg-2018-013957.

Dunn D.H., Johnson E.M., Aasheim T.C., Banerji N. (2018) Robotic Operations for Gastroesophageal Reflux Disease. In: Fong Y., Woo Y., Hyung W., Lau C., Strong V. (eds) *The SAGES Atlas of Robotic Surgery.* Springer. Pages 379-398.

Hendrickx JFA, De Wolf AM, Skinner S. Journal of clinical monitoring and computing 2017 end of year summary: anesthesia. *J Clin Monit Comput.* 2018 Apr;32(2):207-211. doi: 10.1007/s10877-018-0120-9. Epub 2018 Feb 24.

Johnston SC, Easton JD, Farrant M, POINT Investigators, et al. Clopidogrel and aspirin in acute ischemic stroke and high-risk TIA. *N Engl J Med.* 2018; 379:215-225.

Johnston SC, Easton JD, Farrant M, Barsan W, Conwit RA, Elm JJ, Kim AS, Lindblad AS, Palesch YY; Clinical Research Collaboration, Neurological Emergencies Treatment Trials Network, and the POINT Investigators. Clopidogrel and Aspirin in Acute Ischemic Stroke and High-Risk TIA. *N Engl J Med.* 2018 Jul 19;379(3):215-225. Epub 2018 May 16.

Junaid YT, Wallace AN, Madaelil TP, Osbun JW, Moran CJ, Cross DT III, Limbrick DD, Zipfel GJ, Dacey RG, Kansagra AP. Treatment of pediatric intracranial aneurysms: case series and meta-analysis. *J Neurointerv Surg.* 2018 Aug 12 [epub ahead of print].

Kansagra AP, Wallace AN, Curfman DR, McEachern JD, Moran CJ, Cross DT 3rd, Lee JM, Ford AL, Manu SG, Panagos PD, Derdeyn CP. Streamlined Triage and Transfer Protocols Improve Door-to-Puncture Time for Endovascular Thrombectomy in Acute Ischemic Stroke. *Clin Neurol Neurosurg.* 2018 Mar;166:71-75.

Liau LM, Ashkan K, Tran DD, Campian JL, Trusheim JE, Cobbs CS, Heth JA, Salacz M, Taylor S, D'Andre SD, Iwamoto FM, Dropcho EJ, Moshel YA, Walter KA, Pillainayagam CP, Aiken R, Chaudhary R, Goldlust SA, Bota DA, Duic P, Grewal J, Elinzano H, Toms SA, Lillehei KO, Mikkelsen T, Walbert T, Abram SR, Brenner AJ, Brem S, Ewend MG, Khagi S, Portnow J, Kim LJ, Loudon WG, Thompson RC, Avigan DE, Fink KL, Geoffroy FJ, Lindhorst S, Lutzky J, Sloan AE, Schackert G, Krex D, Meisel HJ, Wu J, Davis RP, Duma C, Etame AB, Mathieu D, Kesari S, Piccioni D, Westphal M, Baskin DS, New PZ, Lacroix M, May SA, Pluard TJ, Tse V, Green RM, Villano JL, Pearlman M, Petrecca K, Schulder M, Taylor LP, Maida AE, Prins RM, Cloughesy TF, Mulholland P, Bosch ML. First results on survival from a large Phase 3 clinical trial of an autologous dendritic cell vaccine in newly diagnosed glioblastoma. *J Transl Med.* 2018 May 29;16(1):142. doi:10.1186/s12967-018-1507-6. Erratum in: *J Transl Med.* 2018 Jun 29;16(1):179. PubMed PMID: 29843811; PubMed Central PMCID: PMC5975654.

Nussbaum ES, Hilton C, Defillo A, McDonald W, Passe T, Kallmes KM, Nussbaum LA. Extradural petromastoid calcifying pseudoneoplasm of the neuraxis (CAPNON): Case report and literature review. *Clin Neurol Neurosurg.* 2018 Mar;166:99-106. doi: 10.1016/j.clineuro.2018.01.010. Epub 2018 Jan 12. PubMed PMID: 29408781.

Nussbaum LA, Kallmes KM, Bellairs E, McDonald W, Nussbaum ES. De novo cavernous malformation arising in the wall of vestibular schwannoma following stereotactic radiosurgery: case report and review of the literature. *Acta Neurochir (Wien).* 2018 Nov 14. doi: 10.1007/s00701-018-3734-2. [Epub ahead of print] PubMed PMID: 30430258.

Paolini MA, Kipp BR, Sukov WR, Jenkins SM, Barr Fritcher EG, Aranda D, SantaCruz KS, Al-Dandan S, Fisher P, McDonald WC, Bondurant CP, Van Dyke Darkow G, Giannini C, Parisi JE, Jentoft ME, Raghunathan A. Sellar Region Atypical Teratoid/Rhabdoid Tumors in Adults: Clinicopathological Characterization of Five Cases and Review of the Literature. *J Neuropathol Exp Neurol.* 2018 Dec 1;77(12):1115-1121. doi: 10.1093/jnen/nly091. PubMed PMID: 30295777.

Sala F, Skinner SA, Arle JE, Constantini S, Deletis V, Kothbauer KF, MacDonald DB, Shils J, Soto F, Szelenyi A. Letter: Guidelines for the use of Electrophysiological Monitoring for Surgery of the Human Spinal Column and Spinal Cord. *Neurosurgery.* 2018 Aug 1;83(2):E82-E84. doi: 10.1093/neuros/nyy231. PubMed

Stevens SM, McClelland CM, Trusheim JE, Lee MS. Carboplatin-associated Cranial Neuropathy. *Neuroophthalmology.* 2018 Jan 26;42(5):302-305. doi:10.1080/01658107.2017.1419367. eCollection 2018 Oct. PubMed PMID: 30258477; PubMed Central PMCID: PMC6152513

## NURSING

Jepsen, S., Sendelbach, S., Ruppel, H., Funk, M., Wahl, S., (2018). AACN Practice Alert- Managing alarms in acute care across the life span: Electrocardiography and pulse oximetry. *Critical Care Nurse* 38(2); e16-e20.

Johnson, A. (2018). Ideas that work. Never misplace a pathology specimen. *Outpatient Surgery*. August 1, 2018.

Schenk, E.C., Bryant, R.A., Van Son, C.R., Odom-Maryon, T. (2019): Developing an intervention to reduce harm in hospitalized patients: Patients and families in research. *J Nursing Care Quality*, 34(3);2019. (Pub ahead of print Sept. 2018).

Schenk, E.C., Bryant, R.A., Van Son, C.R., Odom-Maryon, T. (2019): The forgotten voice: Perspectives on patient and family engagement with reduction in harm. *J Nursing Care Quality* 34(1):2010 (Pub ahead of print June 8, 2018).

## ORTHOPEDIC RESEARCH

### SPORTS & ORTHOPAEDIC SPECIALISTS

Buss DD, Stern SH, McCarty LP III, Tervola NK, Giveans MR. Prevalence of Rotator Cuff Repairs With and Without Concomitant Subacromial Decompressions. *HSS Journal*. 2018;14(2): 123-127.

Denker JA, Buss DD. Open Anterior Shoulder Stabilization. In: Stern S, Bono C, Saltzman M (Eds.), *Key Techniques in Orthopaedic Surgery*, 2nd edition (Section I, Chapter 2). New York, NY: Thieme. 2018.

Denker JA, Buss DD. Shoulder Arthroscopy and Subacromial Decompression. In: Stern S, Bono C, Saltzman M (Eds.), *Key Techniques in Orthopaedic Surgery*, 2nd edition (Section I, Chapter 4). New York, NY: Thieme. 2018.

Fader RR, Tao MA, Gaudiani MA, Turk R, Nwachukwu BU, Esposito CI, Ranawat AS. The Role of Lumbar Lordosis and Pelvic Sagittal Balance in Femoroacetabular Impingement. *Bone Joint Journal*. 2018 Oct;100-B(10):1275-1279.

Gauger EM, Gauger EJ, Desai MJ, Lee DH. Opioid Use After Upper Extremity Surgery. *Hand Surg Am*. 2018 May;43(5):470-479.

Gauger EM, Rhee PC. Surgical Management of the Posttraumatic Stiff Elbow: A Step-Wise Algorithm for Open Osteocapsular Release. *Tech Hand Up Extrem Surg*. 2018 Dec;22(4):127-133.

Hess DE, Drace P, Franco MJ, Chhabra AB. Failed Thumb Carpometacarpal Arthroplasty: Common Etiologies and Surgical Options for Revision. *J Hand Surg Am*. 2018 Jun 19. pii: S0363-5023(17)31114-0. doi: 10.1016/j.jhsa.2018.03.052. [Epub ahead of print]

Kalia V, Fader RR, Mintz DN, Bogner EA, Buly RL, Carrino JA, Kelly BT. Current Concepts Review: Quantitative evaluation of hip impingement utilizing computed tomography measurements. *The Journal of Bone and Joint Surgery*, 2018 Sep 5; 100 (17): 1526

Lindgren KE, Pelt CE, Anderson MB, Peters CL, Spivak ES, Gililand JM. A Chlorhexidine Solution Reduces Aerobic Organism Growth in Operative Splash Basins in a Randomized Controlled Trial. *J Arthroplasty*. 2018 Jan;33(1):211-215.

Wang D, Wang T, Fader RR, Pais MD, Williams RJ. Similar outcomes after osteochondral allograft transplantation in anterior cruciate ligament intact and reconstructed knees: a comparative matchedgroup analysis with minimum two-year follow up. *Arthroscopy*. 2017 Dec;33(12):2198-2207.

Wallace AN, Delgado Almandoz JE, Kayan Y, Fease J, Scholz J, Milner A, Thomas M. Pipeline Treatment of Intracranial Aneurysms is Safe and Effective in Patients with Cutaneous Metal Allergy. *World Neurosurg*. 2018. pii: S1878-8750(18)32665-2. doi: 10.1016/j.wneu.2018.11.115. [Epub ahead of print] PubMed PMID: 30476671.

Wallace AN, Grossberg JA, Delgado Almandoz JE, Kamran M, Roy AK, Kayan Y, Austin AJ, Howard BM, Moran CJ, Cawley CM, Cross DT III, Dion JE, Kansagra AK, Osburn JW. Endovascular Treatment of Posterior Cerebral Artery Aneurysms with Flow Diversion: Case Series and Systematic Review. *Neurosurg*. 2018 Mar 8 [epub ahead of print].

Wallace AN, Kamran M, Madaelil TP, Kayan Y, Osburn JW, Roy AK, Delgado Almandoz JE, Moran CJ, Cawley CM, Cross DT, Howard BM, Yasin J, Grossberg JA. Endovascular Treatment of Posterior Inferior Cerebellar Artery Origin Aneurysms with Flow Diversion. *World Neurosurgery* 2018. 114:e581-e587. doi: 10.1016/j.wneu.2018.03.036. Epub 2018 Mar 14. PubMed PMID: 29548957.

Wallace AN, Kayan Y, Delgado Almandoz JE, Fease JL, Milner AA, Scholz JM. Endovascular treatment of wide-necked intracranial aneurysms with the Scepter XC Balloon, with Low-Profile Visualized Intraluminal Support (LVIS) Jr. deployment as a "bailout" technique. *World Neurosurg*. 2018 Oct 9. pii: S1878-8750(18)32281-2.

## REHABILITATION

### COURAGE KENNY REHABILITATION INSTITUTE

Barney CC, Stibb SM, Merbler AM, Summers RLS, Deshpande S, Krach LE, Symons FJ. Psychometric properties of the brief pain inventory modified for proxy report of pain interference in children with cerebral palsy with and without cognitive impairment. *Pain Rep*. 2018 Jul 17;3(4):e666. doi: 10.1097/PR9.0000000000000666. eCollection 2018 Jul-Aug. PubMed PMID: 30123858; PubMed Central PMCID: PMC6085142.

Gillick BT, Gordon AM, Feyma T, Krach LE, Carmel J, Rich TL, Bleyenheuft Y, Friel K. Non-Invasive Brain Stimulation in Children With Unilateral Cerebral Palsy: A Protocol and Risk Mitigation Guide. *Front Pediatr*. 2018 Mar 16;6:56. doi: 10.3389/fped.2018.00056. eCollection 2018. PubMed PMID: 29616203; PubMed Central PMCID: PMC5864860.

Gillick BT, Rich T, Nemanich S, Chen CY, Menk J, Mueller B, Chen M, Ward M, Meekins G, Feyma T, Krach L, Rudser K. Transcranial direct current stimulation and constraint-induced therapy in cerebral palsy: A randomized, blinded, sham-controlled clinical trial. *Eur J Paediatr Neurol*. 2018 May;22(3):358-368. doi: 10.1016/j.ejpn.2018.02.001. Epub 2018 Feb 11. PubMed PMID: 29456128; PubMed Central PMCID: PMC5899638.

Hutchison NA. Diagnosis and Treatment of Edema and Lymphedema in the Cancer Patient. *Rehabil Nurs*. 2018 Jul/Aug;43(4):229-242. doi: 10.1097/rnj.000000000000177. PubMed PMID: 29957700.

Radomski MV, Anheluk M, Arulanantham C, Finkelstein M, Flinn N (2018). Implementing evidence-based practice: A context analysis to examine use of task-based approaches to upper limb rehabilitation. *British Journal of Occupational Therapy*. doi: 10.1177/0308022617752068

Radomski MV, Davidson LF, Smith L, Finkelstein M, Cecchini A, Heaton KJ, McCulloch K, Scherer M, Weightman MM (2018). Towards return to duty decision-making after military mild traumatic brain injury: Preliminary validation of the Charge of Quarters Duty Test. *Military Medicine*, 183(7), e214-e222 DOI: 10.1093/milmed/usx045.

Radomski MV, Giles GM, Finkelstein M, Owens J, Showers M, Zola J (2018). Implementation intentions for self-selected occupational therapy goals: Two case reports. *American Journal of Occupational Therapy*. 72(3), 7203345030p1-7203345030p6. doi: 10.5014/ajot.2018.023135

Scherer MR, Weightman MM, Radomski MV, Smith L, Finkelstein M, Cecchini A, Heaton KJ, McCulloch K (2018). Measuring Soldier Performance During the Patrol-Exertion Multitask: Preliminary Validation of a Postconcussive Functional Return-to-Duty Metric. *Archives of Physical Medicine and Rehabilitation*, 99 (25), S79-S85. doi: 10.1016/j.apmr.2017.04.012

Tolle H, Rapacz A, Weintraub B, Shogren C, Harkema SJ, Gibson JL. Establishing the NeuroRecovery Network Community Fitness and Wellness facilities: multi-site fitness facilities provide activity-based interventions and assessments for evidence-based functional gains in neurologic disorders. *Disabil Rehabil*. 2018 Dec;40(25):3086-3093. doi: 10.1080/09638288.2017.1365178. Epub 2017 Aug 17. PubMed PMID: 28814123.

Wholey DR, LaVenture M, Rajamani S, Kreiger R, Hedberg C, Kenyon C. Developing Workforce Capacity in Public Health Informatics: Core Competencies and Curriculum Design. *Front Public Health*. 2018 May 2;6:124. doi: 10.3389/fpubh.2018.00124. eCollection 2018. PubMed PMID: 29770321; PubMed Central PMCID: PMC5940737.

Wholey DR, Finch M, Kreiger R, Reeves D. Public Reporting of Primary Care Clinic Quality: Accounting for Sociodemographic Factors in Risk Adjustment and Performance Comparison. *Popul Health Manag*. 2018 Oct;21(5):378-386. doi: 10.1089/pop.2017.0137. Epub 2018 Jan 3. PubMed PMID: 29298402.

## SPINE

### TWIN CITIES SPINE

Alcala-Marquez C, Torrealba R, Mehbod AA, Dawson JM, Dressel TD, Transfeldt EE. Recurrent Surgical Site Infections in the Spine After Treatment With the Vacuum-assisted Closure (VAC) System. *Clin Spine Surg*. 2018 Oct; 31(8):351-355.

Deogaonkar K, Mehbod AA, Dawson JM, Transfeldt EE. Validation of the Fusion Risk Score for Thoracic and Lumbar Spine Fusion Procedures. *Clin Spine Surg*. 2018 Oct; 31(8):E413-E417.

Jensen BA, Garvey GA, Dawson JM, Garvey TA. Outcomes after Spine Surgery among Patients Who Have Had Prior Bariatric Surgery. *Global Spine J*. 2018 Sep; 8(6):579-585.

Lonstein JE. Long-term Outcome of Early Fusions for Congenital Scoliosis. *Spine Deform*. 2018 Sep - Oct; 6(5):552-559.

Lonstein JE. Selective Thoracic Fusion for Adolescent Idiopathic Scoliosis: Long-Term Radiographic and Functional Outcomes. *Spine Deform*. 2018 Nov-Dec; 6(6):669-675.

## ABBOTT NORTHWESTERN HOSPITAL INTERNAL MEDICINE RESIDENCY PROGRAM

Lucas BP, Tierney DM, et al. Credentialing of Hospitalists in Ultrasound-Guided Bedside Procedures: A Position Statement of the Society of Hospital Medicine. *J. Hosp. Med*. 2018;13:126-135.

Rosborough TK, Tierney DM. A Late-Career Internist and Point-of-Care Ultrasound in a Primary Care Clinic. *South Med J*. 2018;111(7):418-420

Shmagel A, Skemp-Dymond G, et al. Population-Wide Associations between Common Viral Pathogens and Self-Reported Arthritis: NHANES 2009-2012. *International Journal of Rheumatology*, vol. 2018, Article ID 7684942, 7 pages, 2018.

Tierney DM, Becker JS, Post BD, Rosborough TK. Point-of-Care Sinus Ultrasound: Impact Within a Large Internal Medicine Clinic and Review of Technique. *South Med J*. 2018;111(7):411-417.

Tierney DM. Chapter 34: Evaluation of Shortness of Breath. In: Nelson, B.P., Topol, E., Bhagra, A., Mulvagh, S.L., Narula, J., eds. *Atlas of Handheld Ultrasound*. New York, NY: Springer. 2018

Tierney DM, Rosborough TK. Chapter 9: Skull and Sinus Ultrasound. In: Nelson, B.P., Topol, E., Bhagra, A., Mulvagh, S.L., Narula, J., eds. *Atlas of Handheld Ultrasound*. New York, NY: Springer. 2018

# Abstracts and Presentations

## CANCER

### VIRGINIA PIPER CANCER INSTITUTE

Kirk CM, Muhsin M, Bosshardt L. Management of musculoskeletal events (MSE) in a Phase 2 study (HALO 109-202) of metastatic pancreatic cancer patients receiving a novel treatment approach of PEGPH20 (pegvorhialuronidase alfa) plus nab-paclitaxel/ gemcitabine (PAG) - a nursing perspective. Poster presentation at the ONS National Congress, May 2018, Washington, DC.

Diab S, Tsai M, Esteva F, Ward P, Richards P, Pluard T, Beeck T. Duration of response and tumor shrinkage with first-line ribociclib + letrozole in postmenopausal women with HR+, HER2- adjuvant breast cancer. Poster presentation at the 35th Annual Miami Breast Cancer Conference, March 8-11, 2018, Miami Beach, FL.

Cortes JE, Spira AI, Tsai ML, Lin TL, Kosco K, Zeidan AM, Ridinger M, Schiller GJ, Patel PA, Becker PS, Seiter K. A phase 1b/2 study of a selective PLK-1 inhibitor in Acute Myelogenous Leukemia (AML) in combination with low-dose cytarabine or decitabine. Poster presentation at the 2018 ASCO Annual Meeting, June 1 – 5, 2018, Chicago, IL.

Picozzi VJ, Pishvaian MJ, Mody K, Winter JM, Glaspy JA, Larson T, Matrana MR, Saikali K, Carney M, Porter S, Yu P, Kouchakji E, Carrier E. Anti-CTGR human recombinant monoclonal antibody pamrevlumab increased resectability and resection rate when combined with gemcitabine/Nab-paclitaxel in phase I/II clinical study for the treatment of locally advanced pancreatic cancer patients. Poster presentation at the 2018 ASCO Annual Meeting, June 1 – 5, 2018, Chicago, IL.

Socinski M, Kim E, Phan S-C, Mekhail T, Velcheti V, Schleifman E, Yun C, Fabrizio D, Stella P, Dakhil C, Hu S, Dowell J, Leal T, Shames D, Tsai M, Paul S, Shen V. Primary efficacy results from B-F1RST, a prospective Phase II trial evaluating blood-based tumour mutational burden (bTMB) as a predictive biomarker for atezolizumab (atezo) in 1L non-small cell lung cancer (NSCLC). Oral presentation at the ESMO 2018 Congress, Oct 19-23, 2018, Munich, Germany.

Tsai ML, Knaack M, Martone P, Krueger J, Baldinger SR, Lillemoe TJ, Susnik B, Grimm E, Rueth N, Swenson KK. Breast cancer diagnosed in young women  $\leq$  age 35: Importance of germline mutations and cancer subtypes on treatment outcomes. Poster presentation at the San Antonio Breast Cancer Symposium, Dec 2018, San Antonio, TX.

Zeidan A Spira A, Schiller G, Patel P, Tsai M, Ridinger M, Silberman S, Erlander M, Cortes J. Preliminary safety, pharmacokinetics (PK) and pharmacodynamics (PD) analysis of the polo-like kinase-1 (PLK1) inhibitor PCM-075, in combination with low-dose cytarabine (LDAC) or decitabine (D) in patients with relapsed or refractory (R/R) acute myeloid leukemia (AML). Poster presentation at the American Society of Hematology Annual Meeting, December 3, 2018, San Diego, CA

Laubach J, Yee AJ, Rosenblatt J, Matous JV, Farber CM, Openshaw TH, Maegawa RO, Tsai ML... Richardson P. A phase II study of the efficacy and safety of lenalidomide, subcutaneous bortezomib and dexamethasone (RVD) combination therapy for patients with newly diagnosed multiple myeloma: Promising activity and manageable toxicity, including in high risk disease. Poster presentation at the American Society of Hematology Annual Meeting, Dec 1, 2018, San Diego, CA

Dr. Michaela Tsai was interviewed on KSTP television on the topic "Breast Cancer Risk related to Hormonal Birth Control Methods" on January 6, 2018. <https://vimeo.com/user14179445/review/250164302/16150e8924>

Dr. Michaela Tsai was interviewed by Esme Murphy at WCCO Radio on Saturday, February 10, 2018. She discussed The CancerSeek test being developed by Johns Hopkins for cancer screening of pancreas, ovarian, liver, stomach, esophagus, colon, lung, and breast cancers. <https://vimeo.com/user14179445/review/255448253/be97e085af>

A press release was posted in EurekAlert! on April 5, 2018 following publication of the microinvasive breast cancer study in The Breast Journal. The press release was entitled "Allina study shows patients with very small breast tumors may forgo lymph node biopsies."

Shari Baldinger was interviewed on KARE 11 News on May 2, 2018 on at-home DNA testing: What you need to know before taking an at-home DNA test.

Annie Callahan, MD Surgical Oncologist at Allina was interviewed on December 11, 2018 by Fox9 News for a segment about increased risk for breast cancer following childbirth following a study published from the University of North Carolina. The focus of her message was that the increased risk is small and should not determine decisions about childbirth. <http://www.allinanews.com/2018/12/study-breast-cancer-risk-increases-after-giving-birth/>

## CARDIOVASCULAR

### MINNEAPOLIS HEART INSTITUTE FOUNDATION

<https://mplsheart.org/news-event/2018-mhi-mhif-research-dissemination/>

## METROPOLITAN HEART AND VASCULAR INSTITUTE

Chambers J, Warner C, Cortez J, Behrens A, Wrede D, Martinsen B. Outcomes after Atherectomy treatment of severely calcified coronary bifurcation lesions: A single center experience. *Cardiovascular Revascularization Medicine*, 2018. <https://doi.org/10.1016/j.carrev.2018.08.017>

Lee M, Shlofmitz R, Martinsen B, Sethi S, Chambers J. Impact of age following treatment of severely calcified coronary lesions with the orbital atherectomy system: 3-year follow-up. *Cardiovascular Revascularization Medicine*, Volume 19, Issue 6, 2018, Pages 655-659, ISSN 1553-8389, <https://doi.org/10.1016/j.carrev.2018.01.011>. (<http://www.sciencedirect.com/science/article/pii/S1553838918300137>)

Lee M, Shlofmitz R, Shlofmitz E, Behrens A, Revtyak G, Martinsen B, Chambers J. Procedural and long-term ischemic outcomes of tight subtotal occlusions treated with orbital atherectomy: An ORBIT II subanalysis. *Cardiovascular Revascularization Medicine*, 2018, ISSN 1553 8389, <https://doi.org/10.1016/j.carrev.2018.09.011>.

Lee M, Shlofmitz R, Martinsen B, Behrens A, Revtyak G, Chambers J. Procedural and Long-term Ischemic Outcomes of Tight Subtotal Occlusions Treated with Orbital Atherectomy: An ORBIT II Sub-analysis. Poster presented at: The Society for Cardiovascular Angiography and Interventions (SCAI); April 25, 2018; San Diego, CA.

Shlofmitz E, Martinsen B, Ali Z, Behrens A, Lee M, Puma J, Shlofmitz R, Chambers J. Direct stenting vs. pre-stent balloon dilatation in patients treated with orbital atherectomy: an ORBIT II subanalysis. Poster presented at: EuroPCR; May 22, 2018; Paris, France.

Sturm R, Martinsen BJ, Valle JA, Waldo SW, Chambers J, Behrens AN, Revtyak GE, Armstrong EJ. Orbital Atherectomy for Treatment of Severely Calcified Coronary Artery Bifurcation Lesions: A Multicenter Analysis. Poster presented at: Transcatheter Cardiovascular Therapeutics (TCT); September 21, 2018; San Diego, CA.

Chambers JW. Contrast Media Toxicity – Limiting the Effects of AKI through Volume Control. *Transcatheter Cardiovascular Therapeutics (TCT)*; September 23, 2018; San Diego, CA.

Chambers JW. Value of Post-PCI FFR – New Data and What We Have Learned. *Cardiovascular Innovations (CVI)*; July 27, 2018; Denver CO.

Chambers JW. Orbital Atherectomy: Concepts, Trials, Pitfalls, Complications. Presentation at Complex Cardiovascular Catheter Therapeutics (C3); June 20, 2018; Orlando, FL.

Chambers JW. Diamondback 360 Data and System Overview. Presentation at Complex Cardiovascular Catheter Therapeutics (C3); June 18, 2018; Orlando, FL.

Chambers JW. Approach to Calcific Lesions – Rational for Use of Rotational. Presentation at Complex Coronary, Valvular and Vascular Cases (CCVVC); June 13, 2018; New York, NY.

Chambers JW. MegaVac System for Distal Protection and Thrombectomy. Presentation at The Society for Cardiovascular Angiography and Interventions. April 26, 2018; Washington, DC.

Chambers JW. 4C Solutions that Preserve the Native Mitral Valve. Presentation at Cardiovascular Research Technologies (CRT); March 06, 2018; Washington, DC.

Chambers JW. Diamondback Clinic Data-CSI. Presentation at Cardiovascular Research Technologies (CRT); March 04, 2018; Washington, DC.

Chambers JW. Second Generation FFR Wires – How They Are Different? Presentation at Cardiovascular Research Technologies (CRT); March 04, 2018; Washington, DC.

Chambers JW. Meet the Experts (CHIP)-Boston Sci. Presentation at Cardiovascular Research Technologies (CRT); March 03, 2018; Washington, DC.

Chambers JW. Hyperemia and Alternatives to Hyperemia. Presentation at Cardiovascular Research Technologies (CRT); March 03, 2018; Washington, DC.

## UNITED HEART & VASCULAR CLINIC

Bank, AJ. ECG Belt and Optimization of CRT. Presentation at Investigator Meeting for Medtronic Multicenter ECG Belt Study. 2018.

Bank, AJ, Gage, RM, Curtin, AE, Burns, KV, Gillberg, JM, Ghosh, S. Electrical Dyssynchrony and Potential for Resynchronization in Patients with QRS  $\leq$  130 ms. Presentation at 2018 Heart Rhythm Society Conference.

Bank, AJ, Khan, AH, Bajpai, A, Syed, IS, Blanchard, AL, Curtin, AE, Burns, KV, Gillberg, JM, Ghosh, S, Gage, RM. Cardiac MRI Late Gadolinium Enhancement Characteristics and CRT Response In Relation to Device Optimization. Presentation at 2018 Heart Rhythm Society Conference.

Nantsupawat T, Olson M, Johnson C, Li J, Adabag S, Tholakanahalli V. Electrocardiographic Characteristics of Intra-septal Ventricular Tachycardia. Poster APHRS 2018

Sayad-Shah M, Olson M, Bradfield J, Vaseghi M, Shivkumar K, Tholakanahalli V. Electrocardiographic Voltage Velocity of Epicardial vs Endocardial Ventricular Tachycardia In a Non-Ischemic Cohort. Poster HRS 2018

Vatterott P, Ramon L, Eggen M, Hilipisch K, Drake R, Grubac V, Anderson T, Colin B, Seifert K, Mesich M. Chronic Retrieval of Atrial Micra in Sheep. Poster HRS May 8-11 2019.



# CARE DELIVERY RESEARCH

## CRITICAL CARE AND HOSPITALISTS

Effect of patient's body weight and blood volume on the incidence of coagulopathy and complications in patients with pulmonary embolism treated with systemic tPA. Matthew P. Lillyblad, PharmD; Brynn E. Stenehjelm, MD; Catherine A. St. Hill, DVM, PhD; Vincent Agboto, MS, PhD; David M. Tierney, MD; Roman R. Melamed, MD. Pulmonary Embolism Response Team (PERT) 4th Annual Scientific Symposium, PERT Consortium, June 22-23, 2018 (Nashville TN). Both oral and poster presentations were presented, one of top 3 abstracts accepted from all submissions.

Effect of patient's body weight and blood volume on the incidence of coagulopathy and complications in patients with pulmonary embolism treated with systemic tPA. Catherine A. St. Hill, DVM, PhD (presenter); Matthew P. Lillyblad, PharmD; Brynn E. Stenehjelm, MD; Vincent Agboto, MS, PhD; David M. Tierney, MD; Roman R. Melamed, MD. University of Minnesota, Experimental and Clinical Pharmacology, College of Pharmacy.

A retrospective analysis of the effectiveness of post-discharge phone calls by hospitalists on improvement of patient satisfaction and readmission rates. Mengli Xiao, MS, Catherine A. St. Hill, DVM, PhD, Marc Vacquier, MS, Love Patel, MD, Pamela Mink, PhD, Karl Fernstrom, MPH, Justin Kirven, MD, Jessica Jeruzal, BA, Dave Beddow, MD. Society of Hospital Medicine Annual Conference, April 8-11, 2018 (Orlando, FL), poster presentation

Justin Kirven, MD; Mengli Xiao, MS; Karl Fernstrom, MPH; Pamela Mink, PhD, MPH; Jessica Jeruzal, BA, Vincent Agboto, PhD, MS, and Catherine St. Hill, DVM, PhD. Characterization of patterns of social determinants of health and health outcomes using area-based socioeconomic measures. Accepted as a storyboard presentation at 30th Annual Institute for Healthcare Improvement National Forum, December 9-12, 2018, Orlando, Florida.

## EMERGENCY SERVICES

Kamrud JW, Boland LL, Stevens AC, Jeruzal, JN, Lick CJ. Adherence to recommendations for prehospital cardiac arrest care across an EMS system of care: how well are we implementing guidelines? Annual Meeting of the National Association of EMS Physicians (NAEMSP). San Diego, CA; January 11-12, 2018.

Boland LL, Mink PJ, Kamrud JW, Jeruzal JN, Myers RN, Lick CJ, Stevens AC. Social connectedness and coping styles in EMS workers and their association with burnout and perceived stress. Annual Meeting of the National Association of EMS Physicians (NAEMSP). San Diego, CA; January 11-12, 2018.

Jeruzal JN, Boland LL, Frazer MS, Kamrud JW, Myers RN, Lick CJ, Stevens AC. Emergency medical services provider perspectives on pediatric calls: a qualitative study. Annual Meeting of the National Association of EMS Physicians (NAEMSP). San Diego, CA; January 11-12, 2018.

Kamrud JW, Boland LL, Stevens AC, Jeruzal JN, Lick CJ. Adherence to recommendations for prehospital cardiac arrest care across an EMS system of care: how well are we implementing guidelines. ImageTrend™ Connect Conference. St. Paul, MN; July 18-20, 2018. (POSTER)

Boland LL, Hokanson JS, Fernstrom KM, Kinzy TG, Lick CJ, Satterlee PA, LaCroix BK. Measurement of blood lactate by emergency medical services inpatients who meet criteria for sepsis in the prehospital setting. ImageTrend™ Connect Conference. St. Paul, MN; July 18-20, 2018. (POSTER)

## HONU / CV

Benson G, Sidebottom A, Hayes J, Boucher JL, Vacquier B, Miedema MD, Sillah A, Vanwormer JJ. Impact of the ENHANCED (diEtitiaNs Helping pAtieNts CarE for Diabetes) Trial on Optimal Care Outcomes in Adults with Type 2 Diabetes. American Diabetes Association 78th Scientific Sessions. Orlando Florida. June 22-26, 2018. (POSTER)

Fulkerson JA, Lindberg R, Sidebottom A, Horning M, Linde J, Barr-Anderson D, Friend S, Sommersness S. (2018, April). "The NU-HOME study: A collaboration between University of Minnesota childhood obesity researchers and leaders in organizations working in a rural community." Oral presentation at School of Nursing Research Day, Minneapolis, MN. (PRESENTATION)

Fulkerson JA, Lindberg R, Sidebottom A, Linde J, Horning M, Barr-Anderson D. (2018, March). "The NU-HOME study: A collaboration between University of Minnesota childhood obesity researchers and leaders in organizations working in a rural community." Case study presentation in the Creating Coalitions Theme at the system-wide conference on Advancing Publicly-Engaged Research, Teaching, and Learning to Address Society's Grand Challenges, March 1, 2018, Minneapolis, MN. (PRESENTATION)

R Fraser, A Sidebottom, M Vacquier, J Jensen, S Bradley, C Strauss, T Knickelbine, M Miedema. Statin Eligibility and Prevalence of Statin Prescriptions According to the 2013 American College of Cardiology-American Heart Association Cholesterol Guidelines in a Large Multi-Center Health Care System. American Heart Association Scientific Sessions 2018. Chicago, IL. November 10-12, 2018. (POSTER)

Community Impact Through Data-Driven Action Teams. Derek Hersch, Cindy Winters. 2018 CIC Impact Summit, Minneapolis, MN. September 17-18, 2018. (PRESENTATION)

The Story of New Ulm: A Pursuit of Health Transformation. Toby Freier. Minnesota Rural Health Conference, Duluth, MN. June 25, 2018. (PRESENTATION)

Addressing Challenges Implementing the Safe Routes to School in Rural Communities. Cindy Winters, Melissa Hoffmann. Bike+Walk Minnesota 2018 Conference, Rochester, MN. April 29 – May 1, 2018. (PRESENTATION)

Building Better Communities through Engagement and Experiences. Cindy Winters. Bike+Walk Minnesota 2018 Conference, Rochester, MN. April 29 – May 1, 2018. (PRESENTATION)

The Heart of New Ulm: Population Health Takes a Village. Rebecca Lindberg, Cindy Winters, Karen Moritz. Public Health Foundation Webinar. March 21, 2018. (PRESENTATION)

Community Health Transformation: Leveraging Data, Evidence-Based Interventions and Capacity Building as a Successful and Sustainable Model. Rebecca Lindberg, Cindy Winters. Iowa Healthcare Collaborative's State Innovation Model Learning Community. March 7, 2018. (PRESENTATION)

Community Health Transformation: Leveraging Data, Evidence-Based Interventions and Capacity Building as a Successful and Sustainable Model. Rebecca Lindberg. 2018 Community Integrated Health Conference, Washington, D.C., Dec. 10-12, 2018. (PRESENTATION)

The ENHANCED study (Dietitians Helping Patients Care for Diabetes). Joy Hayes. MN Community Measurement Annual Summit. Sept. 12, 2018. (PRESENTATION)

Facilitated roundtable discussion: How a comprehensive, data-driven communications strategy can maximize the impact of population health initiatives. Rebecca Lindberg. All In: Data for Community Health national meeting. Sept. 11-12, 2018. (PRESENTATION)

Community-Based Initiatives session. Derek Hersch. St. Catherine University School of Social Work's Annual Summit: Healthy Communities: Broadening the Lens of Healthcare, Equity and Policy. Aug. 7, 2018. (PRESENTATION)

## MOTHER BABY

AC Sidebottom, M Vacquier, K Simon, D Dahlgren-Roemmich, P Fontaine, B Hyer, J Jackson, S Steinbring, L Saul. From Intent to Delivery: Who Gives Birth in the Water? A prospective cohort study. American College of Nurse Midwives Annual Conference, May 20-24, 2018, Savannah, GA. (POSTER)

AC Sidebottom, M Vacquier, K Simon, D Dahlgren-Roemmich, P Fontaine, B Hyer, J Jackson, S Steinbring, L Saul. Waterbirth: a population based comparison of maternal characteristics and delivery outcomes among women with water immersion during labor to a clinically similar population. American College of Nurse Midwives Annual Conference, May 20-24, 2018, Savannah, GA. (POSTER)

Macken K, Guthrie K, Dahlgren-Roemmich D, Dixon K, Fontaine P. Water Birth: Family Centered Birthing, Family Medicine Friendly. American Academy of Family Physicians' Family Centered Maternity Care Conference, Minneapolis, MN, June 25 and 26, 2018. (PRESENTATION)

Mark R. Schleiss, Maggie Dreon, Nelmary Hernandez-Alvarado, Minal Amin, Phil Wong, Trena Lapacinski, Tatiana Lanzieri, Marcus Gaffney, Kirsten Coverstone, Ruth Lynfield, Mark McCann, Sheila Dollard. Evaluating the Clinical Sensitivity of Dried Blood Spots to Identify Congenital CMV Infection. CMV Public Health and Policy Conference, Burlington, VT, Sept 23-25, 2018. (PRESENTATION)

Maggie Dreon, Shelia Dollard, Mark Schleiss, Nelmary Hernandez-Alvarado, Marcus Gaffney, Mark McCann, Trena Lapacinski, Ruth Lynfield, Minal Amin, Phil Wong, & Kristen Coverstone. Newborn Screening for CMV. Cytomegalovirus Biology and Infection Update: Increasing Knowledge and Awareness of Congenital CMV Infection Conference, University of Minnesota, Minneapolis, June 15, 2018. (PRESENTATION)

Mark Schleiss. CMV update. Presented at monthly Grand Rounds at the University of Minnesota, March, 2018. (PRESENTATION)

Maggie Dreon. CMV update at Newborn Hearing Screening Advisory Committee, Minnesota Department of Health, November, 2018. (PRESENTATION)

W Wagner & AC Sidebottom. An examination of diagnosis and outcomes of morbidly adherent placenta cases. Allina Health Research Seminar Series, Minneapolis, MN, December 4, 2018. (PRESENTATION)

E LaRusso & AC Sidebottom. Perinatal depression screening and treatment practices assessment: identifying current state, disparities, and correlates of best practice to guide improved perinatal mental health care. Allina Health Research Seminar Series, Minneapolis, MN, December 4, 2018. (PRESENTATION)

CMV – <https://www.kare11.com/video/news/new-research-and-raising-awareness-of-cmv-virus/89-8161523>

## INFECTIOUS DISEASES

Rhame F. Shaefer Round Table. February 7, 2018

Rhame F. Allina Health Uptown Provider Meeting. February 22, 2018

Rhame F. U of M Infectious Diseases Division – Infectious Diseases Rounds. March 20, 2018

Rhame F. U of M MATEC – QRC. March 22, 2018

Rhame F. U of M MATEC – TCAC. April 18, 2018

Rhame F. Abbott Northwestern Hospital – ANW Rounds. May 9, 2018

Rhame F. U of M – Global Health Course. May 14, 2018

Rhame F. U of M Infectious Diseases Division – Infectious Diseases Rounds. May 15, 2018

Rhame F. Gilead. May 16, 2018

Rhame F. MMA – HCW Infection. May 22, 2018

Rhame F. Lecture – University of Geomedi in Tbilisi, Georgia. June 11-12, 2018.

Rhame F. U of M Department of Medicine Small Groups. August 28, 2018

Rhame F. U of M Department of Medicine Small Groups. September 4, 2018

Rhame F. U of M Infectious Diseases Division – Infectious Diseases Rounds. September 11, 2018

Rhame F. IDI Research Conference – Kampala, Uganda. October 11, 2018

Rhame F. Annual HIV Update – Imperial Royale, Kampala, Uganda. October 11-12, 2018

Rhame F. U of M Department of Medicine Small Groups. October 23, 2018  
 Rhame F. U of M Department of Medicine Small Groups. November 27, 2018  
 Rhame F. U of M MATEC – TCAC. December 12th, 2018.  
 Rhame F. Impact of cold temperature on WCCO TV. January 6, 2018  
 Rhame F. Influenza on WCCO Radio. February 9, 2018  
 Rhame F. Influenza on KARE 11 TV. May 7, 2018  
 Rhame F. Arthropod borne infection on WCCO TV. June 30, 2018  
 Rhame F. Influenza on KARE 11 TV. September 18, 2018  
 Rhame F. HPV Vaccine on WCCO TV. November 15, 2018.  
 Rhame F. World AIDS Day on KARE 11 TV. November 30, 2018.

## NEUROSCIENCE

Hultman M, A Babcock, A Lintelmann, J Trusheim, P Bruns, M Tipps, N. Banerji. Care patterns and treatment efficacy: A clinical series of primary glioblastoma with emphasis on older adults. Society for Neuro-oncologists Annual Meeting, New Orleans, LA (2018)

Bruns P, M Thomas, A Babcock, Hultman M, M Tipps, N. Banerji. Adjuvant metronomic temozolomide in the management of primary glioblastoma in comparison to a standard dosage. Society for Neurooncologists Annual Meeting, New Orleans, LA (2018)

Kayan Y, Delgado Almandoz JE, Fease J, Wallace A, Scholz J, Milner A, Banerji N, Mulder M. Elevated Serum S100B Predicts Adverse Clinical Outcome and DWI Abnormalities in Acute Subarachnoid Hemorrhage Patients. Poster presentation to Society of NeuroInterventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Kayan Y, Delgado Almandoz JE, Fease J, Wallace A, Scholz J, Milner A, Banerji N, Mulder M. Acquisition of DWI Burden in Early Subarachnoid Hemorrhage. Poster presentation to Society of NeuroInterventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Delgado Almandoz JE, Kayan Y, Wallace A, Tarrel R, Fease J, Scholz J, Milner A, Roohani P, Mulder M, Young M. Efficacy of the ADAPT technique with evolving ACE aspiration catheter technology as firstline treatment in patients with acute ischemic strokes treated with mechanical thrombectomy: the first pass effect with ADAPT. Poster presentation to Society of NeuroInterventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Delgado Almandoz JE, Kayan Y, Wallace A, Scholz J, Milner A, Fease J, Mulder M. Institutional Experience with the LVIS Jr Stent for Treatment of Intracranial Aneurysms. Poster presentation to Society of NeuroInterventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Wallace AN, Kayan Y, Delgado Almandoz JE, Fease J, Milner A, Scholz J, Thomas M. Endovascular Treatment of Wide-Necked Intracranial Aneurysms with the Scepter XC Balloon and Low-Profile Visualized Intraluminal Support (LVIS) Jr. Device. Poster presentation to Society of NeuroInterventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Wallace AN, Delgado Almandoz JE, Kayan Y, Fease J, Thomas M, Milner A, Scholz J, Tipps ME. Safety and Effectiveness of the Pipeline Embolization Device in Patients with Nickel Skin Allergy. Poster presentation to Society of Neurointerventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Wallace AN, Samaniego E, Kayan Y, Derdeyn CP, Delgado JE, Zheng B, Fease J, Thomas M, Scholz J, Milner A, Tipps ME, Ortega S. Balloon-assisted coiling of cerebral aneurysms with the dual lumen Scepter XC balloon catheter: Experience at two high volume centers. Poster presentation to Society of Neurointerventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Wallace AN, Kamran M, Madaelil TP, Kayan Y, Kansagra AP, Grossberg JA, Delgado Almandoz JE, Moran CJ, Roy AK, Cross DT III, Howard BM, Cawley CM, Dion JE, CreveCoeur T, Osburn JW. Pipeline Embolization of Vertebrobasilar Aneurysms. Poster presentation to Society of Neurointerventional Surgery Annual Meeting. San Francisco, CA, July, 2018.

Tsai AW, Lindgren PG, Asaithambi G. Trends in Acute Stroke Treatment among Rural Hospitals in Minnesota: Utility of Acute Stroke Ready Hospital Designation. Poster presented at: International Stroke Conference; 2018 Jan 24-26; Los Angeles, CA.

Asaithambi G, Castle AL, Kukielka D, Marino E, Ho B. Is There a Weekend Effect on Telestroke Code Time Metrics? Poster presented at: Quality of Care and Outcomes Research Scientific Sessions; 2018 Apr 6-7; Arlington, VA.

Asaithambi G, Castle AL, Kukielka D, Marino E, Ho B. Do Transferred-In Patients Have Longer Lengths of Stay at a Stroke Center? Poster presented at: Quality of Care and Outcomes Research Scientific Sessions; 2018 Apr 6-7; Arlington, VA.

Asaithambi G. TIA Evaluations in Neurologically Underserved Regions. Minnesota Stroke Association Statewide Stroke Conference 2018: Brooklyn Center, MN.

Chappuis D, Asaithambi G. Harnessing the Electronic Medical Record for a Quality and Outcomes Database, as well as a Tool for Better Secondary Stroke Prevention and Education. Minnesota Stroke Association Statewide Stroke Conference 2018: Brooklyn Center, MN.

Banerji N: Unanticipated problem monitoring, assessment, and reporting: A research site perspective. OHRP Revised Common Rule Workshop. Minneapolis, MN (2018)

Delgado Almandoz JE, Kayan Y, Wallace A, Fease J, Scholz J, Milner A, Mulder M. Long-term durability of simple and balloon-assisted coil embolization for treatment of intracranial aneurysms. Oral presentation to Society of NeuroInterventional Surgery Annual Meeting. July 2018. San Francisco, CA.

Delgado Almandoz JE, Kayan Y, Wallace AN, Scholz JM, Milner AM, Young ML. Eficacia de la Técnica ADAPT con el Cateter ACE 68 como Tratamiento de Primera Línea para ACVs Isquémicos Agudos: El Efecto del Primer Pase con ADAPT. Oral presentation to Sociedad Iberoamericana de Neuroradiología Diagnóstica y Terapéutica 30th Annual Meeting in Havana, Cuba on July 11, 2018. Recipient of the Sociedad Iberoamericana de Neuroradiología Diagnóstica y Terapéutica's 2018 Fernando Viñuela Award in Interventional Neuroradiology.

Delgado Almandoz JE, Kayan Y, Wallace AN, Scholz J, Milner A, Mulder M. Experiencia Institucional con el Stent LVIS Jr para el Tratamiento de Aneurismas Intracraneales. Oral presentation to Sociedad Iberoamericana de Neuroradiología Diagnóstica y Terapéutica 2018 Meeting in Havana, Cuba on July 11, 2018.

Delgado Almandoz JE, Kayan Y, Wallace AN, Scholz J, Milner A, Mulder M. Durabilidad a Largo Plazo del Tratamiento Endovascular de Aneurismas Intracraneales con Coils. Oral presentation to Sociedad Iberoamericana de Neuroradiología Diagnóstica y Terapéutica 2018 Meeting in Havana, Cuba on July 11, 2018.

Skinner, SA. International Society of Intraoperative Neurophysiology. Oct 2018. Madrid, Spain Invited Lecture to ISIN Board Evidence Based IONM: challenges and Opportunities

Skinner, SA. VI Latin American Symposium on Neurophysiological Monitoring. Bogota, Columbia. Nov 13-17, 2018 Invited Lectures: EMG Free Run and Trigger: Technique and Practical Panel: IOM Evidence and Recent Literature IONM below the belt Threshold testing of lumbosacral pedicle screws: a reappraisal

## NURSING

Anderson, C., Jepsen, S. New grad nurses in the ICU! Critical care pipeline orientation program. 2018 Nursing Research Day, University of Minnesota, Minneapolis, MN.

Bollman, A., Louisiana, L., Wilcox, M., Kozub, E. (2018). Wounds gone wild: A complicated case of an osseous-infiltrating hemangiopericytoma using negative-pressure wound therapy. 50th Annual Educational Meeting. San Diego, CA.

Bruns, P. (2018) Deciphering brain tumors through case studies. May 23, 2018. AACN NTI National Conference 2018; Boston, MA.

Cotton J: Product trial of a polymeric cyanoacrylate skin protectant for patients with moisture associated skin damage at a 600 bed teaching hospital. Spring Symposium for Advanced Wound Care Conference, 2018, Charlotte, NC.

DroegemueLLer, C., Wagner, R., Kashyap, C., Clayton, M., Fennig, M., Hanson, L., and Hussein, H. Performance of a new "Code Stroke" process in hospitalized patients in a comprehensive stroke center in Minnesota. American Heart Association/American Stroke Association's State-of-the-Science Stroke Nursing Symposium 2018 at the International Stroke Conference. January 23-26, Los Angeles, CA. Abstract published in Stroke 49. Suppl 1, 2018

DroegemueLLer, C., Wagner, R., Kashyap, C., Clayton, M., Fennig, M., Hanson, L., and Hussein, H. Performance of a new "Code Stroke" process in hospitalized patients in a comprehensive stroke center in Minnesota. April 27, 2018 American Academy of Neurology 70th Annual Meeting.

Furlong, L. Improving patient experience through professional socialization of newly graduated RNs: A quality improvement projects in and inpatient hospital setting. Minnesota Organization of Leaders in Nursing (MOLN) conference, Duluth, MN October 2018

Jacobs, L Stenbeck, M. Financial management: Meeting the AONE Manager Competency. American Organization of Nurse Executives (AONE) Annual Meeting, Indianapolis, IN; April 2018.

Jepsen S, Wahl S. Moving x-ray free for feeding tube placements using electromagnetic technology. AACN NTI National Conference 2018; Boston MA

Jepsen S, Kern M, Mulder M, Ditmore M. Brain Code- Improving recognition and timely intervention for intracranial hypertension/herniation. AACN NTI National Conference 2018; Boston MA. May, 2018.

Jepsen S, Wahl S. Moving x-ray free for feeding tube placements using electromagnetic technology. MN NACNS- The CNS as a Catalyst for Change: Leading Through Unity. Burnsville, MN, October 2018.

Jepsen S, Kern M, Mulder M, Ditmore M. Brain Code- Improving recognition and timely intervention for intracranial hypertension/herniation. GTCAC AACN 2018 Nursing Symposium- Crossroads: Challenges in Critical-Care Nursing. St. Paul, MN, November 2018.

Jepsen S, Wahl S. Moving x-ray free for feeding tube placements using electromagnetic technology. GTCAC AACN 2018 Nursing Symposium- Crossroads: Challenges in Critical-Care Nursing. St. Paul, MN. November 2018

Johnson, A., Johnson, K., O'Loughlin, C., Schultz, M. (2018). Jar Wars: System-wide Specimen Handling Improvement. Association of perioperative Registered Nurses Surgical Conference and Expo. New Orleans, LA. March 24-28, 2018.

Hoffman S, Jepsen S. OB Critical Care Partnership Model. National AWHONN Conference; Tampa FL. June 2018

Hoffman, S: Neonatal Head Surveillance: A Guideline for Safety. National AWHONN Conference. June 2018.

Hoffman, S, Goering M: OB Sepsis: A Toolkit for Safety, National AWHONN Conference. June 2018.

Kiecker, C, Skarupa, M, Sagorski, R. Best Dressed: Reducing CLABSIs in the ICU. AACN National Teaching Institute. Boston, MA

Kozub, E., Peterson, A, & Furlong, L. It takes a village: Reducing falls in an inpatient neuroscience unit. ANCC National Magnet Conference. Denver, CO. October 2018

McNaughton, M., Maynard, L, Sirek, L. Multidisciplinary Pain Management: Changing the Patient's Hospital Experience. MN Twin Cities NAON Chapter: Orthopaedic Nursing: Excellence Through Education 28th Annual Conference, April 2018.

Thraen K, Christensen R, Braulick S. Reducing Usage of One-to-One Observation in Inpatient Adult Mental Health. American Psychiatric Nurses Association (APNA) Conference, Columbus, Ohio.

Wahl S, Jepsen S, Kern M. "I Need HELP!" A structured response to bedside emergencies in the ICU. AACN NTI National Conference 2018; Boston MA. May 2018.

Wahl S, Jepsen S, Kern M. "I Need HELP!" A structured response to bedside emergencies in the ICU. GTCAC AACN 2018 Nursing Symposium- Crossroads: Challenges in Critical-Care Nursing. St. Paul, MN. November 2018.

Bryant RA and Nix, DH: Preventing and managing medical device related pressure injuries. SAWC Fall, Las Vegas, NV, Nov. 1-4, 2018

Bryant RA: Pressure induced tissue damage: Measures of assessment. NW WOCN Regional Conference Spokane, WA. September 21-22, 2018

Bryant RA: Summary of the AAWC First Annual Pressure Ulcer Summit. Iowa Affiliate WOCN 2018 Fall Conference, Des Moines, IA. September 14-15, 2018

Bryant RA: Getting ready for a new world of PI prevention using early detection technology. APWCA 17th Annual National Clinical Conference, September 7-8, 2018. Baltimore, MD

Bryant RA: Small changes, better outcomes: How small changes to pressure injury detection achieved zero or near zero pressure injuries. WOCN Society 50th Annual Conference. Philadelphia, PA. June 3-6, 2018

Bryant RA: Promoting healing in chronic wounds. WOCN Society 50th Annual Conference. Philadelphia, PA June 3-6, 2018

Bryant RA: Getting ready for a new world of PI prevention using early detection technology. SAWC Spring. Charlotte, NC. April 25-29, 2018

Bryant RA: Getting ready for a new world of PI prevention using early detection technology. NPUAP Conference, Las Vegas, NV. March 2-3, 2018

Bryant RA: Mechanisms of pressure induced tissue damage: An historical perspective. AAWC Pressure Ulcer Summit, February 9-10, 2018. Atlanta, GA.

Bryant RA: Validity testing of the Pressure Ulcer Description Tool. AAWC Pressure Ulcer Summit. February 9-10, 2018. Atlanta, GA

McNaughton, M., Wuckovits, B., Bailey, J., Maynard, L. (2018) Experts at the table: Pain management evidence and strategies for providing a better experience to orthopaedic patients. May 20, 2018. NAON 38th Annual Congress.

Montesinos T, Maher T., Huttner, C. Show me the money! Partnering for nursing excellence. AONE Annual Meeting, Indianapolis, Ind; April 2018.

Hoffman, S., Goering M., Ahanya S. Hot topics in obstetrics 2018- Keeping patients safe. Minnesota Perinatal Organization, September 2018.

McNaughton, M. Pain management in the ED- Opioid use, misuse and abuse. Emergency Nurses Association Cornerstones in Emergency Nursing Conference, October 2018.

McNaughton, M., Maynard, L Multidisciplinary pain management: Changing the patient's hospital experience. 48th Annual Hennepin Orthopaedic and Trauma Seminar and 38th Annual Orthopaedic Nursing Conference, Nov. 22, 2018.

McNaughton, M., LaMere, A., Weide, L. Post-operative management: Pain and complications. Third Annual Spine Consensus Conference, November 2018.

Drögemueller, C., Wagner, R. Is the hospital the WORST place to have a stroke? MN Stroke Conference, November 2018.

Eller S, Menard H. Best practices in the care of joint replacement patients. May 21, 2018. NAON 38th Annual Congress.

Roche, M, Sirek, L, Ubl, T. Spine Basics: Developing a structured spine education program for nursing staff. May 20, 2018. NAON 38th Annual Congress.

Eller S, Menard H, Potts, A. Comfort Menu. NAON 38th Annual Congress. Albuquerque, NM. May 19-22, 2018

Eller S, Menard H, Potts, A. Strategies for Improving Nurse Engagement. NAON 38th Annual Congress. Albuquerque, NM. May 19-22, 2018

Eller S, Menard H, Potts, A. Advanced Certification 2018 Measures implementation. NAON 38th Annual Congress. Albuquerque, NM. May 19-22, 2018

Eller S, Menard H, Potts, A. Pre-operative medical Optimization for the Total Joint Patient: The Key to Successful Post-operative Outcomes. NAON 38th Annual Congress. Albuquerque, NM. May 19-22, 2018

## ORTHOPEDICS

### SPORT & ORTHOPAEDIC SPECIALISTS

Freehill MQ, Tervola NK, Bachmeyer AP, Halloran D, Giveans MR. Comparative analysis of porous titanium central peg versus all-polyethylene pegged glenoid design in anatomic total shoulder arthroplasty at mid-term follow-up. Poster Presentation AAOS 2018, New Orleans, LA.

McCarty LP III, Freehill MQ, Buss DD, Xu AL, Tervola NK, Giveans, MR. Utility of Immediate PostOperative Radiographs in Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty. Poster Presentation AAOS 2018, New Orleans, LA.

L. Pearce McCarty III, MD. Clavicle Fracture Management Algorithm, Shoulder Summit Naples, FL. February 2, 2018.

L. Pearce McCarty III, MD. Case Presentations – Managing Complications in Rotator Cuff Pathology, Shoulder Summit, Naples, FL. February 2, 2018

L. Pearce McCarty III, MD. Early Return Pitcher after InternalBrace™ UCL, Team Physician Controversies Conference, Naples, FL. February 9, 2018

L. Pearce McCarty III, MD. Pitcher Olecranon Stress Fracture, Team Physician Controversies Conference, Naples, FL. February 9, 2018

L. Pearce McCarty III, MD. SLAP in Elite Thrower Rehab, Fix or Tenodesis, Team Physician Controversies Conference, Naples, FL. February 9, 2018

Michael Freehill, MD, Tervola NK, Bachmeyer AP, Halloran D, Giveans MR. Poster: Comparative analysis of porous titanium central peg versus all-polyethylene pegged glenoid design in anatomic total shoulder arthroplasty at mid-term follow-up, AAOS Annual Meeting & Symposium, New Orleans, LA. March 6, 2018

L. Pearce McCarty III, MD, Michael Freehill, MD, Daniel Buss, MD, Xu AL, Tervola NK, Giveans, MR. Poster: Utility of Immediate Post-Operative Radiographs in Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty, AAOS Annual Meeting & Symposium, New Orleans, LA. March 6, 2018

Ryan Fader, MD. Hip Pain in the Young Adult, Starship Hospital, Auckland, New Zealand. April 17, 2018

Michael Freehill, MD. Hands on Case Planning in BLUEPRINT: Plan Your Cadaver Lab Specimen, National Fellows Course, Chicago, IL. April 27, 2018

Michael Freehill, MD. New Solutions for B2 Glenoid, National Fellows Course, Chicago, IL. April 27, 2018

Michael Freehill, MD. Subscapularis Management for Stemmed and Stemless Implants, National Fellows Course, Chicago, IL. April 27, 2018

Michael Freehill, MD. Primary Reversed Indications: Where We Stand Now, National Fellows Course, Chicago, IL. April 28, 2018

Michael Freehill, MD. Case Review: RSA vs. Hemi vs. Other: What Would You Do? National Fellows Course, Chicago, IL. April 28, 2018

Michael Freehill, MD. Case Preparation, Inventory, OR, and Staff Management, National Fellows Course, Chicago, IL. April 28, 2018

Michael Freehill, MD. Total Shoulder and Reversed Shoulder Simpliciti, Aequalis Ascend Flex, and Blueprint, National Fellows Course, Chicago, IL. April 28, 2018

Michael Freehill, MD. Lab Recap, National Fellows Course, Chicago, IL. April 28, 2018

Daniel Buss, MD. Case Review of Rotator Cuff Pathology, American Bone and Joint Surgeons International Conference, Lisbon, Portugal. May 5, 2018

Anthony Anderson, MD. Walking with Giants, Current Concepts in Joint Replacement Conference. Las Vegas, NV. May 21, 2018

Michael Freehill, MD. Challenging RSA Case Discussion, National Fellowship Shoulder Course Henderson, NV. November 15, 2018

Michael Freehill, MD. Addressing Glenoid Wear Patterns in Reverse TSA, National Fellowship Shoulder Course Henderson, NV. November 16, 2018

Michael Freehill, MD. Case Review: RSA vs. Hemi vs. Other—What Would You Do?, National Fellowship Shoulder Course, Henderson, NV. November 16, 2018

Michael Freehill, MD. Revision Arthroplasty- Humeral and Glenoid Management, National Fellowship Shoulder Course, Henderson, NV. November 16, 2018

L. Pearce McCarty III, MD. Current Concepts in Treatment of SLAP Lesions, Inaugural Mayo Clinic Baseball/Softball Summit, Rochester, MN. January 13, 2018

L. Pearce McCarty III, MD. Shoulder Instability and Massive Rotator Cuff Tears, Arthrex WebEx, Naples, FL. September 4, 2018

L. Pearce McCarty III, MD. Suprascapular Nerve Decompression: Should I Do It and How? 2018 Chicago Sports Medicine Symposium, Chicago, IL. September 7, 2018

L. Pearce McCarty III, MD. Massive Cuff: We Can Fix These If You Know How, 2018 Chicago Sports Medicine Symposium, Chicago, IL. September 7, 2018

L. Pearce McCarty III, MD. Elbow Case Presentations, Question & Answer Panel, 2018 Chicago Sports Medicine Symposium, Chicago, IL. September 8, 2018

Aimee Klapach, MD. Worker's Compensation Shoulder Practices, Minnesota Department of Labor and Industry, U of M CE & Convention Center. September 18, 2018

Vinh Dang, PA-C. Shoulder Pathology, Augsburg Physician Assistant Program, Minneapolis, MN. January 18, 2018

Vinh Dang, PA-C. Shoulder Pathology, Bethel University Physician Assistant Program, St. Paul, MN. January 18, 2018

Ryan Fader, MD. Hip Impingement & Treatment, CKRI PT, Edina, MN. February 8, 2018

Daniel Buss, MD. Fellowship Grand Rounds – Elbow, Fairview/SAOS Fellowship, Edina, MN. February 16, 2018

Michael Freehill, MD. Journal Club: Overhead Athletes, Fairview Sports Medicine Journal Club, Edina, MN. March 7, 2018

Matt Gorman, MD, CAQ. Exercise Prescriptions, Running Injuries, and Pediatric Sports Injuries: Keeping your Patients in the Game, Regina Hospital Grand Rounds, Hastings, MN. March 14, 2018

Trent Christensen, MD, CAQ, Joe Bellamy, MD. Case Study: Gymnast with Tarsal Coalition, SAOS Grand Rounds Webinar, Edina, MN. March 22, 2018

Trent Christensen, MD, CAQ, Joe Bellamy, MD. Case Study: Hockey Player with Tendon Laceration, SAOS Grand Rounds Webinar, Edina, MN. March 22, 2018

Matt Gorman, MD, CAQ, Joe Bellamy, MD. Case Study: Navicular stress fracture in DIII BB player, SAOS Grand Rounds Webinar, Edina, MN. March 22, 2018

Daniel Buss, MD. When to Consider Surgical Intervention: Early vs Later, Northwest Health Sciences University, Bloomington, MN. April 17, 2018

Tim Bert, MD. Femoral Acetabular Impingement, Primary Care Grand Rounds, St. Paul, MN. April 27, 2018

Bishoy Gad, MD. Knee Arthritis Management, Ortho Basics Course, Minneapolis, MN. May 2, 2018

Tim Bert, MD. Case Study: Patellar tendon pathology, SAOS Grand Rounds Webinar, Edina, MN. May 2, 2018

Greg Folsom, MD. Case Study: Quad Tendon Injury and Rehab, SAOS Grand Rounds Webinar, Edina, MN. May 2, 2018

Aimee Klapach, MD. Case Study: Patellar Tendon Rupture, SAOS Grand Rounds Webinar Edina, MN. May 2, 2018

Michael Freehill, MD. Shoulder Instability Compendium, Fairview Grand Rounds, Edina, MN. May 30, 2018

Vinh Dang, PA-C. Basic Sterile techniques and Surgical PA Role, Augsburg Physician Assistant Program, Minneapolis, MN. June 12, 2018

Patrick Smock, MD. Treatment and return to play guidelines for common acute hand/wrist/elbow injuries in athletes, Allina Health Sports Medicine Conference, Bloomington, MN. June 15, 2018

Tim Bert, MD. Hip Dislocation and injury, Allina Health Sports Medicine Conference, Bloomington, MN. June 15, 2018

Joe Bellamy, MD. Foot ankle compartment syndrome, Allina Health Sports Medicine Conference, Bloomington, MN. June 15, 2018

Andrew Houghton, MD, CAQ. Sideline management of respiratory events, Allina Health Sports Medicine Conference, Bloomington, MN. June 15, 2018

Trent Christensen, MD, CAQ. Utilization of MSK US on Sideline (session 1), Allina Health Sports Medicine Conference, Bloomington, MN. June 15, 2018

Trent Christensen, MD, CAQ. Utilization of MSK US on Sideline (session 2), Allina Health Sports Medicine Conference, Bloomington, MN. June 15, 2018

Ryan Fader, MD. Hip Pathology, Accelerated Physical Therapy Inservice, Plymouth, MN. June 25, 2018

Tony Anderson, MD. Orthopedic Surgical Procedures, United Ortho Education, St. Paul, MN. July 24, 2018

Ryan Olsen, PA-C. Recovery: Down the Road, United Ortho Education, St. Paul, MN. July 24, 2018

Vinh Dang, PA-C. Shoulder Arthritis, ANW Joint Replacement Center, Richfield, MN. July 25, 2018

Ryan Fader, MD. Hip Pathology and Imaging, West Health Radiology, Plymouth, MN. August 9, 2018

Ryan Fader, MD. Hip Pathology, CDI In-service, Maple Grove, MN. September 13, 2018

Bishoy Gad, MBA, MD. Anterior Hip Replacement, Courage Kenny Physical Therapy Grand Rounds -Allina Commons, Minneapolis, MN. October 24, 2018

Noelle Maze, RN, CANP. Orthopedic Examination. St. Catherine's University. St. Paul, MN. November 15, 2018

Trent Christensen, MD, CAQ. Benefits of Bye Week, KRCQ Morning Show, Minneapolis, MN. January 12, 2018

G. Budd Renier, MD. Concussion Blood Testing, WCCO Radio, Minneapolis, MN. February 16, 2018

Robby Bershaw, MD, CAQ. Concussion Blood Testing, WCCO Radio, Minneapolis, MN. February 20, 2018

Ryan Fader, MD. Blog: Hip Injuries in Hockey: "Coach – my hip hurts", www.sportsandortho.com. April 13, 2018

Ryan Fader, MD. Avoiding Summer Injuries, KARE 11, Minneapolis, MN. May 29, 2018

Matt Rolfe, PA-C. Orthopaedic Surgery and Complications: Prep for Shadowing, SAOS Intern Grand Rounds, Edina, MN. June 5, 2018

Ned Tervola MA, LAT, ATC, Katie Sjostrom, MS, LAT, ATC. Sports Medicine Team - Clinical roles. SAOS Intern Grand Rounds, Edina, MN. June 5, 2018

M. Russell Giveans, PhD, Ned Tervola, MA, ATC. Orthopaedic Research Basics and Projects, SAOS Intern Grand Rounds, Edina, MN. June 6, 2018

Linsey Hamilton, DPT, Katie Godmare, PTA. Shoulder & Elbow Lab, SAOS Intern Grand Rounds, Minneapolis, MN. June 7, 2018

Noelle Maze, RN, NP. Shoulder Pathology and Common Shoulder Surgical Indications, SAOS Intern Grand Rounds, Edina, MN. June 12, 2018

Bishoy Gad, MBA, MD. Management of Knee and Hip Osteoarthritis, Hopkins Community Center Event, Hopkins, MN. June 24, 2018

Linsey Hamilton, DPT, Katie Godmare, PTA. Hip & Knee Lab, SAOS Intern Grand Rounds, Minneapolis, MN. June 26, 2018

Brad Siple, PA-C. Knee Pathology and Treatment, SAOS Intern Grand Rounds, Edina, MN. June 27, 2018

Ryan Fader, MD, Jessica Johnson (intern). Hip Blog (Part II): Avulsion Injuries, Hip Pointers and Hip Subluxation, www.sportsandortho.com. July 5, 2018

Sean Willey, DO. Sports Medicine, Maple Grove Medical Magazine, Maple Grove, MN. August 1, 2018

Joe Bellamy, MD. Prep Like a Pro Presented by Allina Health: Personal Bests, MN United FC Feature, St. Paul, MN. August 6, 2018

Ryan Fader, MD, Lauren Topor (intern). Hip Blog (III): Hip Injuries in Hockey Goalies, www.sportsandortho.com. August 24, 2018

Budd Renier, MD. Concussion Statement from CDC, WCCO Radio, Minneapolis, MN. September 26, 2018

Aimee Klapach, MD. Rugby Injuries - Shoulder & knee, Metropolis Rugby FC, Minneapolis, MN. December 2, 2018

Joe Bellamy, MD. Rugby Injuries - Foot & Ankle, Metropolis Rugby FC, Minneapolis, MN. December 2, 2018

## REHABILITATION

### COURAGE KENNY REHABILITATION INSTITUTE

Davidson, L.F., Radomski, M., Mallinson, T., Eakman, A. Translating Post-911 Era Military and Veteran Occupational Therapy Research to Civilian Practice: An Annual Update. American Occupational Therapy Association Annual Conference. Salt Lake City, UT. April 19, 2018.

Flinn, N., Lin S., Van de Winckel, A. Beyond Evidence-Based Practice: Using Implementation Science to Improve Stroke Rehabilitation. American Congress of Rehabilitation Medicine Annual Conference, Dallas, TX., October 3, 2019.

Radomski, MV, Asher A, Sleight AG, Wertheimer J. Cancer rehabilitation responses to cancer-related existential distress. American Congress of Rehabilitation Medicine Annual Conference, Dallas, TX, October 1, 2018.

Thompson, M. Grace Notes: Feasibility, Benefit, and Transferability of a Manualized Intervention to

Advance Spiritual Well-being for Clients with Acquired Brain Injury. Chaplaincy Research Summer Institute, Boston, MA, July 2018

Weightman M.; Dual-task Testing as a Component of Return-to-Duty Assessment, Symposium presentation at the American Physical Therapy Association's Combined Sections Meeting, Federal Section, in Washington DC, 26 January 2019. Part of Symposium: Scherer MR, Lester M, Weightman M, King L, McCulloch K. Functional Return to Duty Decision-making Post mTBI and Musculoskeletal Injury.

Weightman M, Michielutti PG, Fino PC, King LA; Exploring Dual-Task Cost with Increasingly Complex Motor Tasks in Healthy Athletic Adults. Platform presentation, Federal Section, APTA Combined Sections Meeting, Washington DC, 25 January 2019.

Weightman M, Radomski M, McCulloch K, Davidson L, Heaton K, Smith L, Finkelstein M, Cecchini A, Scherer M.; Contributing to Return-to-Duty Decisions: The Assessment of Military Multitasking Performance for Mild TBI. Poster Presentation at 4th Federal Interagency Conference on Traumatic Brain Injury in Washington DC, 11-13 June 2018.

## SPINE

### TWIN CITIES SPINE CENTER

Patel V, Dawson JM, Mueller B, Mehbod AA, Pinto MR, Schwender JD, Garvey TA, Perra JH. Postoperative Deep Wound Infections – Do The Implants Really Need To Be Removed? 25th International Meeting On Advanced Spine Techniques (IMAST), July 2018.





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