

Edward Merle Johnson II

Professional Licenses:

Arkansas Board of Pharmacy – Registered Pharmacist
Colorado Board of Pharmacy – Registered Pharmacist
Idaho Board of Pharmacy – Registered Pharmacist
Oregon Board of Pharmacy – Registered Pharmacist
Tennessee Board of Pharmacy – Registered Pharmacist
Texas Board of Pharmacy – Registered Pharmacist
West Virginia Board of Pharmacy – Registered Pharmacist
Wisconsin Board of Pharmacy – Registered Pharmacist

Education:

Master of Business Administration – **Jan 2014 - Feb 2016**
Healthcare Administration for Health Care
Practitioners (MBA-HCA)

Concordia University - Wisconsin
Department of Business
Mequon, WI

Doctor of Philosophy (Ph.D.) **Aug 2003 – Dec 2012**

University of Wisconsin-Milwaukee
Department of Chemistry and Biochemistry
Milwaukee, WI

Doctor of Pharmacy (Pharm.D.) **Aug 1997– May 2003**

West Virginia University, School of Pharmacy
Morgantown, WV

Title of Dissertation: (UW-Milwaukee)

Part 1. Design and Synthesis of Cysteine / Cystine Prodrugs and Bioisosteres including Symmetrical and Unsymmetrical Disulfides Designed to Increase Cystine Levels in the CNS in Order to Drive the Cystine / Glutamate Antiporter: A Novel Treatment for Schizophrenia and Drug Addiction

Part 2. Design and Synthesis of Subtype Selective Ester Bioisosteres of BZR Ligands for GABA_A / Benzodiazepine Receptors to Enhance Metabolic Stability

Professional Experience:

Clinical Research Scientist II Tabula Rasa Healthcare, Research & Development Pillar, Precision Pharmacotherapy Research & Development Institute, Lake Nona City, Orlando Area, Florida	Aug 2021 - Present
Vice President of Pharmacy Services CQuentia NGS, LLC, Fort Worth, TX	Apr 2018 –May 2021
Director - Clinical Hospital Pharmacy – Ascension Wisconsin, Columbia St. Mary's, Orthopaedic Hospital of Wisconsin Campus, Glendale, WI	Feb 2010– May 2018
Clinical Hospital Pharmacist – Columbia St Mary's Hospital, Milwaukee, WI	Jan 2005 – Feb 2010
Community Pharmacist – PharmStaff – A Medical Staffing Network, Milwaukee, WI	Jan 2004 – Dec 2005
Community Pharmacist – Walgreen's Pharmacy, Milwaukee, WI	Dec 2003 – Dec 2004
Community Pharmacist – CVS Pharmacy, Beckley, WV	Jun 2003 – Aug 2003

Research Experience:

Graduate Student/Research Project Assistant University of Wisconsin – Milwaukee, Department of Chemistry and Biochemistry, Milwaukee, WI James M. Cook, Ph.D., Distinguished Professor	Aug 2003 – Dec 2012
UGSP Student, Laboratory Research Assistant – National Institutes of Health (NIH), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Department, Drug Design and Synthesis Section, Laboratory of Medicinal Chemistry (LMC). Bethesda, MD Kenner C. Rice, Ph.D., Senior Investigator, Chief, CBRB and DDSS	Jun 2001 – Aug 2001
Undergraduate Student Researcher – West Virginia University School of Pharmacy, Basic Pharmaceutical Sciences Department, Laboratory of Medicinal Chemistry, Morgantown, WV Peter M. Gannett, Ph.D., Professor	May 1999–May 2002

Teaching Experience:

Adjunct Assistant Professor – Pharmaceutical Sciences UNT Health Science Center, College of Pharmacy Fort Worth, TX.	July 2021 - Present
Clinical Instructor – University of Tennessee Health Science Center, College of Pharmacy Memphis, TN.	Dec 2018–May 2021
Instructor – Pharmacy Technician Program University of Wisconsin – Washington County Condensed Curriculum International	Mar 2013–May 2013
Clinical Instructor* – Concordia University Wisconsin, * <i>Clinical Instructor Excellence Award (May 2013)</i> Mequon, WI, School of Pharmacy	Sep 2011 – May 2018
Teaching Assistant/Guest Lecture – University of Wisconsin – Milwaukee, Department of Chemistry and Biochemistry, Milwaukee, WI	Aug 2003 – Dec 2012

Pharmaceutical Research Consultant:

Orphic Therapeutics, LLC. Delaware Danel G. Lawton, Chief Executive Officer (CEO)	May 2014 -May 2018
Promentis Pharmaceuticals, Inc. 826 N. Plankinton Ave, Suite 400, Milwaukee, WI Chad Beyer, President and Chief Executive Officer (CEO) Daniel G. Lawton, Chairman, Previous President and CEO	Oct 2009 – May 2018

Activities and Committees:

Nursing Council Orthopaedic Hospital of Wisconsin, Glendale, WI	Jan 2017 – May 2018
Antibiotic Stewardship Committee Orthopaedic Hospital of Wisconsin, Glendale, WI	Jan 2011 – May 2018
Emergence Response Team Committee (Code Blue) Orthopaedic Hospital of Wisconsin, Glendale, WI	Nov 2010– May 2018
Medical Executive Committee Orthopaedic Hospital of Wisconsin, Glendale, WI	Aug 2010– May 2018

Standard of Practices and Forms Committee
Orthopaedic Hospital of Wisconsin, Glendale, WI **Jun 2010– May 2018**

Policy and Procedure Committee
Orthopaedic Hospital of Wisconsin, Glendale, WI **Mar 2010–May 2018**

Accreditation Committee
West Virginia University School of Pharmacy,
Morgantown, WV **Aug 2002– May 2003**

Academic Review Committee
West Virginia University School of Pharmacy,
Morgantown, WV **Apr 2001– May 2003**

Membership in Learned or Honored Societies:

American College of Clinical Pharmacy (ACCP) **Sep 2018 - Present**

Pharmacogene Variation Consortium (PharmVar) **Aug 2018 – Present**

Clinical Pharmacogenetics Implementation Consortium (CPIC) **July 2018 - Present**

American Society of Health-System Pharmacists (ASHP) **Jan 2013 – Present**

Pharmacy Society of Wisconsin (PSW) **Jan 2013 – May 2018**

Phi Lambda Sigma Pharmacy Leadership Society **Jan 2002 – May 2003**

Rho Chi Pharmacy Fraternity
Chapter President 2001 – 2002 **Apr 2001 – May2003**

Training Certificates:

CMWA - Certified MedWise Advisor
Tabula Rasa Healthcare University **Sep 2021**

ASHP Pain Management Professional Certification
ASHP – eLearning **July 2019**

Pharmacogenomics Certificate Program
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado – Anschutz Medical Campus **June 2019**

ASHP Pharmacogenomics Professional Certification **Oct 2018**

ASHP – eLearning

LSSBB – Lean Six Sigma Black Belt (#11901630) Six Sigma Global Institute	Aug 2018
LSSGB-HCP – Lean Six Sigma Green Belt – Healthcare Professionals (#10782455) Six Sigma Global Institute	July 2017
PALS - Pediatric Advanced Life Support American Heart Association	Dec 2014 – Present
BCPS - Board Certified Pharmacotherapy Specialist Board of Pharmacy Specialties (BPS) American Pharmacists Association (APhA)	May 2014 – Present
ACLS – Advanced Cardiovascular Life Support American Heart Association	Oct 2010 – Present
BLS – Basic Life Support American Heart Association	
Immunization Delivery for Pharmacists Sponsored by Pharmacy Society of Wisconsin (PSW)	Jun 2011
Pain Management Course Sponsored by West Virginia Academy of Family Physicians, Glade Springs Resort, Daniels, WV	Feb 2003
Statewide Healthcare Provider Training for Tobacco Cessation Sponsored by West Virginia Chapter, American Academy of Family Physicians and West Virginia State Medical Association, Glade Springs Resort, Daniels, WV	Feb 2003

Professional/Research Related Skills:

Adverse Drug Reaction Monitoring and Reporting (Prospective/Retrospective)
Chromatography techniques: TLC, LPLC, HPLC, GC, Flash, Gravity Purification
Crystallization Techniques
Differential Scanning Calorimetry (DSC)
Drug Information
Drug Metabolism Pathway Mapping
Electron Spin Resonance Spectroscopy (ESR)

General and Advanced Computer Application Techniques (Windows/Microsoft Office)
General and Advance Organic Synthesis, Design, Isolation and Purification Techniques
Infrared Spectroscopy (IR)
Mass Spectroscopy (MS)
Medication Therapy Management (MTM)
Molecular Modeling Techniques
Nuclear Magnetic Resonance Spectroscopy (NMR)
Pharmaceutical Formulation and Compounding
Pharmacogenomics Drug Therapy Monitoring
Pharmacokinetic Drug Monitoring
Raman Spectroscopy
Rational Drug Therapy Monitoring
Scientific Glass Blowing Techniques
Structural Activity Relationship Analysis (SAR)
Thermo-gravimetric Analysis (TGA)
Ultraviolet/Visible Spectroscopy (UV/V)

Patents and Applications:

1. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Verma, R., Cysteine and Cystine Prodrugs to Treat Schizophrenia and Reduce Drug Cravings. Pub No. US 2014/01554410 A1, Serial No. US 14/148959, Issued on June 5, 2014.
2. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Prodrugs to Treat Schizophrenia and Reduce Drug Cravings. Pub No. US 2012/0220596 A1, Serial No. US 13/465383, Filed on March 7, 2012, Issued on Aug 30, 2012.
3. **Johnson, E.M.**, Lawton, D.G., S-t-Butyl Protected Cysteine Di-Peptide Analogs and Compounds to Treat CNS Disorders and Diseases. Reference No. PRO10495/P00020 US, Filed October 25, 2010.
4. **Johnson, E.M.**, Lawton, D.G., S-t-Butyl Protected Cysteine Analogs and Related Compounds to Treat CNS Disorders and Diseases. Reference No. PRO10495/P00030 US, Filed October 25, 2010.
5. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Bioisosteres to Treat Schizophrenia and Reduce Drug Cravings. Serial No. Canada 2721433, Filed on October 13, 2010.
6. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine Prodrugs to Treat Schizophrenia and Drug Addiction. Pub No. US 8435997 B2, Serial No. US 12/897353, Filed on October 4, 2010, Issued on May 7, 2013.

7. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Bioisosteres to Treat Schizophrenia and Reduce Drug Cravings. European Patent Council, Serial No. US 9743238.9, Filed on September 16, 2010.
8. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Prodrugs to Treat Schizophrenia and Reduce Drug Cravings. Serial No. Japan 2010-546090, Filed on August 6, 2010. #5796881, PS-16828(PCT). Issued on August 28, 2015.
9. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Bioisosteres to Treat Schizophrenia and Reduce Drug Cravings. European Patent Council, Serial No. 09707256.5, Filed on June 9, 2010.
10. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Bioisosteres to Treat Schizophrenia and Reduce Drug Cravings. Pub No. US 2010/0048587 A1, Serial No. US 12/425063, Filed on April 16, 2009, Issued on February 25, 2010.
11. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Bioisosteres to Treat Schizophrenia and Drug Addiction. PCT/US 2009/047099, Filed on April 16, 2009, WO 2009/137251 A2, International Pub on November 12, 2009.
12. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Prodrugs to Treat Schizophrenia and Reduce Drug Cravings. Patent No. US 8173809 B2, Serial No. US 12/367867, Filed on February 2, 2009, Issued on March 8, 2012.
13. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine and Cystine Bioisosteres to Treat Schizophrenia and Drug Addiction. Application No. 12/189516. Pub on August 13, 2009; PCT WO 2009/100431 A1.
14. Cook, J., Baker, D., **Johnson, E.M.**, Yin, W., Cysteine Prodrugs to Treat Schizophrenia and Drug Addiction. Patent No. US 7829709, Serial No. US 12/189516, Filed on August 11, 2008, Issued on November 9, 2010.

Publications:

1. Namjoshi, O., Wang, Z., Rallapalli, S., **Johnson, E. M.**, Johnson, Y.T., Ramerstorger, J., Sieghart, W., Roth, B., Rowlett, J.K., Cook, J. M. Development of Alpha2/Alpha3 Subtype Selective GABAA-Benzodiazepine Receptor Agonists: Design, Synthesis and In Vitro and In Vivo Evaluation of Metabolically Stable Bioisosteric Analogs. *BioOrg. Med. Chem.* **21** (1), 93-101 (2013)
2. Fischera, B.D., Licataa, S.C., Edwankarb, R.V., Wangb, Z.J., Huangb, S., Heb, X., Yub, J., Zhoub, H., **Johnson, E.M.**, Cook, J.M., Furtmüllerc, R., Ramerstorferc, J., Sieghartc, W., Rothd, B.L., Majumderd, S., Rowletta, J.K., Anxiolytic-Like Effects of 8-Acetylene Imidazobenzodiazepines in a Rhesus Monkey Conflict Procedure. *Neuropharmacology.* **59** (7-8), 612-618 (2010)

3. Western, E.C., Daft, J.R., **Johnson, E.M.**, Gannett, P.M., and Shaughnessy, K.H. Efficient One-Step Suzuki Arylation of Unprotected Halonucleosides using Water-Soluble Palladium Catalysts. *J. Org. Chem.* **68** (17), 6767-74 (2003)
4. **Johnson, E.M.**, Lucas, K. Zelnorm® (tegaserod maleate). *New Drug Update.* **9** (2), 6-8 (2003)
5. Greiner, E., Prisinzano, T., **Johnson, E.M.**, Dersch, C.M., Marcus, J., Partilla, J.S., Rothman, R.B., Jacobson, A.E., Rice, K.C. Structure-Activity Relationship Studies of Highly Selective Inhibitors of the Dopamine Transporter: N-Benzyl Piperidine Analogues of 1-[2-[Bis(4-fluorophenyl)methoxy]ethyl]-4-(3phenylpropyl)piperazine (GBR 12909): High Affinity Ligands for the Dopamine Transporter. *J. Med. Chem.* **45**, 4371-74 (2002)
6. Gannett, P.M. **Johnson, E.M.**, Grimmes, M., Myers, A., Deavers, III, R.E., and Tracy, T.S. Synthesis of Deuterated 4,4'-diaminodiphenylsulfone (Dapsone) and Analogs. *J. Labeled Comp. and RadioPharm.* **46**, 107-114 (2002)
7. Gannett, P.M., Darian, E., Powell, J.H., **Johnson, E.M.**, Ramsey, C.M., Dalal, S.N., and Budil, D.E. Probing Triplex Formation by EPR Spectroscopy and Spin Labeled Oligonucleotides. *Nucleic Acids Research.* **30** (23), 5328-37 (2002)
8. Gannett, P.M., Powell, J.H., **Johnson, E.M.**, Darian, E., Dalal, N., Norton, M.L., Budil, D.E. Solid Phase DNA Annealing Characterization by EPR Spectroscopy. *Tet. Letters.* **43** (11), 1931-33 (2002)
9. Gennett, P.M., Darian, E., Powell, J.H., and **Johnson, E.M.** A Short Procedure for Synthesis of 4-ethynyl-2,2,6,6-tetramethyl-3,4-dehydro-piperidine-1-oxyl Nitroxide. *Synthetic Comm.* **31** (14), 49-53 (2001)
10. Powell, J.H., **Johnson, E.M.**, and Gannett, P.M. Improvement of a Critical Intermediate Step in the Synthesis of a Nitroxide-Based Spin-Labeled Deoxythymidine Analog. *Molecules.* **5**, 1289-95 (2000)

Noted Presentations/Guest Lectures:

1. **Johnson, E.M.**, Prodrugs and Bioisosteres: Finding Solutions to ADME Challenges, NOVA Southeastern University, Fort Lauderdale, FL. (February 2020) - Rescheduled
2. **Johnson, E.M.**, Metabolism, Genetics, and Interactions: What Pharmacists Need to Know about Drug Structures in Clinical Practice. NOVA Southeastern University, Fort Lauderdale, FL. (March, 2019)
3. **Johnson, E.M.**, Pharmacogenetics (PGx): Drug-Gene Pairing: Applying genetic information to Clinical Practice. University of Miami, FL. (March 2019)

4. **Johnson, E.M.**, Pharmacogenetics (PGx): Awareness and Education on Applying genetic information to Clinical Practice. Hunterdon Healthcare, NJ. (November 2018)
5. **Johnson, E.M.**, Pharmacogenetics (PGx): Applying genetic information to Clinical Practice. Indiana University Health, Bloomington, IN. (October 2018)
6. **Johnson, E.M.**, Pharmacogenetics (PGx): What is PGx and How is it Being Used to Improve Safety and Outcomes?, Dallas Chapter meeting, Worldwide Employee Benefits (WEB) Network (August 2018)
7. **Johnson, E.M.**, Pharmacogenetics (PGx): Applying genetic information to Clinical Practice. MedStar Grand rounds, Union Memorial Hospital, Baltimore, MD. (July 2018)
8. **Johnson, E.M.**, Pharmacogenetics (PGx): Applying genetic information to Clinical Practice. MedStar Grand rounds, Georgetown University Hospital, Washington D.C. (July 2018)
9. **Johnson, E.M.**, Pharmacogenomics (PGx): Controlling Healthcare Costs and the Impact on Payers. Lockton, Dallas, TX. (June 2018)
10. **Johnson, E.M.**, Pharmacogenetics (PGx): Applying genetic information to Clinical Practice. Grand rounds, Cookeville Regional Medical Center, TN (May 2018, July 2018, August 2018)
11. **Johnson, E.M.**, Drug Metabolism and Drug-Drug Interactions, What Pharmacists Need to Know about Drug Structures in Clinical Practice. Pharmacology 3, Pharm.D. Program, P2, Concordia University of Wisconsin – Mequon, School of Pharmacy (Feb 2015)
12. **Johnson, E.M.**, The Process of taking Medicinal Chemistry to Clinical Practice, Masters of Product Development Program, Concordia University of Wisconsin – Mequon, School of Pharmacy (Oct 2014)
13. Johnson, Y.T., **Johnson, E.M.**, and Cook, J.M. Synthesis of Selective Bivalent Ligands for GABAA/ Benzodiazepine Receptors. Annual Awards Day, UW – A Milwaukee, Spring (2008)

Organization White Papers – Drug Information and CME:

1. Vang, K., **Johnson, E.M.**, Anticoagulation use in Patients Undergoing Orthopaedic Spinal Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. May 2018.
2. Vang, K., **Johnson, E.M.**, Recommendations for Anticoagulation in Orthopaedic Spine Patients, Orthopaedic Hospital of Wisconsin, Glendale, WI. April 2018.

3. Pha, L., **Johnson, E.M.**, Investigating Stability and Beyond Use Date of Penicillin G Potassium in Various IV Fluids and Temperatures at Various Concentrations, Orthopaedic Hospital of Wisconsin, Glendale, WI. March 2018.
4. Kodali, R., **Johnson, E.M.**, Investigating the Recommendations for Rivaroxaban as Deep Venous Thrombosis (DVT) Prophylaxis in Postoperative Patients with Total Knee or Hip Replacement Surgery, Orthopaedic Hospital of Wisconsin, Glendale, WI. March 2018.
5. Phipps, K., **Johnson, E.M.**, Current Recommended Strategy to Prevent the Occurrence of *Cutibacterium Acnes* (*C. Acnes*) Infection Following Orthopaedic Shoulder Surgery, Including Preoperative and Intraoperative Measures, Orthopaedic Hospital of Wisconsin, Glendale, WI. February 2018.
6. Phipps, K., **Johnson, E.M.**, Antiseptic Strategies to Prevent *Cutibacterium Acnes* (*C. Acnes*) Infection, Orthopaedic Hospital of Wisconsin, Glendale, WI. February 2018.
7. Vang, H., **Johnson, E.M.**, Iodine Allergy – Provider and Patient Education, Orthopaedic Hospital of Wisconsin, Glendale, WI. December 2017.
8. Vang, H., **Johnson, E.M.**, Association between Perioperative Vitamin D status and Orthopaedic Surgery Outcomes, Orthopaedic Hospital of Wisconsin, Glendale, WI. December 2017.
9. Schaller, A., **Johnson, E.M.**, Investigating Recommendations for Relistor in the Treatment of Constipation and Bloating in Patients after Undergoing Orthopaedic Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2017.
10. Cameron, C., **Johnson, E.M.**, Investigating the Recommendations and Adverse Drug Reactions of Desmopressin in Patients with von Willebrand Hemophilia Undergoing Total Hip Replacement, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2017.
11. Akers, J., **Johnson, E.M.**, Investigating Recommendations and Adverse Drug Reactions for Tramadol in Patients Undergoing Orthopaedic Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2017.
12. Amborn, A., **Johnson, E.M.**, Immunosuppressant and Biologic Medication Considerations in Patients with Crohn's Disease and Ulcerative Colitis, Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2017.
13. Mielotz, K., **Johnson, E.M.**, Investigating Clindamycin Dose and Regimen in Patients with a *Staphylococcus epidermidis* Infection in the Drainage of the Incision Site After a Reverse Total Shoulder Replacement that is Susceptible to Clindamycin, Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2017.

14. Amborn, A., **Johnson, E.M.**, Pharmacogenomics – A Clinical Summary, Orthopaedic Hospital of Wisconsin, Glendale, WI. August 2017.
15. Abraham, S., **Johnson, E.M.**, Selecting the Appropriate Patient Population to Administer Stress Dose Steroids in Patients Undergoing Orthopaedic Surgeries – Dosing Guidelines, Orthopaedic Hospital of Wisconsin, Glendale, WI. August 2017.
16. Abraham, S., **Johnson, E.M.**, Perioperative Stress Dose Steroid Administration – A Physician’s Guide, Orthopaedic Hospital of Wisconsin, Glendale, WI. August 2017.
17. Hopp, M., **Johnson, E.M.**, Relationship Between Metal Allergies and Having a Reaction to Orthopaedic Metal Implants, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2017.
18. Hopp, M., **Johnson, E.M.**, Postoperative Management of Antiarrhythmic Medications – A Physician’s Guide, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2017.
19. Rosman, P., **Johnson, E.M.**, Comparing Intraoperative Antiseptic Solutions to Reduce the Risk of Postoperative Infection in Orthopaedic Surgeries – Sterile Salin, Iodine, Chlorhexidine, and Microcyn, Orthopaedic Hospital of Wisconsin, Glendale, WI. May 2017.
20. Rosman, P., **Johnson, E.M.**, Aspirin for Thromboprophylaxis in Patients Undergoing Orthopaedic Surgeries – A Physician’s Guide, Orthopaedic Hospital of Wisconsin, Glendale, WI. May 2017.
21. Thongvathsa, S., **Johnson, E.M.**, Investigating the Legitimacy of an Iodine Allergy and the Cross Sensitivity with Other Iodine Containing Agents, Orthopaedic Hospital of Wisconsin, Glendale, WI. February 2017.
22. Thongvathsa, S., **Johnson, E.M.**, Delirium Management – A Complete Review, Orthopaedic Hospital of Wisconsin, Glendale, WI. February 2017.
23. Zimmerman, K., **Johnson, E.M.**, Investigating the Stability and Beyond Use Date of Cefuroxime in Normal Saline (NS) and Dextrose 5% Water (D5W) for Injection, Orthopaedic Hospital of Wisconsin, Glendale, WI. February 2016.
24. Prust, E., **Johnson, E.M.**, Prophylactic Antibiotics before Dental Procedures in Patients that have Undergone Orthopaedic Surgeries – Recommendations and Dosing, Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2016.
25. Prust, E., **Johnson, E.M.**, Management of Anticoagulant Medications in Patients Undergoing Orthopaedic Procedures – A Physician’s Guide, Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2016.

26. Tomeczuk, N., **Johnson, E.M.**, Effects of Angiotensin Converting Enzyme inhibitors (ACEi) and Angiotensin Receptor Blockers (ARBs) during the Perioperative Period for Non-Emergent Surgery – Adverse Drug Reaction Review After the Induction of Anesthesia, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2016.
27. Case, L., **Johnson, E.M.**, Investigating the Link Between Tramadol and Hyponatremia, Orthopaedic Hospital of Wisconsin, Glendale, WI. April 2016.
28. Case, L., **Johnson, E.M.**, Management of Diabetes Medication Perioperatively in Patients Undergoing Orthopaedic Surgeries, Orthopaedic Hospital of Wisconsin, Glendale, WI. April 2016.
29. Slotty, J., **Johnson, E.M.**, Current Dosing Recommendations for Acetaminophen in Different Patient Populations, Orthopaedic Hospital of Wisconsin, Glendale, WI. March 2016.
30. Dumessa, T., **Johnson, E.M.**, Investigating the Stability and Beyond Use Date of Cefepime in Normal Saline (NS) and Dextrose 5% Water (D5W) for Injection, Orthopaedic Hospital of Wisconsin, Glendale, WI. February 2016.
31. Kluge, B., **Johnson, E.M.**, Determine the Appropriateness, as well as Efficacy of Redosing Antibiotics During Bilateral Knee Replacement Surgery Between Knee Procedures Over Single Dosing Within One Hour Prior to Surgery, Orthopaedic Hospital of Wisconsin, Glendale, WI. December 2015.
32. Kluge, B., **Johnson, E.M.**, Contraindications and Monitoring Parameters Required When Prescribing Tramadol in Postoperative Orthopaedic Patients, Orthopaedic Hospital of Wisconsin, Glendale, WI. December 2015.
33. Kluge, B., **Johnson, E.M.**, Recommendations for Immediate Release Tramadol use for Inpatients at the Orthopedic Hospital of Wisconsin – A Physician’s Guide, Orthopaedic Hospital of Wisconsin, Glendale, WI. December 2015.
34. Hopp, M., **Johnson, E.M.**, Investigating Adverse Drug Reactions and Contraindications in Patients with Renal Impairment Prescribed Celebrex and Ketorolac, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2015.
35. Gardner, R., **Johnson, E.M.**, Investigating Adverse Drug Reactions of Restarting Metformin and Dapagliflozin (or other SGLT2 Inhibitors) in Diabetic Patients after Undergoing Orthopaedic Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2015.
36. Schultz, S., **Johnson, E.M.**, Investigating the Stability and Beyond Use Date of Influenza Vaccine at Various Temperatures including Room Temperature from Various Manufacturers, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2015.

37. Betts, B., **Johnson, E.M.**, Recommendations for Screening Orthopaedic Patients for MRSA and Treatment of Patients Perioperatively with Suspected or Confirmed MRSA, Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2015.
38. Younce, C., **Johnson, E.M.**, Investigating Labetalol Injection and Clonidine Injection as Hypertension Management in the Post Anesthesia Care Unit (PACU), Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2015.
39. Betts, B., **Johnson, E.M.**, Recommendations for MRSA Screening and Decolonization for Patients Undergoing Orthopaedic Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2015.
40. Tanaid, M., **Johnson, E.M.**, Investigating the Use of Probiotics as Primary or Secondary Prophylaxis of Nosocomial Clostridium difficile Infections, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2015.
41. Tanaid, M., **Johnson, E.M.**, Contraindications and Other Parameters that Require Monitoring When Prescribing or Dispensing Metoclopramide, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2015.
42. Tanaid, M., **Johnson, E.M.**, Recommendations for Metoclopramide Use for Inpatients Undergoing Orthopaedic Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2015.
43. Tanaid, M., **Johnson, E.M.**, Investigating the Minimum Effective Dose of Tranexamic Acid to Reduce Bleeding and Transfusions in Total Knee/Total Hip Arthroplasty and Spinal Procedures, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2015.
44. Jones, D., **Johnson, E.M.**, Comparing Aspirin to other Medications Traditionally Used for Postoperative Deep Vein Thrombosis (DVT) Prophylaxis in Terms of the Risk of Developing GI Bleeding or Severe Generalized Bleeding, Orthopaedic Hospital of Wisconsin, Glendale, WI. April 2015.
45. Jones, D., **Johnson, E.M.**, Concerns of Using a Long-Acting Beta-Agonist in Asthma Patients in Association with the Labeled Warning for Asthma Associated Sudden Death - Is it safe to use as a monotherapy or as a combination therapy?, Orthopaedic Hospital of Wisconsin, Glendale, WI. April 2015.
46. Richter, A., **Johnson, E.M.**, Investigating the Cost-Effective to Use Tranexamic acid (TA) for all Total Knee Arthroplasty (TKA) and Total Hip Arthroplasty (THA) Patients, Orthopaedic Hospital of Wisconsin, Glendale, WI. November 2014.

47. Richter, A., **Johnson, E.M.**, Investigating Which Combination of Medications is the Most Effective for Use in a “Pain Cocktail” or Local Infiltration Analgesia (LIA), Orthopaedic Hospital of Wisconsin, Glendale, WI. November 2014.
48. VandenPlas, J., **Johnson, E.M.**, Investigating the Safety Profile of Lovenox and Arixtra in Patients with History of Heparin Induced Thrombocytopenia (HIT), Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2014.
49. Weaver, K., **Johnson, E.M.**, Recommendations and Adverse Drug Reactions for Imitrex (sumatriptan) or other Triptans for Migraine/Headache Management in Patients with Coronary Artery Disease (CAD) or Ischemic Heart Disease during the Perioperative Period, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2014.
50. Weaver, K., **Johnson, E.M.**, Investigating Both Chronic and Perioperative Medications that Increase White Blood Cells (WBC) in Patients, Orthopaedic Hospital of Wisconsin, Glendale, WI. October 2014.
51. Drott, T., **Johnson, E.M.**, Is Oritavancin, as a Single Dose Therapy, Just as Effective as Vancomycin to Treat Acute Bacterial Skin and Skin Structure Infections (ABSSSI) Caused by Susceptible Gram-Positive Microorganisms? Orthopaedic Hospital of Wisconsin, Glendale, WI. September 2014.
52. Drott, T., **Johnson, E.M.**, Hormone Replacement Therapy/Hormone Modification Therapy During the Perioperative Setting in Patients that will be Undergoing Orthopaedic Surgery in Order to Decrease the Risk of Venous Thromboembolism (VTE) Occurring, Orthopaedic Hospital of Wisconsin, Glendale, WI. August 2014.
53. Miller, C., **Johnson, E.M.**, Celecoxib use in Patients taking Aspirin for Deep Vein Thrombosis (DVT) Prophylaxis after Orthopaedic Surgery, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2014.
54. Miller, C., **Johnson, E.M.**, Comparing Efficacy and Safety Between Enteric Coated and Non-Enteric Coated Aspirin for the Use of Postoperative DVT Prophylaxis, Orthopaedic Hospital of Wisconsin, Glendale, WI. June 2014.
55. Hart, M., **Johnson, E.M.**, Investigating the Methods for Treating Prolonged Postoperative Ileus (POI), Orthopaedic Hospital of Wisconsin, Glendale, WI. May 2014.
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