



Recent Publications and Presentations

Division of Clinical Data Analytics and Decision Support

Publications:

Woosley, RL, Romero, K, Heise, CW, Gallo, T, Wooslet, RD. QTFactor.org: A companion database for use with QTdrugs.org. *Cardiology Today*. June 2018

Spyres MB, Skolnik A, Moore E, Gerkin RD, Padilla-Jones A, Ruha AM. Comparison of Antivenom Dosing Strategies for Rattlesnake Envenomation. *Crit. Care. Med*. 2018 Mar 17. doi: 10.1097/CCM.0000000000003079. PMID: 29521714. [e-pub ahead of print]

Kang AM, Brooks DE. Geographic Distribution of Scorpion Exposures in the United States, 2010–2015. *Am J Public Health*. 2017 Dec;107(12):1958-63. doi: 10.2105/AJPH.2017.304094. PMID: 29048956

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Farrugia LA, Rhyee SH, Calello DP, Campleman SL, Riederer AM, Malashock HR, Pizon A, Wiegand T, Wax PM, Brent J; Toxicology Investigators Consortium Study Group. The Toxicology Investigators Consortium Case Registry-the 2016 Experience. *J Med Toxicol*. 2017 Sep;13(3):203-226. doi: 10.1007/s13181-017-0627-3. PMID: 28766237.

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Malone D, Gallo T, Beck J, Clark D. Feasibility of measuring QT intervals with a portable device. *Am J Health Syst Pharm*. 2017 Nov 15;74(22):1850-1. doi: 10.2146/ajhp170252. PMID: 29118043

Raschke RA, Groves RH, Khurana HS, Nikhanj N, Utter E, Harling D, Stoffer B, Nunn K, Tryon S, Bruner M, Calleja M, Curry SC. A quality improvement project to improve the Medicare and Medicaid Services (CMS) sepsis bundle compliance rate in a large healthcare system. *BMJ Open Quality*. 2017;0:e000080. doi:10.1136/bmjopen-2017-000080. PMID: 29450277

Heise CW, Malashock H, Brooks DE. A review of vilazodone exposures with focus on serotonin syndrome effects. *Clin Toxicol (Phila)*. 2017 Nov;55(9):1004-1007. doi: 10.1080/15563650.2017.1332369. PMID: 28594246

Heise CW, Ruha AM, Padilla-Jones A, Truitt Hayek C, Gerkin RD. Clinical predictors of tissue necrosis following rattlesnake envenomation. *Clin Toxicol (Phila)*. 2018 Apr;56(4):281-284. doi: 10.1080/15563650.2017.1371311. PMID: 28885114

Heise CW, Brooks DE. Ayahuasca exposure: descriptive analysis of calls to US poison control centers from 2005 to 2015. *J Med Toxicol*. 2017 Sep 1;13(3):245-8. doi: 10.1007/s13181-016-0593-1. PMID: 27896660

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Raschke RA, Gallo T, Curry SC, Whiting T, Padilla-Jones A, Warkentin TE. Clinical Effectiveness of a Bayesian Algorithm for the Diagnosis and Management of Heparin-induced Thrombocytopenia. *J Thromb Haemost*. 15(8): 1640-1645. 2017 Nov.

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Woosley RL, Romero K, Heise CW, Gallo T, Tate J, Woosley RD, Ward S. Adverse Drug Event Causality Analysis (ADECA): A Process for Evaluating Evidence and Assigning Drugs to Risk

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Farrugia LA, Rhyee SH, Campleman SL, Ruha AM, Weigand T, Wax PM, Brent J; Toxicology Investigators Consortium. The Toxicology Investigators Consortium Case Registry-the 2015 Experience. *J Med Toxicol.* 2016 Sep;12(3):224-47. doi: 10.1007/s13181-016-0580-6. PMID: 27517280

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Ward J, Kanchagar C, Veksler-Lublinsky I, Lee R, McGill M, Jaeschke H, Curry SC, Ambros V. Circulating microRNA profiles in human patients with acetaminophen hepatotoxicity or ischemic hepatitis. *PNAS*. 2014 Aug 19;111(33):12169-74. doi: 10.1073/pnas.1412608111. PMID: 25092309

Presentations:

Curry SC, Padilla-Jones A, Kang AM, Snow J, Heise CW: Serum ALT activity and commencement of N-acetylcysteine therapy as a predictor of hepatotoxicity and mortality in patients with acetaminophen toxicity. VRP 2018.

Heise CW, Raschke R, Curry SC, Gerkin D, Ramos KS, Gallo T, Woosley R: Initial impact of clinical decision support system to improve the safety of QT prolonging antibiotics. VRP 2018.

Heise CW, Raschke R, Curry SC, Gerkin D, Ramos KS, Gallo T, Woosley R: The design of an EMR-based clinical decision support system in a large healthcare system to improve antibiotic safety using a validated risk score. VRP 2018.

Bal H, Gallo T, Padilla-Jones A, Gerkin R, Raschke RA. Kappa Analysis of 4Ts Scoring of Heparin Induced Thrombocytopenia. Poster Presentation. American Thoracic Society Conference San Diego CA May 18th-23rd 2018



Fountain, Assar, S, Heise, C, Curry, S, Raschke, RA. What's in a Chest Radiograph? Inter-Rater Variability in Determining Acute Respiratory Distress Syndrome. Poster Presentation. American Thoracic Society Conference San Diego CA May 18th-23rd 2018

Gallo, T, Padilla-Jones, A, Bal, H, Curry, S, Ramos, K, Raschke, RA. Simplified 2Ts Score for Heparin-Induced Thrombocytopenia Risk. Poster Presentation. American Thoracic Society Conference San Diego CA May 18th-23rd 2018

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Assar, S, Fountain, S, Stoffer, B, Ramos, KS, Curry, S, Raschke, RA. A Clinical Decision Support System to Enable Precision Delivery of Evidence-Based Care to Mechanically-Ventilated Patients. Poster Presentation. American Thoracic Society Conference San Diego CA May 18th-23rd 2018

Heise, C, Gallo, T, Curry, S, Woosley, R. The Design of an Electronic Medical Record Based Clinical Decision Support System in a Large Healthcare System to Improve Antibiotic Safety Using a Validated Risk Score. Poster Presentation. American Thoracic Society Conference San Diego CA May 18th-23rd 2018

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