



Recent Publications, Presentations and More

Division of Clinical Data Analytics and Decision Support

Manuscripts

COVID-19 Time of Intubation Mortality Evaluation (C-TIME): A System for Predicting Mortality of Patients with COVID-19 Pneumonia at the Time They Require Mechanical Ventilation

Raschke RA, Rangan P, Agarwal S, Uppalapu S, Sher N, Curry SC, Heise CW.

Submitted to Chest Oct 7, 2021.

Clinician responses to a clinical decision support advisory for high risk of torsades de pointes

Tyler Gallo, PharmD^{1,2}, C William Heise, MD^{1,3}, Raymond L Woosley, MD, PhD^{1,4}, James E Tisdale, PharmD^{5,6}, Malinda S Tan, PharmD⁷, Sheila M Gephart, PhD, RN⁸, Corneliu C Antonescu, MD⁹, Daniel C Malone, PhD⁷

Submitted to Journal of the American Heart Association

Relationship between prolonged QTc risk score and in-hospital mortality across rural and urban inpatient facilities

Malinda S Tan¹, C. William Heise^{2,3}, Tyler Gallo^{2,4}, James E Tisdale^{5,6}, Raymond L Woosley^{2,7}, Corneliu C Antonescu⁸, Sheila M Gephart⁹, Daniel C Malone¹

Submitted to Circulation Cardiovascular and Health Outcomes

Evaluation of Educational Program for Prolonged QT Interval and Torsades de Pointes

Malinda S Tan, PharmD,¹ C. William Heise, MD^{2,3}, Tyler Gallo, PharmD^{2,4} Raymond L Woosley, MD, PhD^{2,5}, James E Tisdale, PharmD^{6,7}, Corneliu C Antonescu, MD, MBI⁸, Sheila M Gephart, PhD, RN⁹, Daniel C Malone, RPh, PhD, FAMCP¹

Under review at Journal of Continuing Medical Education for Health Professions

Clinician satisfaction with advanced clinical decision support to reduce the risk of torsades de pointes

Tyler Gallo, PharmD^{1,2}, C William Heise, MD^{1,3}, Raymond L Woosley, MD, PhD^{1,4}, James E Tisdale, PharmD^{5,6}, Corneliu C Antonescu, MD⁷, Sheila M Gephart, PhD, RN⁸, Daniel C Malone, PhD⁹

Accepted: Patient Safety

Publications 2018 – 2022

Ghallab A, Hassan R, Hofmann U, Friebel A, Hobloss Z, Brackhagen L, Begher-Tibbe B, Myllys M, Reinders J, Overbeck N, Sezgin S, Zühlke S, Seddek AL, Murad W, Brecklinghaus T, Kappenberg F, Rahnenführer J, González D, Goldring C, Copple IM, Marchan R, Longerich T, Vucur M, Luedde T, Urban S, Canbay A, Schreiter T, Trauner M, Akakpo JY, Olyae M, Curry SC, Sowa JP, Jaeschke H, Hoehme S, Hengstler JG. Interruption of bile acid uptake by hepatocytes after acetaminophen overdose ameliorates hepatotoxicity. *J Hepatol.* 2022 Feb 4:S0168-8278(22)00062-9. doi: 10.1016/j.jhep.2022.01.020. Epub ahead of print. PMID: 35131407.



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Akakpo JY, Ramachandran A, Curry SC, Rumack BH, Jaeschke H. Comparing N-acetylcysteine and 4-methylpyrazole as antidotes for acetaminophen overdose. *Arch Toxicol*. 2022 Feb;96(2):453-465. doi: 10.1007/s00204-021-03211-z. Epub 2022 Jan 3. PMID: 34978586; PMCID: PMC8837711.

Dong OM, Roberts MC, Wu RR, Voils CI, Sperber N, Gavin KL, Bates J, Chanfreau-Coffinier C, Naglich M, Kelley MJ, Vassy JL, Sriram P, Heise CW, Rivas S, Ribeiro M, Chapman JG, Voora D. Evaluation of the Veterans Affairs Pharmacogenomic Testing for Veterans (PHASER) clinical program at initial test sites. *Pharmacogenomics*. 2021 Nov;22(17):1121-1133. doi: 10.2217/pgs-2021-0089. Epub 2021 Oct 27. PMID: 34704830; PMCID: PMC8592066.

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Recent Posters/Abstracts/Presentations

Relationship between prolonged QTc risk score and in-hospital mortality

James E Tisdale^{1,2} Malinda S Tan,³ C. William Heise^{4,5}, Tyler Gallo^{4,6} Raymond L Woosley^{4,7}, Corneliu C Antonescu⁸, Sheila M Gephart⁹, Daniel C Malone³

American Heart Association, November 2021

COVID-19: Survival in the midst of catastrophe

Honorhealth Neurosciences symposium, October 22, 2021.

Medications Evoking Torsades de Pointes Clinical Decision Support and Clinician Responses to the Advisory

Tyler Gallo^{1,2}, C. William Heise^{1,3}, Malinda S Tan⁴, James E Tisdale^{5,6}, Raymond L Woosley^{1,7}, Corneliu C Antonescu⁸, Sheila M Gephart⁹, Daniel C Malone⁴

American College of Clinical Pharmacy, October 2021

Clinician Satisfaction with Clinical Decision Support to Reduce the Risk of Torsades de Pointes



THE UNIVERSITY OF ARIZONA

College of Medicine

Phoenix

Tyler Gallo¹, C. William Heise¹, Raymond L. Woosley¹, James E. Tisdale², Corneliu C. Antonescu³,
Sheila M. Gephart⁴, Daniel C. Malone⁵
AMIA Clinical Informatics Meeting, May 2021

Unacceptable Discriminant Accuracy of SOFA Scoring for COVID-19 Ventilator Triage.

Raschke RA, Agarwal S, Rangan P, Heise W, Curry SC.

Abstract presented at Sixth ABRC-Flinn Foundation Research Conference, Feb 24, 2021.

Book chapter

Curry SC, O'Connor AD, Graeme KA, Kang AM: Neurotransmitters and Neuromodulators, Chapter 13, in Nelson LS, Howland MA, Lewin NA, Smith SW, Goldfrank LR, and Hoffman RS, eds: Goldfrank's Toxicologic Emergencies. McGraw Hill, New York, 11th edition 2019, pp 203-235.