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CLINICAL RESEARCH STUDIES

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Donald A. Redelmeier, Jonathan Wang, and Deva Thiruchelvam

COVID vaccine hesitancy is associated with significant increased risks of a traffic crash, with traffic risks comparable to similar risks with sleep apnea. Physicians counseling patients who decline COVID vaccination might consider issuing safety reminders to mitigate these increased traffic risks.



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163 Sugar-Sweetened and Artificially Sweetened Beverages Consumption and Risk of Cardiovascular Health

Chayakrit Krittanawong, Yusuf Kamran Qadeer, Zhen Wang, Karl Nadolsky, Salim Virani, and Carl J. Lavie

Increased consumption of sugar-sweetened, and to a lesser extent artificially sweetened beverages, is associated with an increased risk of developing cardiovascular complications and mortality. Consumption of sugar-sweetened beverages should be strongly discouraged.

172 The Food and Drug Administration's (FDA's) 510(k) Process: A Systematic Review of 1000 Cases

Puja Shah, Oscar Olavarria, Naila Dhanani, Hailie Ciomperlik, Cassandra Mohr, Karla Bernardi, Niharika Neela, Rainna Coelho, Zuhair Ali, Ajita Prabhu, and Mike K. Liang

Thousands of medical devices are cleared through the FDA's 510(k) process each year, with limited or no evidence made publicly available. Potentially costly, nonbeneficial, or harmful devices come to market in this manner. Devices, like prescription drugs, should undergo a more rigorous clearance process.

179 Retinal Artery Occlusion as an Early Indicator of Macrovascular Complications in Diabetes

Marie Ørskov, Henrik Vorum, Torben Bjerregaard Larsen, Michael Larsen, and Flemming Skjøth

Among individuals with diabetes, those with retinal artery occlusion had a higher general risk of macrovascular complications than those without. Presence of retinal artery occlusion should prompt a thorough examination for cardiovascular conditions.

186 Pharmacist-Initiated De-Prescribing Efforts Reduce Inappropriate Continuation of Acid-Suppression Therapy Initiated in the ICU

Ava E. Cascone, Jessica Sullivan, Kimberly Ackerbauer, Shyam Patel, Danielle Keadjian Lindale, Hayley Tatro, and Megan E. Feeney

Awareness of inappropriate continuation of ICU medications post-discharge, along with improved pharmacist-to-pharmacist communication via an electronic handoff tool, helped reduce the number of ICU-initiated acid suppression therapy prescriptions inadvertently or inappropriately continued at discharge.

193 Effect of Dexamethasone on Myocardial Injury After Total Knee Arthroplasty: A Substudy of the Randomized Clinical DEX-2-TKA Trial

Asger K. Mølgaard, Kasper S. Gasbjerg, Christian S. Meyhoff, Troels H. Lunn, Janus C. Jakobsen, Ismail Gögenur, Ole Mathiesen, and Daniel Hägi-Pedersen

On the first postoperative day following total knee arthroplasty under spinal anesthesia, dexamethasone did not affect postoperative troponin concentrations.

200 Liver Injury Associated with Turmeric—A Growing Problem: Ten Cases from the Drug-Induced Liver Injury Network [DILIN]

Dina Halegoua-DeMarzio, Victor Navarro, Jawad Ahmad, Bharathi Avula, Huiman Barnhart, A. Sidney Barritt, Herbert L. Bonkovsky, Robert J. Fontana, Marwan S. Ghabril, Jay H. Hoofnagle, Ikhlas A. Khan, David E. Kleiner, Elizabeth Phillips, Andrew Stolz, and Raj Vuppalanchi

Liver injury due to turmeric—widely used as an herbal dietary supplement for a variety of conditions—appears to be increasing, reflecting usage patterns and combination with black pepper, which increases its absorption.



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- 216 Erratum to 'Drug-Drug Interactions with Direct Oral Anticoagulants: Practical Recommendations for Clinicians' *The American Journal of Medicine*, Volume 134 (2021), Issue 8, 939-942**
Jean Terrier, Frederic Gaspar, Pierre Fontana,
Youssef Daali, Jean-Luc Reny, Chantal Csajka,
and Caroline F. Samer

On the Cover: Redelmeier et al. *COVID Vaccine Hesitancy and Risk of a Traffic Crash*. Directed acyclic graph of possible causal pathways relevant to vaccine hesitancy and traffic risks. The diagram displays measured factors (white), unmeasured ancestors of vaccine hesitancy (green), unmeasured ancestors of traffic risks (blue), and unmeasured ancestors to both vaccine hesitancy and traffic risks (pink). Causal pathways denoted as closed (black lines) or open (magenta lines).
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