

---

# JOURNAL OF CLINICAL EPIDEMIOLOGY

---

VOLUME 114, OCTOBER 2019

## TABLE OF CONTENTS

---

### *Editorial*

- v Confounding obscures our view, effect modification is part of reality  
*J. André Knottnerus, and Peter Tugwell*

---

### *Review*

- 1 Apparently conclusive meta-analyses on interventions in critical care may be inconclusive—a meta-epidemiological study  
*Thijs M. Koster, Jørn Wetterslev, Christian Gluud, Janus C. Jakobsen, Thomas Kaufmann, Ruben J. Eck, Geert Koster, Bart Hiemstra, Iwan C.C. van der Horst, and Eric Keus*

---

### *Original Articles*

- 11 Psychometric evaluation supported construct validity, temporal stability, and responsiveness of the Osteoarthritis Questionnaire  
*Ljoudmila Busija, Richard H. Osborne, Gemma Tatangelo, Silvana Niutta, and Rachelle Buchbinder*
- 22 Delphi consensus reached to produce a decision tool for Selecting Approaches for Rapid Reviews (STARR)  
*Abdullah Pandor, Eva Kaltenthaler, Marrison St James, Ruth Wong, Katy Cooper, Munya Dimairo, Alicia O'Catbain, Fiona Campbell, and Andrew Booth*
- 30 Estimated legacy effects from simulated post-trial data were less biased than from combined trial/post-trial data  
*Lin Zbu, Katy J.L. Bell, and Andrew Hayen*
- 38 Development of practical recommendations for diagnostic accuracy studies in low-prevalence situations  
*Gea A. Holtman, Marjolein Y. Berger, Huibert Burger, Jonathan J. Deeks, Norbert Donner-Banzhoff, Thomas R. Fanshawe, Constantinos Kosbiaris, Mariska M. Leeflang, Jason L. Oke, Rafael Perera, Johannes B. Reitsma, and Ann Van den Bruel*
- 49 Single pivotal trials with few corroborating characteristics were used for FDA approval of cancer therapies  
*Aviv Ladanie, Benjamin Speich, Matthias Briel, Francesco Scalfani, Heiner C. Bucher, Arnav Agarwal, John P.A. Ioannidis, Tiago V. Pereira, Benjamin Kasenda, and Lars G. Hemkens*
- 60 A limited number of medicines pragmatic trials had potential for waived informed consent following the 2016 CIOMS ethical guidelines  
*Rafael Dal-Ré, Cristina Avendaño-Solà, Anthonius de Boer, Stephan K. James, Frits R. Rosendaal, Richard Stephens, and John P.A. Ioannidis*

*Continued on following page*



0895-4356(201910)114:C;1-M

---

# JOURNAL OF CLINICAL EPIDEMIOLOGY

---

VOLUME 114, OCTOBER 2019

## TABLE OF CONTENTS *continued*

- 72 Models with interactions overestimated heterogeneity of treatment effects and were prone to treatment mistargeting  
*David van Klaveren, Theodor A. Balan, Ewout W. Steyerberg, and David M. Kent*
- 84 Rapid network meta-analysis using data from Food and Drug Administration approval packages is feasible but with limitations  
*Lin Wang, Benjamin Rouse, Arielle Marks-Anglin, Rui Duan, Qiyuan Shi, Kevin Quach, Yong Chen, Christopher Cameron, Christopher H. Schmid, and Tianjing Li*
- 95 Collection of antirheumatic medication data from both patients and rheumatologists shows strong agreement in a real-world clinical cohort: the Ontario Best Practices Research Initiative—a rheumatoid arthritis cohort  
*Mohammad Movahedi, Angela Cesta, Xiuying Li, and Claire Bombardier, OBRI Investigators*
- 108 Clinical replicability of rehabilitation interventions in randomized controlled trials reported in main journals is inadequate  
*Stefano Negrini, Chiara Arienti, Joel Pollet, Julia Patrick Engkasan, Gerard E. Francisco, Walter R. Frontera, Silvia Galeri, Kamila Gworys, Jolanta Kujawa, Mazlina Mazlan, Farooq A. Rathore, Fabienne Schillebeeckx, and Carlotte Kiekens, and the REREP study participants*
- 118 Searching for qualitative health research required several databases and alternative search strategies: a study of coverage in bibliographic databases  
*Tove Faber Frandsen, Frederik Alkier Gildberg, and Ellen Boldrup Tingleff*
- 125 Who is in this study, anyway? Guidelines for a useful Table 1  
*Eleanor Hayes-Larson, Katrina L. Kezios, Stephen J. Mooney, and Gina Lovasi*
- 133 A psychometric study found AMSTAR 2 to be a valid and moderately reliable appraisal tool  
*Robert C. Lorenz, Katja Matthias, Dawid Pieper, Uta Wegewitz, Johannes Morche, Marc Nocon, Olesja Rissling, Jacqueline Schirm, and Anja Jacobs*
- 141 Using health insurance reimbursement data to identify incident cancer cases  
*Chao Shi, Mengfei Liu, Zhen Liu, Chuanbai Guo, Fenglei Li, Ruiping Xu, Fangfang Liu, Ying Liu, Jingjing Li, Hong Cai, Zhongbu He, and Yang Ke*

---

## **Letter to the Editor**

- 104 Delphi panelists for a core outcome set project suggested both new and existing dissemination strategies that were feasibly implemented by a research infrastructure project  
*Ayodele Akinremi, Alison E. Turnbull, Caroline M. Chessare, Clifton O. Bingham, III, Dale M. Needham, and Victor D. Dinglas*