

---

# JOURNAL OF CLINICAL EPIDEMIOLOGY

---

VOLUME 116, DECEMBER 2019

## TABLE OF CONTENTS

### *Editorial*

---

- A6      Should the cost perspective be integrated in clinical guidelines? On individual and societal perspectives in health research  
*J. André Knottnerus and Peter Tugwell*

### *Commentaries*

---

- 140      The ethics of cluster randomized trials: response to a proposal for revision of the Ottawa Statement  
*Charles Weijer and Monica Taljaard*
- 146      The moral and legal status of Health Care Workers in Cluster Randomized Trials: a response to Weijer and Taljaard  
*Rieke van der Graaf, Gbislaine J.M.W. van Thiel, Esther Oomen-de Hoop, Karel G.M. Moons, Diederick E. Grobbee, and Johannes J.M. van Delden*
- 150      The increasing complexity of the core outcomes landscape  
*Rachael M. Moloney, Donna A. Messner, and Sean R. Tunis*
- 155      Care and research concepts should be revised to practice outcome-based medical care  
*Jean Raymond, Tim E. Darsaut, and David Roy*
- 161      Stepped wedge trials with continuous recruitment require new ways of thinking  
*Richard Hooper and Andrew Copas*
- 167      Why mind-body medicine is poised to set a new standard for clinical research  
*Nadia M. Penrod and Jason H. Moore*

### *Reviews*

---

- 1      Publication bias may exist among prognostic accuracy studies of middle cerebral artery Doppler ultrasound  
*Charlotte A. Vollgraff Heidweiller-Schreurs, Daniël A. Korevaar, Ben Willem J. Mol, Caroline J. Bax, Christianne J.M. de Groot, Marjon A. de Boer, and Patrick M.M. Bossuyt*
- 9      A systematic review finds that spin or interpretation bias is abundant in evaluations of ovarian cancer biomarkers  
*Mona Ghannad, Maria Olsen, Isabelle Boutron, and Patrick M. Bossuyt*
- 72      Most guideline organizations lack explicit guidance in how to incorporate cost considerations  
*Andrea Juliana Sanabria, Anna Kotzeva, Anna Selva Olid, Sandra Pequeño, Robin W.M. Vernooij, Laura Martínez García, Yuan Zhang, Ivan Solà, Judith Thornton, and Pablo Alonso-Coello*

*Continued on following page*



0895-4356(201912)116:C;1-N

---

# JOURNAL OF CLINICAL EPIDEMIOLOGY

---

VOLUME 116, DECEMBER 2019

## TABLE OF CONTENTS *continued*

- 98 Rapid reviews of medical tests used many similar methods to systematic reviews but key items were rarely reported: a scoping review  
*Ingrid Arevalo-Rodriguez, Paloma Moreno-Nunez, Barbara Nussbaumer-Streit, Karen R. Steingart, Laura del Mar González Peña, Diana Buitrago-Garcia, David Kaunelis, José Ignacio Emparanza, Pablo Alonso-Coello, Andrea C. Tricco, and Javier Zamora*

### **Original Articles**

---

- 18 Study characteristics impacted the pragmatism of randomized controlled trial published in nursing: a meta-epidemiological study  
*Flora Devos, Frantz Foissac, Naim Bouazza, Pierre-Yves Ancel, Jean-Marc Tréhuyer, and Hélène Chappuy*
- 26 Using the STROBE statement: survey findings emphasized the role of journals in enforcing reporting guidelines  
*Melissa K. Sharp, Lorenzo Bertizzolo, Roser Rius, Elizabeth Wager, Guadalupe Gómez, and Darko Hren*
- 36 Poor quality patient reported outcome measures bias effect estimates in orthopaedic randomized studies  
*Joel J. Gagnier and Bradley C. Johnston*
- 39 New evidence for concern over the risk of birth defects from medications for nausea and vomiting of pregnancy  
*Anick Bérard, Odile Sheehy, Jessica Gorgui, Jin-Ping Zhao, Cristiano Soares de Moura, and Sasha Bernatsky*
- 49 Baseline health status and setting impacted minimal clinically important differences in COPD: an exploratory study  
*Harma Alma, Corina de Jong, Danijel Jelusic, Michael Wittmann, Michael Schuler, Boudewijn Kollen, Robbert Sanderman, Janwillem Kocks, Konrad Schultz, and Thys van der Molen*
- 62 A new population-based risk stratification tool was developed and validated for predicting mortality, hospital admissions, and health care costs  
*Federico Rea, Giovanni Corrao, Monica Ludernani, Luigi Cajazzo, and Luca Merlino*
- 84 Colorectal cancer guidelines seldom include the patient perspective  
*A. Selva, A.J. Sanabria, E. Niño de Guzman, M. Ballesteros, C. Selva, C. Valli, Y. Zhang, J.J. Yepes-Nuñez, I. Solà, H. Schünemann, and P. Alonso-Coello*
- 106 Studies registered in non-ClinicalTrials.gov accounted for an increasing proportion of protocol registrations in medical research  
*Masahiro Banno, Yasushi Tsujimoto, and Yuki Kataoka*
- 114 Half of systematic reviews about pain registered in PROSPERO were not published and the majority had inaccurate status  
*Edita Runjic, Tanja Rombey, Dawid Pieper, and Livia Puljak*

*Continued on following page*

---

# JOURNAL OF CLINICAL EPIDEMIOLOGY

---

VOLUME 116, DECEMBER 2019

## TABLE OF CONTENTS *continued*

- 122 Randomized controlled trials reflected clinical practice when comparing the course of low back pain symptoms in similar populations  
*Esther T. Maas, Johanna M. van Dongen, Joban N.S. Juch, J. George Groeneweg, Jan-Willem Kallewaard, Michiel R. de Boer, Bart Koes, Arianne P. Verbagen, Frank J.P.M. Huygen, Maurits W. van Tulder, and Raymond W.J.G. Ostelo*

### ***Letters to the Editor***

---

- 133 More detailed guidance on the inclusion/exclusion of retracted articles in systematic reviews is needed  
*Clovis Mariano Faggion, Jr.*
- 134 Database choice can be informed by both large-scale and in-depth analyses  
*Tove Faber Frandsen, Mette Brandt Eriksen, David Mortan Grøne Hammer, and Janne Buck Christensen*
- 135 Frandsen et al. provide insights to PubMed coverage across all Cochrane Review Groups, but more in-depth analyses would further help inform database choices  
*Maria-Inti Metzendorf and Robin M. Featherstone*
- 136 Statistical thinking, machine learning  
*Jiang Bian, Iain Buchan, Yi Guo, and Mattia Prosperi*
- 137 Statistics versus machine learning: definitions are interesting (but understanding, methodology, and reporting are more important)  
*Ben Van Calster, Jan Y. Verbakel, Evangelia Christodoulou, Ewout W. Steyerberg, and Gary S. Collins*
- 138 Validity of health transition questions is supported by larger clinical improvements in purposive samples enriched for improvers  
*Michael M. Ward and Lori C. Guthrie*

### ***David Sackett Young Investigator Award***

---

- 171 David Sackett Young Investigator Award

### ***Reviewers of the year***

---

- 172 Reviewers of the year

### ***Corrigendum***

---

- 181 Corrigendum to 'Randomized cohort trial was shown to be feasible for evaluating treatments in low back pain' Journal of Clinical Epidemiology Volume 67, Issue 8, August 2014, Pages 940-946  
*Vivienne Dascanio, Yvonne Birks, Laura Clark, Caroline Fairburst, Hugh MacPherson, and David J. Torgerson*