

Last updated July 2023

Refereed Papers/Articles (*denotes mentee)

1. **Patterson JK**, Ishoso D*, Eilevstjønn J, Bauserman M, Haug I, Iyer P*, Kamath-Rayne BD, Lokangaka A, Lowman C, Mafuta E, Myklebust H, Nolen T, Patterson J, Tshetu A, Bose C, Berkelhamer S. *Delayed and interrupted ventilation with excess suctioning after Helping Babies Breathe with Congolese birth attendants*. *Children*. 2023 Mar 30; 10: 652. PMID: 37189901.
2. **Patterson JK**, Neuwahl S, Goco N, Moore J, Goudar SS, Derman RJ, Hoffman M, Metgud M, Somannavar M, Kavi A, Okitawutshu J, Lokangaka A, Tshetu A, Bose CL, Mwapule A, Mwenechanya M, Chomba E, Carlo WA, Chicuy J, Figueroa L, Krebs NF, Jessani S, Saleem S, Goldenberg RL, Kurhe K, Das P, Patel A, Hibberd PL, Achieng E, Nyongesa P, Esamai F, Bucher S, Liechty EA, Bresnahan BW, Koso-Thomas M, McClure EM. *Cost-effectiveness of low-dose aspirin for the prevention of preterm birth: a prospective study of the Global Network for Women's and Children's Health Research*. *Lancet Glob Health*. 2023 Mar; 11(3): e436-44. PMID: 36796987.
(Note: Featured on the front cover; published with accompany editorial)
3. Tita ATN, Carlo WA, McClure EM, Mwenechanya M, Chomba E, Hemingway-Foday JJ, Kavi A, Metgud MC, Goudar SS, Derman R, Lokangaka A, Tshetu A, Bauserman M, Bose C, Shivkumar P, Waikar M, Patel A, Hibberd PL, Nyongesa P, Esamai F, Ekhuagere OA, Bucher S, Jessani S, Tikmani SS, Saleem S, Goldenberg RL, Billah SM, Lennox R, Haque R, Petri W, Figueroa L, Mazariegos M, Krebs NF, Moore J, Nolen TL, Koso-Thomas M; **A-PLUS Trial Group**. *Azithromycin to prevent sepsis or death in women planning a vaginal birth*. *N Engl J Med*. 2023 Feb 9. PMID: 36757318.
4. Adu-Amankwah A, Bellad MB, Benson AM, Beyuo TK, Bhandankar M, Charanthimath U, Chisembele M, Cole SR, Dhaded SM, Enweronu-Laryea C, Freeman BL, Freeman NLB, Goudar SS, Jiang X, Kasaro MP, Kosorok MR, Luckett D, Mbewe FM, Misra S, Mutesu K, Nuamah MA, Oppong SA, **Patterson JK**, Peterson M, Pokaprakarn T, Price JT, Pujar YV, Rouse DJ, Sebastiao YV, Spelke MB, Sperger J, Stringer JSA, Tuuli MG, Valancius M, Vwalika B; LABOR Study Group. *Limiting adverse birth outcomes in resource-limited settings (LABOR): protocol of a prospective intrapartum cohort study*. *Gates Open Res*. 2022 Dec 19; 6: 115. PMID: 36636742.
5. Thornton M*, Ishoso D*, Lokangaka A, Berkelhamer S, Bauserman M, Eilevstjønn J, Iyer P*, Kamath-Rayne B, Mafuta E, Myklebust H, Patterson J, Tshetu A, Bose C, **Patterson JK**. *Perceptions and experiences of Congolese midwives implementing a low-cost battery-operated heart rate meter during newborn resuscitation*. *Front Pediatr*. 2022 Sept 29; 10: 943496. PMID: 36245737.
6. Bauserman M, Leuba S, Hemingway-Foday J, Nolan T, McClure B, Lokangaka A, Tshetu A, **Patterson J**, Liechty E, Esamai F, Carlo W, Chomba E, Goldenberg R, Saleem S, Jesani S, Koso-Thomas M, Hoffman M, Derman R, Bose C. *The efficacy of low-dose aspirin in*

pregnancy among women in malaria-endemic countries. BMC Pregnancy and Childbirth. 2022 Apr 10; 22(1): 303. PMID: 35399060.

7. Bauserman M, **Patterson J**, Price W. *Improving faculty teaching practices: Fostering the “Ideal ICU Teacher” using a positive deviance strategy.* Academic Pediatrics. 2022 Mar 16;S1876-2859(22)00166-8. PMID: 35306186.
8. **Patterson JK**, Berkelhamer S, Ishoso D*, Iyer P*, Lowman C, Bauserman M, Eilevstjønn J, Haug I, Lokangaka A, Kamath-Rayne B, Mafuta E, Myklebust H, Nolen T, Patterson J, Singhal N, Tshetu A, Bose C. *Effect of resuscitation training and implementation of continuous electronic heart rate monitoring on identification of stillbirth.* Resuscitation. 2022 Feb; 171:57-63. PMID: 34965451.
9. Bettinger K*, Mafuta E, Mackay A*, Bose C, Myklebust H, Haug I, Ishoso D*, **Patterson J**. *Improving newborn resuscitation by making every birth a learning event.* Children. 2021 Dec 16; 8(12): 1194. PMID: 34943390.
10. **Patterson J**, North K*, Dempsey E, Ishoso D*, Trevisanuto D, Lee AC, Kamath-Rayne B. *Optimizing initial neonatal resuscitation.* Sem Fet Neo Med. 2021 June 22. PMID: 34193380.
11. Bauserman M, Bann C, Hambidge K, Garces A, Figueroa L, Westcott J, **Patterson J**, McClure E, Thorsten V, Aziz S, Saleem S, Goldenberg R, Derman R, Herekar V, Somannavar M, Koso-Thomas M, Lokangaka A, Tshetu A, Krebs N, Bose C. *Gestational weight gain in 4 low- and middle-income countries and associations with birth outcomes: a secondary analysis of the Women First Trial.* American Journal of Clinical Nutrition. 2021 Apr 19. PMID: 33876178.
12. **Patterson JK**, Pant S, Jones D*, Taha S*, Jones MS, Bauserman M, Montaldo P, Bose C, Thayyil S. *Informed consent rates for neonatal randomized controlled trials in low- and lower middle-income versus high-income countries: A systematic review.* PLOS One. 2021 Mar 9; 16(3): e0248263. PMID: 33690703.
13. **Patterson JK**, Worku B, Jones D*, Clary A, Ramaswamy R, Bose C. *The Ethiopian quality improvement initiative: a pragmatic approach to facility-based quality improvement in low-resource settings.* BMJ Open Quality. 2021 Jan; 10(1): e000927. PMID: 33436379.
14. Bauserman M, Thorsten V, Nolen T, **Patterson J**, Lokangaka A, Tshetu A, Patel A, Hibberd P, Garces A, Krebs N, Esamai F, Nyongesa P, Liechty E, Carlo W, Chomba E, Goudar S, Derman R, Saleem S, Billah M, Koso-Thomas M, McClure E, Goldenberg R, Bose C. *Maternal mortality in six low and lower-middle income countries from 2010-2018: Risk factors and trends.* Reprod Health. 2020 Dec 17; 17 (Suppl 3): 173. PMID: 33334343.
15. Garces A, Perez W, Harrison MS, Hwang K, Nolen T, Goldenberg RL, Patel A, Hibberd PL, Lokangaka A, Tshetu A, Saleem S, Goudar S, Derman RJ, **Patterson J**, Koso-Thomas M, McClure E, Krebs NF, Hambidge M. *Association of parity with birthweight and*

neonatal death in five sites: the Global Network's Maternal Newborn Health Registry study. *Reprod Health.* 2020 Dec 17; 17 (Suppl 3): 182. PMID: 33334362.

16. Bauserman M, Nowak K, Nolen TL, **Patterson J**, Lokangaka A, Tshefu A, Patel AB, Hibberd P, Garces AL, Figueroa L, Krebs NF, Esamai F, Liechty EA, Carlo WA, Chomba E, Mwenechanya M, Goudar SS, Ramadurg R, Derman RJ, Saleem S, Jessani S, Koso-Thomas M, McClure EM, Goldenberg RL, Bose C. *The relationship between birth intervals and adverse maternal and neonatal outcomes in six low and lower-middle income countries.* *Reprod Health.* 2020 Nov 30; 17 (Suppl 2): 157. PMID: 33256784.
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19. Ehret DEY, **Patterson JK**, KC A, Worku B, Kamath-Rayne BD, Bose C. *Helping Babies Survive Programs as an impetus for quality improvement.* *Pediatrics.* 2020 Oct; 146(Suppl2): S183-93. PMID: 33004640.
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26. Ehret D, **Patterson J**, Bose C. *Improving neonatal care: a global perspective*. *Clinics in Perinatology*. 2017 Sept; 44(3): 567-82. PMID: 28802340.
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28. **Patterson J**, Bose C. *Implementing education to reduce neonatal mortality in low-resource environments*. [Peer commentary on “Implementation of ‘Helping Babies Breathe:’ A Three-Year Experience in Tanzania” by Arlington L, Kairuki A and Isangula K et al]. *Pediatrics*. 2017 May; 139(5). PMID: 28557754.
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31. Fisher D, Cochran K, Provost L, **Patterson J**, Bristol T, Metzguer K, Smith B, Testoni D, McCaffrey M. *Reducing central line-associated bloodstream infections in North Carolina NICUs*. *Pediatrics*. 2013 Dec; 132(6): e1664-71. PMID: 24249819.
32. **Knupp J**. *Kant’s assessment of motivation in the fulfillment of social obligations*. *Penn Bioethics Journal*. 2006 Spring; 2(2): 29-32. PMID: 17146908.