

# Burnout, Secondary Traumatic Stress, and Moral Injury in Maternity Care Providers

Kathleen Kendall-Tackett, PhD, IBCLC, FAPA

## Reference List

- Akkoc, I., Okun, O., & Ture, A. (2021). The effect of role-related stressors on nurses' burnout syndrome: The mediating role of work-related stress. *Perspectives in Psychiatric Care, 57*, 583-596. doi:<https://doi.org/10.1111/ppc.12581>
- Albendin-Garcia, L., Suleiman-Martos, N., Canadas-De la Fuente, G. A., Ramirez-Baena, L., Gomez-Urquiza, J. L., & De la Fuente-Solana, E. (2021). Prevalence, related factors, and levels of burnout among midwives: A systematic review. *Journal of Midwifery and Women's Health, 66*(1), 24-44. doi:10.1111/jmwh.13186
- Austin, C. L., Saylor, R., & Finley, P. J. (2017). Moral distress in physicians and nurses: Impact on professional quality of life and turnover. *Psychological Trauma, 9*(4), 399-406. doi:<http://dx.doi.org/10.1037/tra0000201>
- Avieli, H., Ben-David, S., & Levy, I. (2016). Predicting professional quality of life among professional and volunteer caregivers. *Psychological Trauma, 8*(1), 80-87. doi:<http://dx.doi.org/10.1037/tra0000066>
- Baas, M. A. M., Scheepstra, K. W. F., Stramrood, C. A. I., Evers, R., Dijkstra, L. M., & vanPampus, M. G. (2018). Work-related adverse events leaving their mark: A cross-sectional study among Dutch gynecologists. *BMC Psychiatry, 18*, 73. doi:<https://doi.org/10.1186/s12888-018-1659-1>
- Beck, C. T. (2020). Secondary traumatic stress in maternal-newborn nurses: Secondary qualitative analysis. *Journal of the American Psychiatric Nurses Association, 26*(1), 55-64. doi:<https://doi.org/10.1177/1078390319886358>
- Beck, C. T., & Gable, R. K. (2012). A mixed methods study of secondary traumatic stress in labor and delivery nurses. *Journal of Obstetric, Gynecologic, and Neonatal Nursing, 41*(6), 747-760. doi:10.1111/j.1552-6909.2012.01.386x
- Beck, C. T., LoGuidice, J., & Gable, R. K. (2015). A mixed-methods study of secondary traumatic stress in certified nurse-midwives: Shaken belief in the birth process. *Journal of Midwifery and Women's Health, 60*(1), 16-23. doi:10.1111/jmwh.12221
- Bingol, F. B., Demirgoz, M., Aygun, M., & Bilgic, E. (2020). Secondary traumatic stress among midwifery students. *Perspectives in Psychiatric Care, 1-7*. doi:10.1111/ppc.12674
- Bryan, C. J., Bryan, A. O., Roberge, E., Leifker, F. R., & Rozek, D. C. (2018). Moral injury, posttraumatic stress disorder, and suicidal behavior among National Guard personnel. *Psychological Trauma, 10*(1), 36-45. doi:10.1037/tra0000290
- Creedy, D. K., Sidebotham, M., Gamble, J., Pallant, J., & Fenwick, J. (2017). Prevalence of burnout, depression, anxiety, and stress in Australian midwives: A cross-sectional survey. *BMC Pregnancy and Childbirth, 17*, 13. doi:10.1186/s12884-016-1212-5
- Davies, S., & Coldridge, L. (2015). "No man's land": An exploration of the traumatic experiences of student midwives in practice. *Midwifery, 31*(9), 858-864. doi:<https://doi.org/10.1016/j.midw.2015.05.001>
- Dawson, K., Newton, M., Forster, D., & McLachlan, H. (2018). Comparing caseload and non-caseload midwives' burnout levels and professional attitudes: A national, cross-sectional survey of Australian midwives working in the public maternity system. *Midwifery, 63*, 60-67.

- Dikmen-Yildiz, P., Ayers, S., & Phillips, L. (2017). The prevalence of posttraumatic stress disorder in pregnancy and after birth: A systematic review and meta-analysis. *Journal of Affective Disorders, 208*, 634-645.
- Evans, W. R., Stanley, M. A., Barrera, T. L., Exline, J. J., Pargament, K. I., & Teng, E. J. (2018). Morally injurious events and psychological distress among veterans: Examining the mediating role of religious and spiritual struggles. *Psychological Trauma, 10*(3), 360-367.
- Famsworth, J. (2014). The role of moral emotions in military trauma: Implications for the study and treatment of moral injury. *Review of General Psychiatry, 18*(4), 249-262.
- Figley, C. (1995). Compassion fatigue as secondary traumatic stress disorder: An overview. In C. R. Figley (Ed.), *Compassion fatigue: Coping with secondary traumatic stress disorder in those who treat the traumatized* (pp. 1-20). New York: Bruner/Mazel.
- Figley, C. (2010). Standards of self care. Retrieved from [http://www.greencross.org/index.php?option=com\\_content&view=article&id=184&Itemid=124](http://www.greencross.org/index.php?option=com_content&view=article&id=184&Itemid=124)
- Grabbe, L., Higgins, M. K., Baird, M., Craven, P. A., & SanFratello, S. (2020). The community resiliency model to promote nurse well-being. *Nursing Outlook, 68*(3), 324-336. doi:<https://doi.org/10.1016/j.outlook.2019.11.002>.
- Griffin, B. J., Purcell, N., Burkman, K., Litz, B. T., Bryan, C. J., Schmitt, M. P., . . . Maguen, S. (2019). Moral injury: An integrative review. *Journal of Traumatic Stress, 32*, 350-362. doi:10.1002/jts.22362
- Held, P., Klassen, B. J., Hall, J. M., Friese, T. R., Bertsch-Gout, M. M., Zalta, A. K., & Pollack, M. H. (2019). "I knew it was wrong the moment I got the order": A narrative thematic analysis of moral injury in combat veterans. *Psychological Trauma, 11*(4).
- Helgeson, V. S., & Fritz, H. L. (1998). A theory of unmitigated communion. *Personality & Social Psychology Review, 2*, 173-183.
- Horsch, A., Lalor, J., & Downe, S. (2020). Moral and mental health challenges faced by maternity staff during COVID-19 pandemic. *Psychological Trauma, 12*(S1), S141-S142.
- Kelley, M. L., Bravo, A. J., Davies, R. L., Hamrick, H. C., Vinci, C., & Redman, J. (2019). Moral injury and suicidality among combat-wounded veterans: The moderating effects of social connectedness and self-compassion. *Psychological Trauma, 11*(6), 621-629.
- Kendall-Tackett, K. A., & Beck, C. T. (2022). Secondary traumatic stress and moral injury in maternity care providers: A narrative and exploratory review. *Frontiers in Global Women's Health, 3*. doi:10.3389/fgwh.2022/835811
- Kerkman, T., Dijkstra, L. M., Baas, M. A. M., Evers, R., VanPampus, M. G., & Stramrood, C. A. (2019). Traumatic experiences in the midwifery profession: A cross-sectional study among Dutch midwives. *Journal of Midwifery and Women's Health, 64*, 435-442. doi:10.1111/jmwh.12946
- Leinweber, J., & Rowe, H. J. (2010). The costs of "being with the woman" Secondary traumatic stress in midwifery. *Midwifery, 26*, 76-87.
- Makino, M., Kanie, A., Nakajima, A., & Takebayashi, Y. (2020). Mental health crisis of Japanese health care workers under COVID-19. *Psychological Trauma, 12*(S1), S136-S137.
- McGibbon, E., Peter, E., & Gallop, R. (2010). An institutional ethnography of nurses' stress. *Qualitative Health Research, 20*(10), 1353-1378. doi:10.1177/1049732310375435
- Nelson, S. M., & Lee-Winn, A. E. (2020). The mental turmoil of hospital nurses in the COVID-19 pandemic. *Psychological Trauma, 12*(S1), S126-S127.
- Nicholls, E. M., Hermann, R. M., Giordano, N. A., & Trotta, R. L. (2021). Secondary traumatic stress among labor and delivery nurses. *MCN American Journal of Maternal-Child Nursing, 46*(1), 14-20. doi:10.1097/NMC.0000000000000674
- Richardson, N. M., Lamson, A. L., Smith, M., Eagan, S. M., Zvonkovic, A. M., & Jensen, J. (2020). Defining moral injury among military populations: A systematic review. *Journal of Traumatic Stress, 33*, 575-586. doi:10.1002/jts.22553

- Slade, P., Balling, K., Sheen, K., Goodfellow, L., Rymer, J., Spiby, H., & Weeks, A. (2020). Work-related posttraumatic stress symptoms in obstetricians and gynaecologists: Findings from INDIGO, a mixed-methods study with cross-sectional survey and in-depth interviews. *British Journal of Obstetrics & Gynaecology*, *127*, 600-608. doi:10.1111/1471-0528.16076
- Soderquist, I., Wijma, B., Thorbert, G., & Wijma, K. (2009). Risk factors in pregnancy for post-traumatic stress and depression after childbirth. *British Journal of Obstetrics & Gynecology*, *116*, 672-680.
- Stramrood, C. A., Paarlberg, K. M., Velt, E. M. H. I. T., Berger, L. W. A. R., Vingerhoets, A. J. J. M., Schultz, W. C. M. W., & Van Pampus, M. G. (2011). Posttraumatic stress following childbirth in homelike- and hospital settings. *Journal of Psychosomatic Obstetrics & Gynecology*, *32*(2), 88-97.
- Wahlberg, A., Sachs, M. A., Johansson, K., Hallberg, G., Jonsson, M., Svanberg, A. S., & Hogberg, U. (2017). Posttraumatic stress symptoms in Swedish obstetricians and midwives after severe obstetric events: A cross-sectional retrospective survey. *British Journal of Obstetrics & Gynaecology*, *124*, 1264-1271. doi:10.1111/1471-0528.14259
- Williams, C. L., & Berenbaum, H. (2019). Acts of omission, altered worldviews, and psychological problems among military veterans. *Psychological Trauma*, *11*(4), 391-395.