**Supporting Literature on SNOO Smart Sleeper**

**SNOO Smart Sleeper is a responsive bassinet that calms fussy infants and improves sleep using womb-like sensations and safe swaddling that secures babies in a supine position.**

Gellasch, P. (2022, September 14-17). New Technologies to Support Nurses During the Pandemic: Can a Responsive Bassinet Reduce Nursing Burden and Improve Clinician Experience? [Conference Poster]. National Association of Neonatal Nurses Conference, Las Vegas, NV, United States.

Gellasch, P., Johnson, S., Walsh, T.A. (2023). The Experiences and Perceptions of Neonatal Clinicians When Using a Responsive Bassinet. *Advances in Neonatal Care,* 23(4):E88-E95, [doi:10.1097/ANC.0000000000001086](https://journals.lww.com/advancesinneonatalcare/fulltext/2023/08000/the_experiences_and_perceptions_of_neonatal.15.aspx).

Gellasch, P., Walsh, T.A., & Geiger, S. (2023). A Descriptive Evaluation of Time Savings and Work Experience Among Neonatal Clinicians When Using a Responsive Bassinet. *Journal of Neonatal Nursing*, April 2023; [doi:10.1016/j.jnn.2023.03.001](https://www.sciencedirect.com/science/article/pii/S1355184123000455).

Jensen, R. & Cochran, J. (2020, September 22-23). Grandparents Use of a Responsive Bassinette (SNOO) As in Home Care for an Infant with Neonatal Abstinence Syndrome: A Case Series [Conference Poster]. West Virginia Clinical & Translational Science Institute Conference, Morgantown, WV, United States.

Karp, H. & Balasubramanian, S. (2022, March 11-16). A Comparison of SIDS/SUID Behavioral Risk Among Users of a Responsive Bassinet [Conference Poster Abstract]. 16th World Sleep Congress, Rome, Italy. *Sleep Medicine,* 2022;100(S1):S191. <https://worldsleepcongress.com/wp-content/uploads/2022/07/WS22_Abstract-supplement_final.pdf>

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Luo, S. & Pariser-Schmidt, M. (2023, June 26-27). NICU Nurse Experiences and Perceived Time Savings Using SNOO in the Care of Infants with Neonatal Abstinence Syndrome [Conference Poster]. Texas HHS & UT Health NAS Symposium, San Antonio, TX, United States.

Lysaught, S., Erickson, L., Marshall, J.A., & Feldman, K. (2023). SSSH: Responsive Soothing Bassinet Feasibility Study for Infants with Congenital Heart Disease After Cardiac Surgery. *Journal of Pediatric Nursing.* August 2023; [doi:10.1016/j.pedn.2023.07.022](https://pubmed.ncbi.nlm.nih.gov/37598095/).

Lysaught, S., Erickson, L., Marshall, J.A., & Feldman, K. (2022). The Sssh’s: Snoo Smart Sleeper Use in Post-Operative Infants with Congenital Heart Disease[Poster]*.* Research at Children's Mercy Month 2022, Kansas City, MO, United States. <https://scholarlyexchange.childrensmercy.org/research_month2022/8>.

Möller, E., De Vente, W., & Rodenburg, R. (2019). Infant Crying and the Calming Response: Parental Versus Mechanical Soothing Using Swaddling, Sound, And Movement. *PLoS ONE,* 14(4): e0214548. [doi:10.1371/journal.pone.0214548](https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0214548).

Okun, M., Feliciano, L., Karp, H., & Lindsay, K. (2021). 759 Sleep and Mental Health in New Mothers with a History of Depression: Preliminary Data from Late Pregnancy to 1-month Postpartum [Abstract]. *SLEEP*, May 2021, 44(S2):A296, [doi:10.1093/sleep/zsab072.756](https://academic.oup.com/sleep/article/44/Supplement_2/A296/6260820).

Okun, M., Karp, H., & Balasubramanian, S. (2020). 0978 Snoo: A Wellness Device to Improve Infant Sleep [Abstract]. *SLEEP*, April 2020, 43(S1):A371-A372, [doi:10.1093/sleep/zsaa056.974](https://academic.oup.com/sleep/article/43/Supplement_1/A371/5846836?login=false).

Pariser-Schmidt, M., & Chwa, J. (2023, September 20-22). Project August: Impact of a Responsive Bassinet with Eat, Sleep, Console on Neonatal Abstinence Syndrome Outcomes [Presentation]. CityMatCH Maternal and Child Health Leadership Conference, New Orleans, LA, United States.

Ponder, K.L., Egesdal, C., Kuller, J., & Joe, P. (2021). Project Console: A Quality Improvement Initiative for Neonatal Abstinence Syndrome in a Children’s Hospital Level IV Neonatal Intensive Care Unit. *BMJ Open Quality*, May 2021;10(2):e001079. [doi:10.1136/bmjoq-2020-001079](https://pubmed.ncbi.nlm.nih.gov/33941537/).

Quin, N., Tikotzky, L., Astbury, L., Stafford, L., Fisher, J., Wiley, J., & Bei, B. (2022). 0474 Three-arm Randomised Controlled Trial of Cognitive Behavioural Therapy for Insomnia, a Responsive Bassinet, and Sleep Hygiene for Preventing Postpartum Insomnia: Preliminary Findings on Maternal Insomnia and Sleep Outcomes [Abstract]. *SLEEP*, June 2022, 45(S1):A210, [doi:10.1093/sleep/zsac079.471](https://academic.oup.com/sleep/article/45/Supplement_1/A210/6592936).

Quin, N., Tikotzky, L., Stafford, L., Fisher, J., & Bei, B. (2022). Preventing Postpartum Insomnia by Targeting Maternal Versus Infant Sleep: A Protocol for a Randomized Controlled Trial (The Study for Mother- Infant Sleep “SMILE”). *Sleep Advances*, 3(1), [doi:10.1093/sleepadvances/zpab020](https://academic.oup.com/sleepadvances/article/3/1/zpab020/6521559).

Romano, D. & Katz, D. (2021, July 7-11). Case Study: Use of a Responsive Bassinet to Improve Sleep Outcomes Among New Parent Clinicians During COVID-19 [Conference Poster]. Postpartum Support International 34th Annual Conference, Virtual.

Singh, J.K. & Menahem, S. (2023). The five "S's" and the "SNOO" Smart Sleeper-non-pharmacological interventions (NPI) to promote sleep and reduce crying of infants: a scoping review. *Transl Pediatr*, 2023 Aug 30;12(8):1527-1539. [doi:10.21037/tp-23-42](https://tp.amegroups.org/article/view/116476/html).

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**Supporting Literature on the 5 S’s**

**The 5 S's (Swaddling, Side/stomach positioning, Shushing, Swinging, Sucking) is a framework of techniques to soothe babies and promote sleep by imitating womb-like sensations.**

Anzman-Frasca, S., Paul, I.M., Moding, K.J., Savage, J. S., Hohman, E.E., & Birch, L.L. (2018). Effects of the INSIGHT Obesity Preventive Intervention on Reported and Observed Infant Temperament. *J Dev Behav Pediatr*, 2018 Dec;39(9):736-743. [doi:10.1097/DBP.0000000000000597](https://pubmed.ncbi.nlm.nih.gov/29927795/).

Anzman-Frasca, S., Stifter, C.A., Paul, I.M., & Birch, L.L. (2014). Negative Temperament as a Moderator of Intervention Effects in Infancy: Testing a Differential Susceptibility Model. *Prev Sci*, 2014 15:643-653. [doi:10.1007/s11121-013-0408-4](https://pubmed.ncbi.nlm.nih.gov/23832637/).

Botha, E., Helminen, M., Kaunonen, M., Lubbe, W., & Joronen, K. (2020). The Effects of an Infant Calming Intervention on Mothers' Parenting Self-Efficacy and Satisfaction During the Postpartum Period: A Randomized Controlled Trial. *Journal of Perinatal & Neonatal Nursing*, Oct/Dec 2020;34(4):300-310, [doi:10.1097/JPN.0000000000000510](https://pubmed.ncbi.nlm.nih.gov/33079803/).

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Lavner, J.A., Hohman, E.E., Beach, S.R.H., Stansfield, B.K., & Savage, J.S. (2023). Effects of a Responsive Parenting Intervention Among Black Families on Infant Sleep. *JAMA Network Open, 6(3)*. [doi:10.1001/jamanetworkopen.2023.6276](https://doi.org/10.1001/jamanetworkopen.2023.6276).

Martiningsih, W. & Setijaningsih, T. (2015). The Effect of Physical Intervention 5's (Swaddling, Side-Stomach, Shushing, Swinging, Sucking) Toward Pain and The Duration of Crying in Infants with DPT Immunization. *Malaysian Journal of Nursing*, 7(1):38-42. <https://ejournal.lucp.net/index.php/mjn/article/view/519/487>.

Parga, J., Bhatt, R., Kesavan, K., Sim, M. S., Karp, H., Harper, R., & Zeltzer, L. (2017). A Prospective Observational Cohort Study of Exposure to Womb-Like Sounds to Stabilize Breathing and Cardiovascular Patterns in Preterm Neonates. *The Journal of Maternal-Fetal & Neonatal Medicine,* 31:17,2245-2251, [doi:10.1080/14767058.2017.1339269](https://www.tandfonline.com/doi/full/10.1080/14767058.2017.1339269).

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