

**Title:**

SPECIAL SESSION AND LIVE Q&A: Oral Breast Milk Combined with Sensory Interventions Relieve Preterm Infant Pain During Short Painful Procedures

**Keywords:**

oral breast milk, facilitated tucking, non-nutritive sucking and pain,

**Description/Overview:**

Oral presentation using PPTs to introduce my significant studies. Show some photos and video recordings to emphasize the benefit of natural breast milk in relieving pain in preterm infants.

**References:**

- Altimier, L., & Phillips, R. (2016). The neonatal integrative developmental care model: Advanced clinical applications of the seven core measures for neuroprotective family-centered developmental care. *Newborn and Infant Nursing Reviews*, 16(4), 230-244. <https://doi.org/10.1053/j.nainr.2016.09.030>
- Bembich, S., Cont, G., Causin, E., Paviotti, G., Marzari, P., & Demarini, S. (2018). Infant analgesia with a combination of breast milk, glucose, or maternal holding. *Pediatrics*, 142(3). <https://doi.org/10.1542/peds.2017-3416>
- Collados-Gómez, L., Ferrera-Camacho, P., Fernandez-Serrano, E., Camacho-Vicente, V., Flores-Herrero, C., García-Pozo, A. M., & Jiménez-García, R. (2018). Randomised crossover trial showed that using breast milk or sucrose provided the same analgesic effect in preterm infants of at least 28 weeks. *Acta Paediatrica*, 107(3), 436-441. <https://doi.org/10.1111/apa.14151>
- Gao, H., Li, M., Gao, H., Xu, G., Li, F., Zhou, J., . . . Jiang, H. (2018). Effect of non-nutritive sucking and sucrose alone and in combination for repeated procedural pain in preterm infants: A randomized controlled trial. *International Journal of Nursing Studies*, 83, 25-33. <https://doi.org/10.1016/j.ijnurstu.2018.04.006>
- Peng, H. F., Yin, T., Yang, L., Wang, C., Chang, Y. C., Jeng, M. J., & Liaw, J. J. (2018). Non-nutritive sucking, oral breast milk, and facilitated tucking relieve preterm infant pain during heel-stick procedures: A prospective, randomized controlled trial. *International Journal of Nursing Studies*, 77, 162-170. <https://doi.org/10.1016/j.ijnurstu.2017.10.001>

**Organizer**

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2012/08-2018/10, Professor and Head of the Nursing Department National Defense Medical Center, Taiwan. 2017/02~ President of the Honor Society of Nursing, Sigma Theta Tau International, Lambda Beta-at-Large Chapter in Taiwan, R.O.C. Specialties are Neonatal & Pediatric Critical Care Nursing, Non-pharmacological Interventions in relieving pain in preterm infants, Infant behavior and sleep states, End-of-life Family Nursing Care, and Interventions in relieving pregnant women's stress.