

Independent Peer Reviewed Published Studies Supporting the Accuracy of the TAT-2000C in the NICU

1. **NICU** - Haddad, L., Smith, S., Phillips, K.D., and Heidel, R.E. (2012). Comparison of temporal artery and axillary temperatures in healthy newborns. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 41, 383-388; doi: 10.1111/j.1552-6909.2012.01367.x
2. **NICU** - Chiu SH, Anderson GC, Burkhammer MD (University of Akron/Case Western Reserve University). Newborn temperature during skin-to-skin breastfeeding in couples having breastfeeding difficulties. *Birth*. 2005 Jun;32(2):115-21.
3. **NICU** - Hargreaves L. (2017) Toolkit for implementation of temporal artery thermometers for neonates. ProQuest Number 10603156, Published by ProQuest LLC (2017)
4. **NICU** - Gunawan M, Soetjningsih I (Udayana University, Sanglah Hospital, Denpasar, Indonesia). Comparison of the accuracy of body temperature measurements with temporal artery thermometer and axillary mercury thermometer in term newborns. *Paediatr Indones*, Vol. 50, No. 2, March 2010.
5. **NICU** - Burdjalov VF, Combs A, Nachman S, Baumgart S (SUNY at Stony Brook). Non-Invasive infrared temperature assessment of the temporal artery for core temperature determination in premature neonates, Presented American Pediatric Society and the Society for Pediatric Research, May 1, 2001.
6. **NICU** - Lee G, Flannery-Bergey D, Randall-Rollins K, Curry D, Rowe S, Teague M, Tuininga C, Schroeder S (Exempla Lutheran Medical Center). Accuracy of temporal artery thermometry in neonatal intensive care infants. *Advances in Neonatal Care*, Vol. 11, No. 1, pp. 62-70, Feb 2011.
7. **NICU** - Rollins K, Flannery-Bergey D. Accuracy of temporal artery thermometry in neonatal intensive care unit infants. *JOGNN*, 40, S85-S119; 2011. DOI: 10.1111/j.1552-6909.2011.01243.x
8. **NICU** - Smith et al. Comparison of axillary and temporal artery thermometry in preterm neonates. *J Obstet Gynecol Neonatal Nurs*. 2018 Apr 3. pii: S0884-2175(18)30052-2. doi: 10.1016/j.jogn.2018.02.013. [Epub ahead of print]

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Exergen TemporalScanner TAT-2000C in the NICU

Part Number: 140033



Please Open Me First

A Unique Gift for the Parents of Your Tiny NICU Patient

- The TAT is intended for exclusive use on one infant throughout that infant's stay in the NICU, and then given to the parents on discharge.
- After removing the TAT from the Information Packet, remove the clear storage cap, return to the Packet, and retain the Packet to provide to the parents on discharge.

In the NICU

- The TAT should remain in the isolette/radiant warmer with the baby.
- Before the first use, disinfect with 70% isopropyl alcohol, and allow the TAT to equilibrate to the temperature in the isolette or radiant warmer for about 20 minutes. From then on, it is ready for use at any time on the same baby.
- Being dedicated to one baby, there is no need to disinfect the thermometer between uses

On Discharge

The TAT and Information Packet should be given to the parents to take home.

- Return the TAT-2000C (and the User's Manual if removed) to the plastic bag Information Packet when you give it to the parents.

Exergen TemporalScanner Thermometer in the NICU Accuracy Confirmed by 8 Peer-Reviewed Published Studies



Using the TAT-2000C in 4 Easy Steps

1. Gently touch probe to center of forehead
2. Depress blue button, keep button depressed
3. Gently slide probe in a horizontal line just above the eyebrow to the hairline
4. Release button, remove from forehead, and record the temperature

Important Points

- The TAT needs to equilibrate to the infant's environment. Prior to initial use, place TAT in isolette or warmer for 20 minutes
- TAT is meant to remain with the infant while in the NICU
- No covers or wipes are needed as the TAT is dedicated to one infant
- Measurement site must be exposed



Isolette

In this case, push hat up from forehead for about 10 seconds to allow heat to dissipate.



Warmer

In this case, just touch exposed area on the neck behind earlobe, press & release button.



See reverse side for clinical studies