

# Low Air Loss as a treatment for Neonatal Abstinence Syndrome (NAS)

The opioid crisis continues to grab headlines, including use by expectant mothers. The result is a spike in newborns with Neonatal Abstinence Syndrome, or NAS—when a baby is exposed to opioids while in the womb, and then suffers severe withdrawal after birth. In 2012, nearly 22,000 infants were born with NAS in the United States, a five-fold increase from just 12 years prior.<sup>1,2</sup>

Babies with NAS often experience numerous complications and usually have longer lengths of stay. Symptoms may include pain, muscle cramps, tremors, diarrhea, vomiting, sleep problems, and seizures. NAS is not life threatening and can be treated with small doses of morphine.<sup>3</sup>

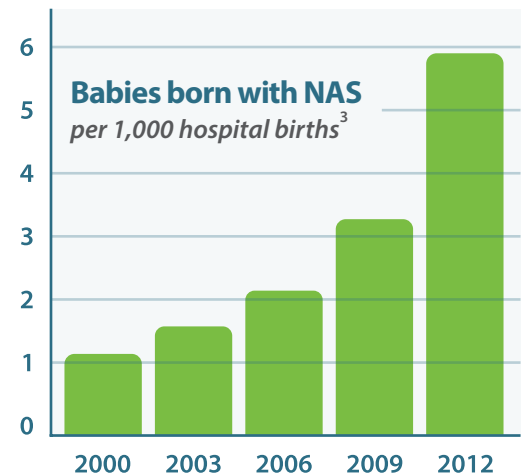
Nonpharmacological treatments often focus on creating a gentle, soothing environment to help calm the infant.<sup>1,4,5</sup> One Magnet-designated children's hospital in West Virginia observed improved sleep patterns along with improved NAS scores by integrating Sizewise Pediatric Pulse™ low air loss surfaces into their protocol.<sup>6</sup>

Pediatric Pulse offers the soothing comfort of pulsation along with a vapor-permeable, low-friction, and anti-shear top cover. The mattress replacement provides pressure injury treatment and prevention—a sound choice for your tiniest patients as they endure longer lengths of stay.



*Pediatric Pulse*

**Learn more: Call 800-814-9389**  
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Source: Centers for Disease Control and Prevention  
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## References

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