

INOMAX® (nitric oxide) gas, for inhalation Reference Bibliography

This bibliography contains verifiable peer-reviewed manuscripts and abstracts on the use of INOmax in term and near-term (>34 weeks gestation) neonates with hypoxic respiratory failure associated with clinical or echocardiographic evidence of pulmonary hypertension. Human studies, health economic and outcomes analyses (HEOR), reports and guidelines are included and, where available, links to PubMed are provided.

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Prospective Studies

1. Inhaled nitric oxide in full-term and nearly full-term infants with hypoxic respiratory failure. The Neonatal Inhaled Nitric Oxide Study Group. *N Engl J Med*. 1997;336(9):597-604. [Link](#).
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3. Barefield ES, Karle VA, Phillips JB 3rd, Carlo WA. Inhaled nitric oxide in term infants with hypoxemic respiratory failure. *J Pediatr*. 1996;129(2):279-86. [Link](#).
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5. Clark RH, Kueser TJ, Walker MW, et al. Low-dose nitric oxide therapy for persistent pulmonary hypertension of the newborn. Clinical Inhaled Nitric Oxide Research Group. *N Engl J Med*. 2000;342(7):469-74. [Link](#).
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9. Fakioglu H, Totapally BR, Torbati D, Raszynski A, Sussmane JB, Wolfsdorf J. Hypoxic respiratory failure in term newborns: Clinical indicators for inhaled nitric oxide and extracorporeal membrane oxygenation therapy. *J Crit Care*. 2005;20(3):288-293. [Link](#).
10. Khan F, Moya F, Khan AM. The relationship between thromboxane and prostacyclin levels and response to inhaled nitric oxide therapy in neonates with hypoxemic respiratory failure: A pilot study.[WSMRF abstract 410]. *J Invest Med*. 2005;53(1):S326.
11. Kinsella JP, Neish SR, Shaffer E, Abman SH. Low-dose inhalation nitric oxide in persistent pulmonary hypertension of the newborn. *Lancet*. 1992;340(8823):819-20. [Link](#).
12. Konduri GG, Solimano A, Sokol GM, et al. A randomized trial of early versus standard inhaled nitric oxide therapy in term and near-term newborn infants with hypoxic respiratory failure. *Pediatrics*. 2004;113(3):559-64. [Link](#).
13. Roberts JD, Polaner DM, Lang P, Zapol WM. Inhaled nitric oxide in persistent pulmonary hypertension of the newborn. *Lancet*. 1992;340(8823):818-9. [Link](#).
14. Tworetzky W, Bristow J, Moore P, et al. Inhaled nitric oxide in neonates with persistent pulmonary hypertension. *Lancet*. 2001;357(9250):118-20. [Link](#).

Retrospective Studies

15. Coates EW, Klinepeter ME, O'Shea TM. Neonatal pulmonary hypertension treated with inhaled nitric oxide and high-frequency ventilation. *Journal of Perinatology*. 2008;28(10):675-9. [Link](#).
16. Golombek SG, Young JN. Efficacy of inhaled nitric oxide for hypoxic respiratory failure in term and late preterm infants by baseline severity of illness: A pooled analysis of three clinical trials. *Clin Ther*. 2010;32(5):939-48. [Link](#).
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Case Reports

21. Kelly LK, Porta NF, Goodman DM, Carroll CL, Steinhorn RH. Inhaled prostacyclin for term infants with persistent pulmonary hypertension refractory to inhaled nitric oxide. *J Pediatr*. 2002;141(6):830-2. [Link](#).

Outside of United States Studies

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27. Ichiba H, Matsunami S, Itoh F, Ueda T, Ohsasa Y, Yamano T. Three-year follow up of term and near-term infants treated with inhaled nitric oxide. *Pediatrics International*. 2003;45(3):290-3. [Link](#).
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30. Rhine WD, Suzuki S, Potenziano JL, Escalante S, Togari H. Efficacy of inhaled nitric oxide in neonates with hypoxic respiratory failure and pulmonary hypertension: an analysis of time to improvement in oxygenation in Japanese pediatric patients [ICCN abstract A022]. *Am J Perinatol*. 2018;35(suppl 1):A022.
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Cost Effectiveness Studies

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38. Lonnqvist PA. Efficacy and economy of inhaled nitric oxide in neonates accepted for extra-corporeal membrane oxygenation. *Acta Physiol Scand.* 1999;167(2):175-9. [Link](#).
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Neurodevelopmental Follow-up Studies

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Guidelines

44. DiBlasi RM, Myers TR, Hess DR. Evidence-based clinical practice guideline: Inhaled nitric oxide for neonates with acute hypoxic respiratory failure. *Respir Care.* 2010;55(12):1717-1745. [Link](#).
45. Lemons JA, Blackmon LR, Kanto WP, et al. Use of inhaled nitric oxide. *Pediatrics.* 2000;106(2):344-345.
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There is a vast body of clinical data in the peer-reviewed literature regarding the therapeutic use of inhaled nitric oxide. For more information, please contact our Medical Information Group by phone at 800.778.7898, by fax at 314.654.3755, or by email at medinfo@mnk.com