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Project iNO (Switch) User ritu.sharma (My Settings)

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Refid: 12, Skateboards: Are they really perilous? A retrospective study from a district hospital.
Rethnam U, Yesupalan RS, Sinha A.

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Full Article Screening

Does this apply to any of the key questions?
Answer below: reason for exclusion OR applicable Key Questions

<p>KEY QUESTIONS</p> <p>1: Does inhaled nitric oxide (iNO) therapy increase survival and/or reduce the occurrence or severity of bronchopulmonary dysplasia (BPD) among premature infants who receive respiratory support?</p> <p>2: Are there short-term risks of iNO therapy among premature infants who receive respiratory support?</p> <p>3: Are there effects of iNO therapy on long-term pulmonary and/or neurodevelopmental outcomes among premature infants who receive respiratory support?</p> <p>4: Does the effect of iNO therapy on BPD and/or death or neurodevelopmental impairment vary across subpopulations of premature infants?</p> <p>5: Does the effect of iNO therapy on BPD and/or death or neurodevelopmental impairment vary by timing of initiation, mode of delivery, dose and duration, or concurrent (prostaglandin, phosphodiesterase inhibitors, ductal inhibitors, systemic steroids, surfactant, and vitamin A) therapies?</p>	<p>1. YES</p> <p>Inclusion criteria: Article should apply to at least one of the key questions (Choose all that apply):</p> <p><input type="checkbox"/> Key Question 1 (MUST be an RCT)</p> <p><input type="checkbox"/> Key Question 2 (MUST be an RCT)</p> <p><input type="checkbox"/> Key Question 3</p> <p><input type="checkbox"/> Key Question 4</p> <p><input type="checkbox"/> Key Question 5</p> <p><input type="checkbox"/> If this APPLICABLE article is a subanalysis of a larger study identify study by ref. ID or full citation</p>
<p>2. NO</p> <p>Exclusion Criteria (choose ONE)</p> <p><input type="radio"/> No original data (e.g., commentary or review)</p> <p><input type="radio"/> No human data included</p> <p><input type="radio"/> Not written in English and cannot determine eligibility</p> <p><input type="radio"/> Article does not include infants born at less than 34 weeks gestation</p> <p><input type="radio"/> Article does not include pre-term infants who required respiratory support</p> <p><input type="radio"/> Article does not include pre-term infants who were treated with inhaled nitric oxide</p> <p><input type="radio"/> Article does not address any of the Key Questions</p> <p><input type="radio"/> Article address Key Question 1 or 2 ONLY and is not a randomized controlled trial</p> <p><input type="radio"/> Article should be excluded for other reasons</p> <p><input type="radio"/> No abstractable data</p> <p>Clear Response</p>	<p>3. NO</p> <p>Does not apply to any of the Key Questions, but is an "Article of interest" relevant review, etc.</p> <p><i>you MUST identify the reason for exclusion in the cell to the left</i></p> <p><input type="checkbox"/> Article of interest—pull for reference scanning</p> <p><input type="checkbox"/> Article of interest—pull for background</p>

EXCLUSION NOTES

EXCLUDE: ALL letters to the editor

EXCLUDE: ALL articles on near-miss ECMO (ECMO is not used in our group of infants)

EXCLUDE: ALL articles on iNO use POST-cardiac surgery. If there is an article on iNO pre-cardiac surgery we may want to look at it.

D HERNIA: Studies on diaphragmatic hernia—read carefully and err on the side of caution. This is a subgroup of infants we may be very interested in.

NO ORIGINAL DATA: If an article is a review or meta-analysis, please make a note in the comments if you think it is of interest. We will pull it and review references, etc.

ALL articles in the journal, "Pediatric Clinics of North America" are reviews.

OTHER NOTES:

Case Reports: we are NOT excluding case reports solely based on study design.

Letters to the editor: after discussion with Karen and the Sr. Team members, we decided to change our initial blanket exclusion criteria for letters for the following reasons: as in case reports we are not excluding articles based solely on study design (or publication type), in some instances, there is usable data in a letter.

iNO use in transport: There are some articles that discuss iNO use in transport in critically ill patients—read the abstract/article carefully. We may need to include these—err on the side of caution.

Short term outcomes: There are some articles addressing only short-term outcomes—EXCEPT for length of time on O2, length of time on ventilator, and death.

PMA: A lot of studies have study groups including patients <34 weeks PMA, but these subjects are mixed in with patients of other ages that do not fall within our criteria—if the data on patients < 34 weeks OPMA is not stratified, we cannot use the study. **NOTE: LOOK at the study not just the tables to make sure that there is not some stratified data we can use.**

If a team member has a specific interest in a short-term outcome of iNO and notices some papers they are interested in, they can keep a log of the articles and the core team will gather these articles when time allows for the individual team member's use.

4. Comment

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Done

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