# Article information:

Inhaled nitric oxide in preterm infants: a systematic review and individual patient data meta-analysis - PubMed
<https://pubmed.heyworld.top/20331899/>

# Article summary:

1. Inhaled Nitric Oxide (iNO) has been studied as a therapy for pulmonary hypertension and hypoxic respiratory failure in preterm infants requiring assisted ventilation.

2. The results of previous studies on the use of iNO in preterm infants have been conflicting, with some showing a reduction in death or chronic lung disease (CLD) and others showing no significant benefit.

3. The Meta-Analysis of Preterm Patients on inhaled Nitric Oxide (MAPPiNO) Collaboration will perform an individual patient data meta-analysis to determine the extent to which patient or treatment characteristics may explain the results and/or may predict benefit from iNO in preterm infants. Thirteen trials with a total of 3567 infants are eligible for inclusion, and data analysis is expected to commence in late 2009 with results being publicly available in 2010.

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

该文章是一篇关于使用吸入一氧化氮治疗早产儿的系统性综述和个体患者数据荟萃分析。文章提到了之前的Cochrane综述，但并没有提及其他可能存在的相关研究或文献，这可能导致了信息偏差。此外，文章中提到了不同试验结果之间的冲突，但并没有对这些冲突进行深入探讨或解释。

文章还提到了一个名为MAPPiNO的合作组织，该组织将进行个体患者数据荟萃分析。然而，文章并未说明如何选择参与该分析的试验，并且也没有明确说明是否有任何潜在利益冲突或其他偏见问题。

此外，在文章中也没有涉及到可能存在的风险或副作用，这可能会导致读者对治疗方法的安全性和有效性产生误解。

总之，虽然该文章提供了一些有用的信息和背景知识，但它也存在着信息偏差、片面报道、缺失考虑点等问题。因此，在阅读和使用该文章时需要谨慎，并结合其他相关文献进行评估和判断。

# Topics for further research:

* Other relevant studies or literature
* Conflicting trial results and their implications
* Selection criteria for MAPPiNO analysis and potential biases
* Risks and side effects of inhaled nitric oxide therapy
* Information bias and one-sided reporting
* Consideration of other factors in evaluating the treatment method

# Report location:

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