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Inhaled Nitric Oxide in Preterm Infants: Evidence Report/Technology Assessment Number 195 (Paperback)

By U S Department of Heal Human Services, Agency for Healthcare Resea And Quality

Createspace, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Neonatal lung disease is the most common complication of preterm delivery, and results in significant morbidity and mortality. Preterm infants suffer from both acute and chronic respiratory failure as a result of anatomic and biochemical disruption of lung function, lung inflammation and oxidative stress, nutritional deficiencies, and arrest of tracheobronchial and pulmonary vascular growth. Treatment for acute respiratory failure often contributes to evolving bronchopulmonary dysplasia (BPD) and chronic respiratory failure, due to barotrauma and oxygen toxicity from prolonged respiratory support, deficient nutrition, as well as immaturity of lung growth, vascular development and immunologic defenses. Pulmonary hypertension may occur in association with acute and/or chronic respiratory failure. Multiple etiologies make finding an effective treatment for respiratory failure in preterm infants challenging. Disorders related to prematurity and respiratory distress are among the leading causes of infant mortality in the U.S. Treatment options for respiratory failure in preterm infants include a variety of modalities. Prenatal steroids, antibiotics, exogenous surfactant replacement, tidal volume ventilation, conventional ventilation, continuous positive airway pressure, high flow oxygen administration, and high frequency ventilation are all used as therapeutic modalities. Treatment of...



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Reviews

This book is really gripping and fascinating. Of course, it is actually play, nonetheless an interesting and amazing literature. You will not feel monotony at anytime of the time (that's what catalogs are for about if you request me).

-- **Delbert Gleason**

Just no terms to describe. This is for those who statte that there was not a worth studying. I am just easily can get a enjoyment of studying a written ebook.

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