

Specialist neonatal respiratory care in preterm babies – Review Questions

Final

1.	Early respiratory management
1.1	What respiratory support (excluding resuscitation) is the most effective for preterm babies before admission to the neonatal unit?
2.	Diagnosing respiratory disorders
2.1	What are the risk factors for bronchopulmonary dysplasia in preterm babies?
3.	Preventing and managing respiratory disorders
3.1	What is the most effective way to administer oxygen during respiratory support?
3.2	What is the effectiveness and safety of the different assisted ventilation techniques in preterm babies?
3.3	What is the most effective way of using surfactant in managing respiratory distress syndrome?
3.4	What is the effectiveness of corticosteroids in preterm babies requiring respiratory support?
3.5	What is the effectiveness of diuretics in preterm babies on respiratory support?
3.6	What is the effectiveness of caffeine in preterm babies requiring respiratory support?
3.7	What is the effectiveness of nitric oxide in preterm babies requiring invasive ventilation?
3.8	What is the effectiveness of interventions for the closing a patent ductus arteriosus in preterm babies requiring respiratory support?
4.	Monitoring

4.1	What oxygen levels are optimal in the management of preterm babies?
4.2	What is the best method for measuring oxygen levels in diagnosing hyperoxia or hypoxia in preterm babies?
4.3	What carbon dioxide levels are optimal in the management of preterm babies?
4.4	What blood pressure monitoring strategies are associated with improved outcomes in preterm babies requiring respiratory support?
5.	Sedation and analgesia
5.1	What is the effectiveness of morphine during respiratory support?
5.2	What is the effectiveness of using pre-medication for intubation in preterm babies?
6.	Involving and supporting parents and carers
6.1	What parent and carer involvement is effective in the care of preterm babies who are receiving respiratory support?
6.2	What support is valued by parents and carers of preterm babies requiring respiratory support?
6.3	What information, and in what format, is valued by parents and carers of preterm babies who are receiving respiratory support on the neonatal unit?
7.	Discharge planning
7.1	What factors are important when planning for the safe transition from the neonatal unit of a baby born preterm, requiring respiratory support?
7.2	What are the support and information needs of parents and carers of preterm babies who are transitioning from the neonatal unit while receiving ongoing respiratory support?

TOTAL – 21 questions