
Neonatal Medicine

David Bouchier

Outline

- Overview of Outcomes
 - Immunisation
 - Vit K
 - Jaundice
 - Feeding
 - Metabolic screening programme
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Prematurity



Outcome of Preterm delivery

- 2007 65,602 livebirths
 - ~10% deliveries <37wk gestation
 - Approx 700 infants born <32wks gest
 - 90% survived
 - 13% had disability at 2yrs
 - Cerebral palsy
 - Hearing or visual impairment
 - Developmental delay
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Immunisation

- Same schedule for preterm and term
 - No delay in starting
 - Increased incidence of apnoea and fever
 - Home O2: RSV immunoglobulin
 - Influenza Vacc. Not <6mths
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Vit K

- Recommended
 - IMI or Oral(3 doses)
- No association with malignancy

Jaundice



Jaundice

- Common, especially amongst breast fed infants
 - Breast feeding related. Early, reduced intake
 - Breast milk jaundice. Late, unconjugated
 - Normal Thyroid function
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Feeding

- Prems: Poor coordination, Breathless
 - Tube, spoon, special bottle/teats
 - Lactation consultants, SLT
 - Special formulae
 - ❑ Malabsorption
 - ❑ Higher calorie content
 - ❑ Increased mineral content
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Haberman bottle



Metabolic Screening

- 48-72hrs
 - 28 conditions screened for
 - 1 in 50 need repeat test
 - 45 infants diagnosed each year
 - Early treatment important
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The End

