Prevention of ventilator induced lung injury in preterm infants with respiratory distress syndrome: PreVILIG
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CHAPTER 1: Introduction

CHAPTER 2: Aggregate data meta-analyses of randomized controlled trials comparing high-frequency oscillatory ventilation with conventional ventilation in preterm infants with respiratory failure.

2A Meta-analysis of elective high frequency ventilation in preterm infants with respiratory distress syndrome
Published as: Cools F, Offringa M: Meta-analysis of elective high frequency ventilation in preterm infants with respiratory distress syndrome. *Arch Dis Child Fetal Neonatal Ed* 1999; 80:F15-F20

2B Elective high frequency oscillatory ventilation versus conventional ventilation for acute pulmonary dysfunction in preterm infants: a systematic review of randomized controlled trials (abstract update Cochrane review 2000)

2C Elective high frequency oscillatory ventilation versus conventional ventilation for acute pulmonary dysfunction in preterm infants: a systematic review of randomized controlled trials (update Cochrane review 2009)

CHAPTER 3 Trial-level and patient-level factors in high-frequency ventilation trials in premature infants modify the observed treatment effect: current meta-analyses revisited
Submitted as: Cools F, Askie LM, Offringa M: Trial-level and patient-level factors in high-frequency ventilation trials in premature infants modify the observed treatment effect: current meta-analyses revisited

CHAPTER 4 Elective high-frequency oscillatory ventilation in preterm infants with respiratory distress syndrome: a protocol for an individual patient data meta-analysis.
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frequency oscillatory ventilation in preterm infants with respiratory distress syndrome: an individual patient data meta-analysis. BMC Pediatrics 2009; 9:33

CHAPTER 5 Elective high-frequency oscillatory ventilation versus conventional ventilation in preterm infants: results of a meta-analysis of individual patient data.


CHAPTER 6 Variation in ventilation strategies within and among clinical trials of elective high-frequency oscillatory ventilation in preterm infants: analysis based on individual patient data.


CHAPTER 7 Neuromuscular paralysis for newborn infants receiving mechanical ventilation: a systematic review of randomized controlled trials (update Cochrane review 2009).


CHAPTER 8 General discussion

SUMMARY

SAMENVATTING

DANKWOORD

CURRICULUM VITAE