

Neonatal infection: antibiotics for prevention and treatment

Review questions

NICE guideline

December 2020

*Commissioned by the National Institute
for Health and Care Excellence*

Disclaimer

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Local commissioners and providers have a responsibility to enable the guideline to be applied when individual health professionals and their patients or service users wish to use it. They should do so in the context of local and national priorities for funding and developing services, and in light of their duties to have due regard to the need to eliminate unlawful discrimination, to advance equality of opportunity and to reduce health inequalities. Nothing in this guideline should be interpreted in a way that would be inconsistent with compliance with those duties.

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Contents

1	Review questions	5
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1 Review questions

Review Question 1.1	<ul style="list-style-type: none"> • Which maternal and fetal risk factors for early-onset neonatal infection should be used to guide management?
Review Question 1.2	<ul style="list-style-type: none"> • Which risk factors in the baby (including symptoms and signs) should raise suspicion of early-onset infection?
Review Question 1.3	<ul style="list-style-type: none"> • What is the accuracy of clinical prediction models for early-onset neonatal infection and what is their effectiveness in guiding management in the baby?
Review Question 2.1	<ul style="list-style-type: none"> • What is the clinical and cost effectiveness of intrapartum antibiotic prophylaxis for preventing early-onset neonatal infection?
Review Question 3.1	<ul style="list-style-type: none"> • What is the clinical and cost effectiveness of immediate delivery versus expectant management for women between 34- and 37-weeks gestation with preterm prelabour prolonged rupture of membranes and vaginal or urine group B streptococcus detection during the current pregnancy to reduce the risk of neonatal infection?
Review Question 4.1	<ul style="list-style-type: none"> • What are the perceived information and support needs for parents and carers with babies with suspected or confirmed late-onset neonatal infection?
Review Question 5.1	<ul style="list-style-type: none"> • Which maternal risk factors for late-onset neonatal infection should be used to guide management?
Review Question 5.2	<ul style="list-style-type: none"> • Which risk factors in the baby (including symptoms and signs) should raise suspicion of late-onset infection?
Review Question 5.3	<ul style="list-style-type: none"> • What is the accuracy of clinical prediction models for late-onset neonatal infection and what is their effectiveness in guiding management in the baby?
Review Question 6.1	<ul style="list-style-type: none"> • What investigations should be performed before starting treatment in babies with symptoms of late-onset neonatal infection?
Review Question 7.1	<ul style="list-style-type: none"> • What is the optimal antibiotic treatment regimen for suspected late-onset neonatal infection?
Review Question 7.2	<ul style="list-style-type: none"> • What is the clinical and cost effectiveness of starting prophylactic antifungal treatment when starting antibiotic treatment for suspected late-onset neonatal infection?
Review Question 8.1	<ul style="list-style-type: none"> • What is the clinical and cost effectiveness of intravascular catheters impregnated with antibiotics in reducing the risk of the baby developing late-onset neonatal infection?