| **No.****Supplemental Digital Content 2.** Full text studies excluded (n=55), with reasons | **Author year** | **Title** | **Reason for exclusion** |
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| #1 | Sutkin 2005 | Antibiotic prophylaxis and non-group B streptococcal neonatal sepsis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #3 | Lin 2011 | The changing face of early-onset neonatal sepsis after the implementation of a maternal group B streptococcus screening and intrapartum prophylaxis policy -- a study in one medical center.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies)  |
| #4 | Chen 2017 | Changing of bloodstream infections in a medical center neonatal intensive care unit.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies)  |
| #6 | Williams 2013 | The changing profile of infant mortality from bacterial, viral and fungal infection over two decades.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies)  |
| #7 | Gilbert 2003 | Compliance with protocols for prevention of neonatal group B streptococcal sepsis: Practicalities and limitations.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #8 | Hassan 2016 | Correlation of blood culture results with the sepsis score and sepsis screen in the diagnosis of early-onset neonatal septicemia.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #9 | Hehir 2012 | Early and late preterm delivery rates – a comparison of differing. Tocolytic policies in a single urban population.  | Not about neonatal sepsis |
| #10 | Stoll 2011 | Early onset neonatal sepsis: The burden of group B streptococcal and e. Coli disease continues.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #11 | Puopolo 2005 | Early-onset group B streptococcal disease in the era of maternal screening.  | Another study based on the same population with larger sample size was included |
| #13 | Renner 2006 | Efficacy of a strategy to prevent neonatal early-onset group B streptococcal (GBS) sepsis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #14 | Cordero 2004 | Enteric gram-negative bacilli bloodstream infections: 17 years’ experience in a neonatal intensive care unit.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #15 | Konrad 2007 | Epidemiology of early-onset neonatal group B streptococcal infection implications for screening.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #16 | Schrag 2016 | Epidemiology of invasive early-onset neonatal sepsis, 2005 to 2014.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #17 | Riskin 2017 | Evaluation and management of newborns with suspected early-onset sepsis: Comparison of two approaches and suggestion for guidelines.  | No outcomes of interest |
| #18 | Van Dyke 2009 | Evaluation of universal antenatal screening for group B streptococcus.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #19 | Bauserman 2013 | group B streptococcus and Escherichia coli infections in the intensive care nursery in the era of intrapartum antibiotic prophylaxis.  | Incomplete data |
| #20 | Platt 2003 | group B streptococcus: Prevention of early-onset neonatal sepsis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #22 | Berardi 2013 | Impact of perinatal practices for early-onset group B streptococcal disease prevention.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #25 | Sinha 2003 | Intrapartum antibiotics and neonatal invasive infections caused by organisms other than group B streptococcus.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #26 | Daniels 2005 | Intrapartum tests for group B streptococcus: Accuracy and acceptability of screening.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #27 | David Cromwell 2008 | The local adaptation of national recommendations for preventing early-onset neonatal group B streptococcal disease in UK maternity units.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #28 | Hoogen 2010 | Long-term trends in the epidemiology of neonatal sepsis and antibiotic susceptibility of causative agents.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #30 | Varga 2005 | Morbidity and mortality trends in very–very low birth weight premature infants in light of recent changes in obstetric care.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #31 | Alarcon 2004 | Neonatal early onset Escherichia coli sepsis: Trends in incidence and antimicrobial resistance in the era of intrapartum antimicrobial prophylaxis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #34 | Rao 2017 | Outcome of a screening programme for the prevention of neonatal invasive early-onset group B streptococcus infection in a UK maternity unit: An observational study.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #35 | Cantoni 2013 | Physical examination instead of laboratory tests for most infants born to mothers colonized with group B streptococcus: Support for the centers for disease control and prevention's 2010 recommendations.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies)  |
| #36 | Matsubara 2007 | Procedures for prevention of perinatal group B streptococcal diseases: A multicenter questionnaire survey of hospitals in the Kyoto neonatal disease study group, japan.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #37 | Kuzniewicz 2017 | A quantitative, risk-based approach to the management of neonatal early-onset sepsis.  | Not including pregnant woman with IAP under prophylaxis strategies |
| #38 | Riley 2003 | “Real world” compliance with strategies to prevent early-onset group B streptococcal disease.  | No outcomes of interest |
| #39 | Skoog 2016 | Repeated nationwide point-prevalence surveys of antimicrobial use in Swedish hospitals: Data for actions 2003–2010.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #40 | Bjorklund 2017 | Replacing risk-based early-onset-disease prevention with intrapartum group B streptococcus PCR testing.  | Incomplete data |
| #41 | Rentz 2004 | Risk factors associated with ampicillin-resistant infection in newborns in the era of group B streptococcal prophylaxis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #42 | Daley 2004 | Ten-year study on the effect of intrapartum antibiotic prophylaxis on early onset group B streptococcal and Escherichia coli neonatal sepsis in Australasia.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #43 | McLaughlin 2000 | Universal antenatal group B streptococcus screening? The opinions of obstetricians and neonatologists within Australia.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies |
| #45 | Clifford 2011 | Variation in erythromycin and clindamycin resistance patterns between New Zealand and Australian group B streptococcus isolates | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #46 | Cordero 1999 | Bloodstream infections in a neonatal intensive‐care unit: 12 years’ experience with an antibiotic control program.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #47 | Uy 2002 | Changes in early-onset group b beta hemolytic streptococcus disease with changing recommendations for prophylaxis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #48 | Stan 2001 | Choosing a strategy to prevent neonatal early-onset group B streptococcal sepsis: Economic evaluation.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #49 | Coco 2005 | Comparison of two prevention strategies for neonatal group B streptococcal disease.  | No outcomes of interest |
| #50 | Gosling 2002 | Early-onset group B streptococcus prevention protocols in New Zealand public hospitals.  | No outcomes of interest |
| #51 | Brozanski 2000 | Effect of a screening–based prevention policy on prevalence of early-onset group B streptococcal sepsis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #52 | Jeffery 1998 | Eight-year outcome of universal screening and intrapartum antibiotics for maternal group B streptococcal carriers.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #54 | Katz 1999 | group B streptococcus: To culture or not to culture?  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #56 | Peralta-Carcelen 1996 | Impact of maternal group B streptococcal screening on pediatric management in full-term newborns.  | No outcomes of interest |
| #57 | Shah 1999 | Increasing incidence of gram-negative rod bacteremia in a newborn intensive care unit.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #58 | Levine 1999 | Intrapartum antibiotic prophylaxis increases the incidence of gram-negative neonatal sepsis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #60 | Volumenie 2001 | Neonatal group B streptococcal infection results of 33 months of universal maternal screening and antibioprophylaxis.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #61 | Rosenstein 1997 | Opportunities for prevention of perinatal group B streptococcal disease: A multistate surveillance analysis.  | Incomplete data |
| #66 | Wendel 2002 | Prevention of neonatal group B streptococcal disease: A combined intrapartum and neonatal protocol.  | Incomplete data |
| #67 | Connellan 2000 | Prevention of perinatal group B streptococcal disease: Screening practice in public hospitals in Victoria.  | No outcomes of interest |
| #68 | Poulain 1997 | Selective intrapartum anti-bioprophylaxy of group B streptococci infection of neonates: A prospective study in 2454 subsequent deliveries.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #69 | Chen 2018 | Early-onset group B streptococcal disease in a risk factor-based prevention setting/ a 15-year population-based study.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #70 | Ma 2017 | Prevention of early onset group B streptococcal disease by universal antenatal culture-based screening in all public hospitals in Hong Kong.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #71 | Khalil 2018 | Risk-based approach versus culture-based screening for identification of group B streptococci among women in labor.  | No outcomes of interest |
| #72 | Hakim 2018 | Screening Arab Israeli pregnant women for group B streptococcus by the AmpliVue GBS assay: Are the rates higher than the national average?  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |
| #73 | Berardi 2018 | Strategies for preventing early-onset sepsis and for managing neonates at-risk: Wide variability across six western countries.  | Not containing two prophylaxis strategies (risk-based and screening-based strategies) |