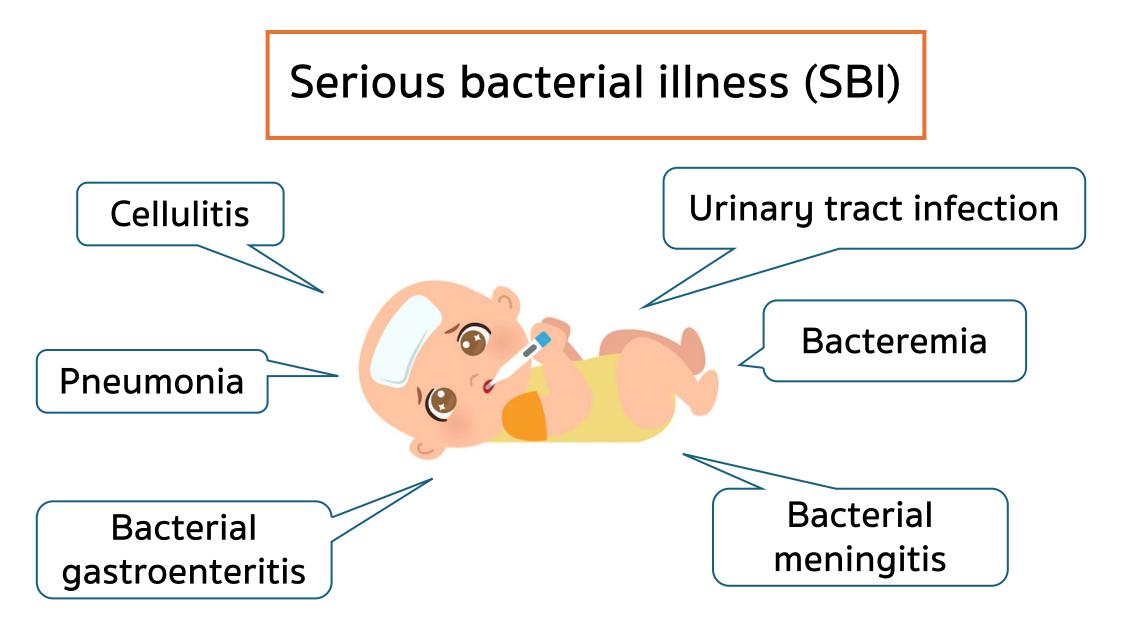


LP in neonatal fever To do or not to do? (Con) PIDST 05 May 2024



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CLINICAL PRACTICE GUIDELINE



What's change

Clinical Practice Guideline: Evaluation and Management of Well-Appearing Febrile Infants 8 to 60 Days Old

Robert H. Pantell, MD, FAAP,^a Kenneth B. Roberts, MD, FAAP,^b William G. Adams, MD, FAAP,^c Benard P. Dreyer, MD, FAAP,^d Nathan Kuppermann, MD, MPH, FAAP, FACEP,^e Sean T. O'Leary, MD, MPH, FAAP,^f Kymika Okechukwu, MPA,^g Charles R. Woods Jr, MD, MS, FAAP^h SUBCOMMITTEE ON FEBRILE INFANTS

- Changing Bacteriology
- Cost of Unnecessary Care
- Advances in Testing
 (Inflammatory Markers, Pathogen Identification, Viral Testing, Emerging Technologies)
- Opportunities to Improve the Care of Hospitalized Infants
- Evolving Research Strategies

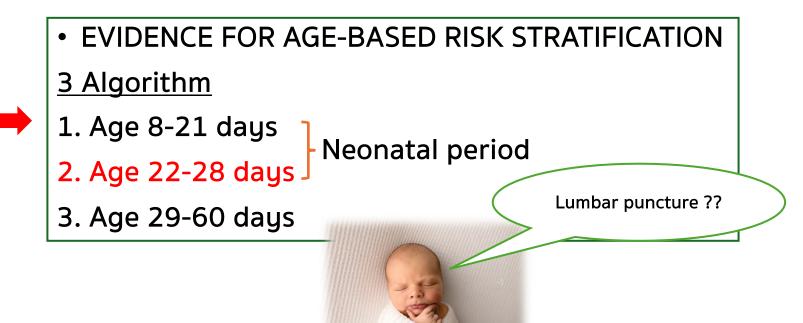


Evolving Research Strategies



1980s

Recommended infants in the youngest group (<29 days of age) should receive extensive evaluations, hospitalization, and empirical antimicrobial treatment AAP 2021



Pantell RH, Roberts KB, Adams WG, et al. Evaluation and Management of Well-Appearing Febrile Infants 8 to 60 Days Old [published correction appears in Pediatrics. 2021 Nov;148(5):]. *Pediatrics*. 2021;148(2)



Risk of Invasive bacterial infection

22-28 day-old infants capable of identifying infants at low risk for IBIs ranging from 0.2-0.7%

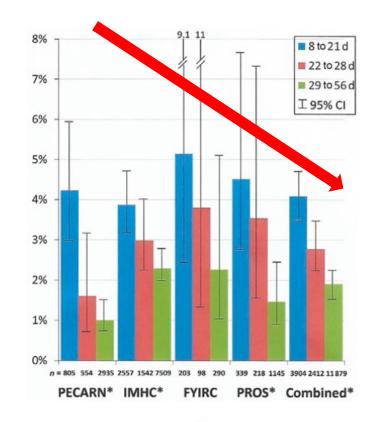


FIGURE 4 Rate of bacteremia by age groupings. * χ^2 for trend: P < .001. Note that the 95% Cls in the combined group do not overlap. Data were adapted from reference 61; from reference 94, with detail provided by C.L.B. (personal communication, 2020); from reference 24, with detail provided by Paul Aronson (personal communication, 2020); and from reference 17, with detail provided by Matthew Pantell (personal communication, 2020). FYIRC, Febrile Young Infants Research Collaborative; IMHC, University of Utah/Intermountain Healthcare.

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