

References and Literature Grading

During the Emergency Department Evaluation of a Well Appearing Neonate with Fever, Should Empiric Acyclovir be Initiated?

1. Flagg EW, Weinstock H: Incidence of neonatal herpes simplex virus infections in the United States, 2006. *Pediatrics*. 2011 Jan;127(1):e1-8. **Grade D retrospective database---good**
2. Lopez-Medina E, Cantej JB, Sanchez PJ. The mortality of neonatal herpes simplex virus infection. *J. Pediatric* 2015 June;166(6):1529-32. **Grade D retrospective study—adequate**
3. Thompson L, Whitley R. Neonatal herpes simplex virus infections: Where are we now? *Adv Exp Med Biol* 2011;697:221-230. **Grade F Review---adequate.**
4. Kotzbauer D, Frank G, Dong W, Shore S. Clinical and laboratory characteristics of disseminated herpes simplex virus infection in neonates. *HospPediatr*. 2014 May;4(3):167-71. **Grade D retrospective study—good**
5. Kotzbauer D, Andresen D, Doelling N, Shore S. Clinical and laboratory characteristics of central nervous system herpes simplex virus infection in neonates and young infants. *Pediatr Infect Dis*. 2014 Nov; 33(11):1187-89. **Grade D retrospective study —good**
6. Arvin AM, Yeager AS, Bruhn FW, et al. Neonatal herpes simplex infection in the absence of mucocutaneous lesions. *J Pediatr*.1982 May;100(5):715–721. **Grade E case studies --adequate**
7. Curfman AL, Glissmeyer EW, Ahmad FA, Korgenski EK, Blaschke AJ, Byington CL, MillerAS. Initial presentation of neonatal herpes simplex virus infection.*J Pediatr*. 2016 May;172(5):121-126.e1. **Grade D retrospective study—adequate**
8. Caviness AC, Demmler GJ, Selwyn BJ. Clinical and laboratory features of neonatal herpes simplex virus infection. A case-control study. *Pediatr Infect Dis* 2008 May;27(5):425-30. **Grade D retrospective case control---adequate**
9. Shah SS, Aronson PL, Mohamad Z, et al. Delayed acyclovir therapy and death among neonates with herpes simplex virus infection. *Pediatrics* 2011 Dec;128(6):1153-60. **Grade D retrospective cohort—good**
10. Melvin AJ, Mohan KM, Schiffer JT, Drolette LM, Magaret A, Corey L, Wald A. Plasma and cerebrospinal fluid herpes simplex virus levels at diagnosis and outcome of neonatal infection. *J Pediatr*. 2015 Apr;166(4):827-33. . **Grade D retrospective study---adequate**
11. Kimberlin DW, Lakeman FD, Arvin AM, Prober CG, Corey L, Powell DA, et al. Application of the polymerase chain reaction to the diagnosis and management of neonatal herpes simplex virus disease. National Institute of Allergy and Infectious Diseases Collaborative Antiviral Study Group. *J Infect Dis*. 1996 Dec;174(6):1162–7. **Grade D retrospective study ---good**
12. Malm G, Forsgren M. Neonatal herpes simplex virus infections: HSV DNA in cerebrospinal fluid and serum. *Arch Dis Child Fetal Neonatal Ed*. 1999 July; 81(1):F24–9. **Grade E case studies---adequate**
13. Caviness AC, Demmler GJ, Swint JM, et al. Cost-effectiveness analysis of herpes simplex virus testing and treatment strategies in febrile neonates. *Arch PediatrAdolesc Med* 2008;162(7):665-74. **Grade E cost effectiveness---outstanding**
14. Shah SS, Volk J, Mohamad Z, Hodinka RL, Zorc JJ. Herpes simplex virus testing and hospital length of stay in neonates and young infants. *J Pediatric* 201 May;156(5):738-43 **Grade D retrospective cohort---good**

15. Kimberlin DW, Lin CY, Jacobs RF, Powell DA, Corey L, Gruber WC, Rathore M, Bradley JS, Diaz PS, Kumar M, Arvin AM, Gutierrez K, Shelton M, Weiner LB, Sleasman JW, de Sierra TM, Weller S, Soong SJ, Kiell J, Lakeman FD, Whitley RJ; National Institute of Allergy and Infectious Diseases Collaborative Antiviral Study Group. Safety and efficacy of high-dose intravenous acyclovir in the management of neonatal herpes simplex virus infections. *Pediatrics*. 2001 Aug;108(2):230-8. **Grade C prospective open label study---good**
16. Whitley RJ. The use of antiviral drugs during neonatal period. *Clin Perinatol*. 2012 March;39(1):69-81. **Grade F review---good**
17. Long SS, Pool TE, Vodzak J, et al. Herpes simplex virus infection in young infants during 2 decades of empiric acyclovir use. *Pediatr Infect Dis J* 2011 July;30(7):556-61. **Grade D retrospective study-- good**
18. Caviness C, Demmler GJ, Almendarez Y, et al. The prevalence of neonatal herpes simplex virus infection compared with serious bacterial illness in hospitalized neonates. *J Pediatr* 2008 Aug; 153(2):164-9. **Grade D retrospective cohort---outstanding**