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MULTIPLE SCLEROSIS**1. What is thought to be the cause of MS?**

- a. a viral infection
- b. a prion disease
- c. a genetic mutation only
- d. an autoimmune disease involving a genetic predisposition and environmental factors

2. What are the four clinical courses of MS?

- a. CIS, relapsing-remitting, secondary progressive, and tertiary progressive
- b. CIS, relapsing-remitting, secondary progressive, and primary progressive
- c. CIS, subacute, secondary progressive, and primary progressive
- d. CIS, subacute, secondary progressive, and tertiary progressive

3. The diagnosis of MS is based on

- a. MRI
- b. CT scan
- c. a combination of clinical symptoms and findings, laboratory findings, and imaging criteria known as the revised McDonald criteria of 2017
- d. specific abnormal laboratory findings

4. What was the first approved medication in 1993 for MS?

- a. interferon-beta
- b. glatiramer acetate
- c. dimethyl fumarate
- d. teriflunomide

5. What is the only drug that is FDA-approved for primary progressive MS?

- a. alemtuzumab
- b. natalizumab
- c. ocrelizumab
- d. cladribine



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FEVER IN INFANTS**6. Pediatric fevers account for what percentage of emergency and urgent care visits?**

- a. 5%
- b. 14%
- c. 20%
- d. 40%

7. Which of the following is an exclusion criterion pertaining to the definition of a well-appearing infant?

- a. gestational age between 37 and 42 weeks
- b. discharged from a newborn nursery or born at home
- c. received immunizations within the previous 48 hours
- d. documented rectal temperatures of 38° C (100.4° F) or greater at home in the past 24 hours or determined in a clinical setting

8. Which of the following are risk factors for infant HSV infection?

- a. hypothermia, presence of vesicles or mucous membrane ulcerative lesions, and pleocytosis with a negative Gram stain on CSF
- b. elevated CRP, presence of vesicles or mucous membrane ulcerative lesions, and pleocytosis with a negative Gram stain on CSF
- c. hypothermia, elevated CRP, and pleocytosis with a negative Gram stain on CSF
- d. hypothermia, presence of vesicles or mucous membrane ulcerative lesions, and elevated CRP

9. Which of the following are potential sources of concerning infantile fevers?

- a. infection, immunization, and heavy clothing or blankets
- b. infection, immunization, and drug intoxication
- c. heavy clothing or blankets, immunization, and drug intoxication
- d. infection, heavy clothing or blankets, and drug intoxication

10. Which of the following tests *should be considered* in the fever workup of a well-appearing 22- to 28-day-old infant?

- a. lumbar puncture
- b. urinalysis
- c. inflammatory markers
- d. blood cultures