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CME examination

Identification No. JA0221

February 2021 issue of the *Journal of the American Academy of Dermatology*.

Neale H, Garza-Mayers AC, Tam I, Yu J. *J Am Acad Dermatol* 2021;84:235-44.

Directions for questions 1-3: Choose the single best response.

A 5-year-old previously healthy girl comes to the dermatology clinic for a 1-week history of intensely itchy, red rash on both of her ears. On physical examination, there are well-demarcated, erythematous, eczematous plaques over the bilateral earlobes with vesiculation and a few papules.

1. Which part of the history would be most likely to heighten suspicion for allergic contact dermatitis in this patient?
 - a. The patient recently had her ears pierced.
 - b. The patient was recently sick with an upper respiratory illness.
 - c. The patient has a history of 2 episodes of poison ivy in the past.
 - d. The patient has a family history of atopic dermatitis.
 - e. The patient was recently bit by a tick.
2. Which of the following would be the most appropriate indication for referring this patient for patch testing?
 - a. Acute dermatitis in a previously healthy child
 - b. Dermatitis in a child younger than 7 years
 - c. High index of clinical suspicion based on history and physical examination
 - d. Persistent dermatitis for longer than 5 days
 - e. Persistent dermatitis for less than 1 month
3. Which of the following is the most likely explanation for this child's dermatitis?
 - a. Delayed-type hypersensitivity to gold
 - b. Delayed-type hypersensitivity to silver
 - c. Type I hypersensitivity to silver
 - d. Delayed-type hypersensitivity to nickel
 - e. Type I hypersensitivity to nickel