
To claim CME credit, successfully complete this case-based posttest online at <http://www.aad.org/olc>. Note: CME quizzes are available after the first of the month in which the article is published. If you have any questions, please contact the Member Resource Center of the American Academy of Dermatology toll-free at (866) 503-SKIN (7546), (847) 240-1280 (for international members), or by e-mailing mrc@aad.org.

CME examination

Identification No. JC0619

June 2019 issue of the Journal of the American Academy of Dermatology.

Bienenfeld A, Azarchi S, Lo Sicco K, Marchbein S, Shapiro J, Nagler AR. *J Am Acad Dermatol* 2019;80:1497-506.

Directions for questions 1-4: Choose the single best response.

A 25-year-old woman presents to the clinic for the evaluation of comedones and inflammatory papules and pustules on her face, chest, and the upper aspect of her back for the past 5 years. She reports that she has previously been treated with many different “creams,” oral antibiotics, and 2 complete courses of isotretinoin.

1. What information from the patient's history would increase your suspicion for an underlying serum androgen abnormality?
 - a. A family history of hypothyroidism
 - b. An older sister who successfully got pregnant with in vitro fertilization after many years of infertility
 - c. Persistent acne despite 2 complete courses of isotretinoin
 - d. An early termination of pregnancy 10 years ago
 - e. A history of breast cancer in both her maternal grandmother and her maternal aunt
2. Which 2 tests will be the most useful in the evaluation of this patient?
 - a. Dihydrotestosterone and androstenedione
 - b. Free testosterone and dehydroepiandrosterone-sulfate
 - c. Luteinizing hormone/follicle-stimulating hormone ratio and estradiol
 - d. Gonadotropin-releasing hormone and adrenocorticotropic hormone
 - e. Dehydroepiandrosterone and dehydroepiandrosterone-sulfate
3. When should the endocrinologic testing be performed?
 - a. Anytime of the month
 - b. Day 3 of menses
 - c. 3 days before menses
 - d. At the time of ovulation
 - e. 7 days before menses

A 65-year-old woman presents to the clinic for evaluation of hirsutism of the upper lip and chin and bitemporal hair thinning.

4. Which of the following would raise the level of suspicion for an androgen-secreting tumor?
 - a. Symptom presentation in the past 6 months
 - b. History of irregular menstrual cycles
 - c. Menopause at 45 years of age
 - d. Body mass index of 35 kg/m²
 - e. A husband using transdermal testosterone