

JCRPE | Journal of Clinical Research in Pediatric Endocrinology

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Measurement of 11-Oxo-Androgens, A Novel Biomarker, in Females with Clinical Signs of Premature Adrenarche

Authors: Liana Gabriel, Jorge Mejia-Corletto, Beatriz Blinov, Meredith Akerman, Jacklyn Frank, Paul Saenger

- Premature adrenarche in girls is the manifestation of axillary or pubic hair, adult body odor, and acne before the age of 8 years.
- Out of those with normal DHEAS, 75 % had elevated 11-hydroxyandrostenedione, and 77.8% of those patients with normal DHEA had the same elevated oxo-androgen.
- Advanced bone age greater than 1 year compared to chronological age was positively associated with 11-ketotestosterone and 11β-hydroxy testosterone.

CONCLUSION
Our findings reveal increased 11-oxo-androgens in girls with premature adrenarche, emphasizing their value in diagnosis when earlier tests are inconclusive.

DOI: 10.4274/jcrpe.galenos.2025.2025-3-20
Cite this article as: Gabriel L, Mejia-Corletto J, Blinov B, Akerman M, Frank J, Saenger P. Measurement of 11-oxo-androgens, a novel biomarker, in females with clinical signs of premature adrenarche. J Clin Res Pediatr Endocrinol. 2026;18(1):42-47

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March **2026**
Volume **18**
Issue **1**



Official Journal of
Turkish Society for Pediatric
Endocrinology and Diabetes

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Date of printing: March 2026

ISSN: 1308-5727 E-ISSN: 1308-5735

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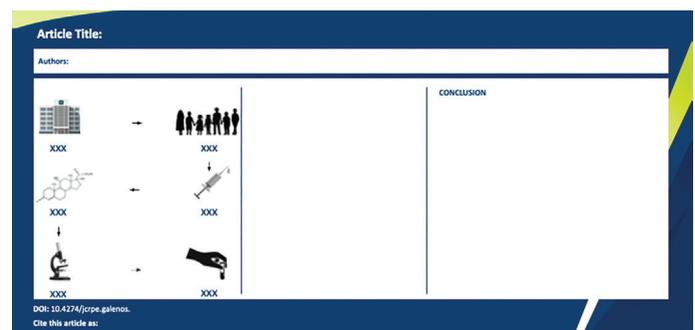
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5. Remarks to the author

What would be your recommendations to the author?
Conflict of interest statement for the reviewer (Please state if a conflict of interest is present)
For further instructions about how to review, see Reviewing Manuscripts for Archives of Pediatrics & Adolescent Medicine by Peter Cummings, MD, MPH; Frederick P. Rivara, MD, MPH in Arch Pediatr Adolesc Med. 2002;156:11-13.

GUIDELINES FOR MANUSCRIPT PREPARATION

The authors can also benefit from the following guidelines in the process of preparing the article:
Clinical Trials
Observational Studies
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Diagnostic and Prognostic Studies

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