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Effect of Metformin on Hypothalamic-Pituitary-Thyroid Axis Activity in Elderly Antipsychotic-Treated Women With Type 2 Diabetes and Subclinical Hypothyroidism: A Preliminary Study

May 2018 – *The Journal of Clinical Pharmacology*

Why is this article important to you?
Learners that complete this course/event will learn most recent findings about the effect of metformin on hypothalamic-pituitary-thyroid axis activity in elderly antipsychotic-treated women with Type 2 diabetes and subclinical hypothyroidism.

ACPE Accreditation Statement
The American College of Clinical Pharmacology is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education.
UAN: 0238-0000-18-033-H01-P – ACPE 1 Contact Hours
Activity Type: Knowledge-based **Format:** Home-study **Target Audience**: 'P'

ACCME Accreditation Statement
The American College of Clinical Pharmacology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

ACCME Designation Statement
The Accreditation Council for Continuing Medical Education designates this journal CE activity for 1 *AMA PRA Category 1™* credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosures:

Article Selection:	Joseph Bertino, PharmD, Editor-in-Chief, JCP; Owner, Bertino Consulting, has nothing to disclose.
Planner:	Yan Xu, MD, PhD, who developed the continuing education portion of this activity (target audience, goals and objectives and questions with solutions), discloses an employment relationship with Janssen R&D which is unrelated to this educational topic.
Reviewer:	Theodore Xanthos, PhD, MD has nothing to disclose.

Target Audience
Physicians, Pharmacists, PhDs, Nurse Practitioners, Physician Assistants

Goal and Objectives
After completing this activity, the learner will be able to:

1) Identify the effect of metformin on hypothalamic-pituitary-thyroid axis activity in elderly women and the potential mechanism of action.
2) Describe the difference in the observed metformin effect in antipsychotic-treated versus antipsychotic-naive patients.
3) Explain clinical implications concerning metformin use in the geriatric population based on results from this study.

Requirements to Receive Credit
In order to receive CE credit, the learner must register for the educational activity, study the provided journal article, complete the online post-event assessment (test) with a score or 75% or higher, complete an online evaluation, and print their certificate.

Schedule & Fees
JCP monthly Journal CE articles are generally released on the 2nd Tuesday of each month. They are priced in packages of Jan - Dec for each year. Packages are available at no cost to ACCP Members and $75/calendar year to Non-members. Once you register, you have access to all of the articles for the calendar year.

Acknowledgement of Financial Support
No financial support was received for this educational activity.

Home Study Initial Release and Expiration Dates
Date of Issuance: 5/7/2018
Series Expiration Date: 12/31/2020

Online Location:
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