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Thyroxin Use Is Associated With Increased Risk of Thyroid Cancer in Patients With Hypothyroidism

January 2018 – *The Journal of Clinical Pharmacology*

Why is this article important to you?

This research study provides an analysis of the relationship between thyroxin use and carcinogenesis using data available from a National Health System database. The study's results assist clinicians and pharmacists in evaluating the risk and benefits of thyroid replacement therapy in subclinical hypothyroidism. A novel finding, the study provides discussion of research limitations and implications for future research.



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: 0238-0000-18-001-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 1TM* credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Planning Committee Disclosures:

Article Selection: Joseph Bertino, PharmD, Editor-in-Chief, JCP; Owner, Bertino Consulting, has nothing to disclose.

Designer: David Kisor, PharmD, who developed the continuing education portion of this activity (target audience, goals and objectives and questions with solutions), discloses a relationship with PWN Health which is unrelated to this educational topic.

Reviewer: Theodore Xanthos, PhD, MD has nothing to disclose.

Target Audience

The target audience for this activity includes physicians (especially primary care and endocrinologists), pharmacists, clinical pharmacologists, and researchers engaged in clinical pharmacology and/or pharmacokinetic studies.

Goal and Objectives

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

- 1) Differentiate between the study group classifications of regular and irregular thyroxin use.
- 2) List 4 statistically significant co-morbidities found amongst thyroid cancer patients versus the controls.
- 3) Discuss two possible explanations for thyroxin-related carcinogenesis.

- 4) Describe the study's implications when evaluating treatment options for patients with subclinical hypothyroidism.

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 of 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: January 1, 2018

Expiration Date: January 1, 2021

Online Location:

[https://accp1.org/Members/Continuing_Education/Journal_CE/ACCP1/4Continuing_Education/Journal_C
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