

# Members Obtain Free CE Credits from JCP Articles!



## ***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 1<sup>TM</sup>* 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 2<sup>nd</sup> 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:** December 1, 2017

**Expiration Date:** December 1, 2020

**Online Location:**

[https://accp1.org/Members/Continuing\\_Education/Journal\\_CE/ACCP1/4Continuing\\_Education/Journal\\_CE.aspx](https://accp1.org/Members/Continuing_Education/Journal_CE/ACCP1/4Continuing_Education/Journal_CE.aspx)