

# Members Obtain Free CE Credits from JCP Articles!



## ***The Safety Profile of Tumor Necrosis Factor Inhibitors in Ankylosing Spondylitis: Are TNF Inhibitors Safer Than We Thought?***

April 2019 – *The Journal of Clinical Pharmacology* (JCP)

### ***Why is this article important to you?***

Long-term use of tumor necrosis factor (TNF) inhibitors in patients with ankylosing spondylitis remains necessary. However, the long-term safety of TNF inhibitors in patients with ankylosing spondylitis raises concern because the majority of safety studies have been performed in patients with rheumatoid arthritis, and there appears to be different safety profiles between the two disease conditions. Learners who complete this course will be able to identify the toxicity of TNF inhibitors in patients with ankylosing spondylitis and compare the safety profile of TNF inhibitors in patients with ankylosing spondylitis and rheumatoid arthritis. Learners will also be able to discuss gaps in knowledge surrounding TNF inhibitors safety and areas where further research is needed.



### **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: 0238-0000-19-030-H01-P** – ACPE 1 Contact Hours

**Activity Type:** Knowledge-based **Format:** Home-study **Target Audience:** 'P'



**ACCME**  
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### **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.

### **Target Audience**

Interprofessional team of Physicians, Pharmacists, PhDs, Nurse Practitioners and Physician Assistants.

### **Learning Objectives**

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

1. Explain ankylosing spondylitis and its available therapies;
2. Identify the toxicity and common adverse events of TNF inhibitors;
3. Compare the safety profile of TNF inhibitors between patients with ankylosing spondylitis and rheumatoid arthritis;
4. Discuss gaps in knowledge of TNF inhibitors' safety and areas where further research is needed.

### **Requirements to Receive Credit**

In order to receive continuing medical education (CME) or continuing pharmacy education (CPE) credit, the learner must register for the educational activity, study the provided journal article, complete the online learning Self-assessment Post-test as well as the online course Evaluation and CME/CPE

Certificate. Credits and CME/CPE Certificates must be claimed within thirty (30) days of completing the article, Post-test and Evaluation. Contact [CE@ACCP1.org](mailto:CE@ACCP1.org) with any questions.

**Disclosures:**

Article Selection: Joseph Bertino, PharmD, FCP, FCCP, Editor-in-Chief, JCP and Owner, Bertino Consulting Inc, selected the article for this course and has nothing to disclose.  
Planner: Hisham Qosa, BPharm, MPharm, PhD, Staff Fellow, US Food & Drug Administration, Office of Clinical Pharmacology, has nothing to disclose.  
CE Reviewer: Janelle Burnham, MD, Pediatrician & Labeling Specialist, US Food & Drug Administration, Office of Clinical Pharmacology, has nothing to disclose.

**Schedule & Fees**

JCP monthly Journal CE articles are generally released on the 1<sup>st</sup> or 2<sup>nd</sup> Tuesday of each month. They are priced in packages of January to December 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 Journal CE 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:** 4/1/2019

**Expiration Date:** 12/31/2022

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**Helpful Tips**

Download the article and access the Self-assessment Post-test, Evaluation and Certificate [here](#).

Learn how to print your CME/CPE Certificate [here](#).

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