

Quiz Page — Treatment of Rheumatoid Arthritis

1. Which of the following statements best describes the mode of action of abatacept?
 - a. Abatacept acts by selectively modulating the interaction between T cells and antigen presenting cells
 - b. Abatacept acts by depleting T cells
 - c. Abatacept acts by depleting antigen presenting cells
 - d. Abatacept acts by upregulating CTLA-4 expression
2. Which one of the following statements is not true?
 - a. Abatacept is indicated for reducing the signs and symptoms of RA
 - b. Abatacept is indicated for slowing the progression of structural damage in RA
 - c. Abatacept may be administered concomitantly with TNF antagonists
 - d. Abatacept is not recommended for use concomitantly with anakinra
3. Abatacept has been shown to provide benefit to patients with an inadequate response to which other RA therapy/therapies?
 - a. MTX only
 - b. TNF antagonists only
 - c. Neither A nor B
 - d. Both A and B
4. After the first infusion, abatacept is administered at 2 and 4 weeks. What is the recommended dosing regimen for abatacept thereafter?
 - a. 2 mg/kg (according to weight range) every 2 weeks
 - b. 2 mg/kg (according to weight range) every 4 weeks
 - c. 10 mg/kg (according to weight range) every 2 weeks
 - d. 10 mg/kg (according to weight range) every 4 weeks
5. In patients with RA, the mean (range) half-life of abatacept is:
 - a. 13.1 (8625) days
 - b. 15.7 (9631) days
 - c. 11.5 (7623) days
 - d. 9.9 (5620) days
6. In patients with rheumatoid arthritis, abatacept is cleared from the body at which of the following rates?
 - a. 0.01 mL/hour/kg
 - b. 0.5 mL/hour/kg
 - c. 0.22 mL/hour/kg
 - d. 0.1 mL/hour/kg
7. Why is abatacept not recommended for addition to a background of biologic therapy?
 - a. Lack of efficacy
 - b. Risk of severe infusion reactions
 - c. Increased rate of infection
 - d. Increased rate of malignancy
8. Abatacept may blunt the effectiveness of some immunizations. Therefore live vaccines should not be given concurrently with abatacept, and for _____ after discontinuation of the drug.
 - a. 6 months
 - b. 12 months
 - c. 3 months
 - d. 1 month
9. Which of the following statements best describes the mode of action of rituximab?
 - a. Rituximab acts by depleting circulating and tissue-based B cells
 - b. Rituximab acts by depleting T cells
 - c. Rituximab acts by binding to CD20 on B cells and preventing their interaction with T cells
 - d. Rituximab acts by upregulating CD20 on B cells
10. Transient hypotension may occur during rituximab infusion, so consideration should be given to withholding antihypertensive medications for how long prior to rituximab infusion?
 - a. 2 hours
 - b. 12 hours
 - c. 24 hours
 - d. 36 hours
11. Rituximab is indicated in combination with MTX to reduce signs and symptoms in adult patients with moderately to severely active RA who have had an inadequate response to
 - a. MTX only
 - b. TNF antagonists only
 - c. Neither A nor B
 - d. Both A and B
12. After the first infusion of rituximab, a second infusion is administered at 2 weeks. What is the recommended dose of this second infusion?
 - a. 100 mg IV
 - b. 1000 mg IV
 - c. 500 mg IV
 - d. 250 mg IV
13. The mean terminal elimination half-life of rituximab after the second dose is:
 - a. 12 days
 - b. 17 days
 - c. 19 days
 - d. 23 days
14. The most common adverse events with rituximab were infusion associated. What percentage of patients treated with rituximab experienced an adverse event during or within 24 hours following their first infusion
 - a. 23%
 - b. 50%
 - c. 32%
 - d. 5%
15. In order to reduce the frequency and severity of infusion reactions associated with rituximab treatment, it is recommended that the following premedication should be administered:
 - a. Acetaminophen
 - b. An antihistamine
 - c. Neither A nor B
 - d. Both A and B
16. Did this CE article achieve its stated objectives?
 - a. yes
 - b. no
17. How much of this program can you apply in your practice?
 - a. all
 - b. some
 - c. very little
 - d. none
18. Approximately how long did it take you to read the article, study it and answer all questions?
 - a. 1 - 1/2 hours
 - b. longer
 - c. less
19. Type of practice
 - a. retail
 - b. hospital, institutional
 - c. pharmacy organization/academia
 - d. manufacturing, distribution, other
20. Indicate date you completed this exam (required).

_____ mm/dd/yy

COMPLETE AND MAIL THIS ENTIRE PAGE TO:

CE Editor, **Community Pharmacist** • 5285 W. Louisiana Ave. • Lakewood, CO 80232

For documentation & credit, provide the information requested. The test will be graded, entered to your record in our office, & returned to you with a statement of credit within 2 to 3 weeks. Make checks payable to **Community Pharmacist**.

PLEASE PRINT ALL INFORMATION!

Licensed State _____ Licensed State _____ Licensed State _____ Licensed State _____

License # _____ License # _____ License # _____ License # _____

I am already enrolled in the 2007 Series I have enclosed \$8.00 for this lesson

\$80.00 for the 2007 Series (\$90.00 for foreign address) . 10 lessons, 15 credit hours

Method of Payment: Check Visa Mastercard Discover

Card #: _____ Expiration Date: _____

Signature: _____ (Required on all credit card payments.)

Name: _____

Address: _____

City: _____ State: _____ Zipcode: _____

Daytime Phone: _____ Home Phone: _____

TO BE COMPLETED BY CE EDITOR

ACPE Universal Program #: 406-000-07-009-H01
(Passing grade of 70 earns .15 CEUs; retest at no charge.)
Expiration Date 9/30/10