

CME MCQ – 12

Methotrexate for Psoriasis 2004

1. The mechanism by which low doses of methotrexate (MTX) act in psoriasis to restore a clinically normal skin is poorly understood. Which of the following factors have been suggested:
 - A. Interference with keratinocyte cell kinetics
 - B. MTX selectively kills a subset of lymphocytes
 - C. Induces apoptotic cell death
 - D. Has anti-inflammatory properties
2. Hepatic toxicity may in some patients lead to liver fibrosis. Aminoterminal propeptide of type III Procollagen (PIIINP) is a serological marker of neofibrosis. International guidelines and recommendations from the author suggests measurement of PIIINP level at the following intervals/clinical situations (indicate correct statements):
 - A. Before start of MTX
 - B. Three times after initiation of MTX
 - C. Twice yearly
 - D. PIIINP should only be measured in patients suffering from impaired liver function.
3. Drug interactions with MTX can occur. Indicate substances listed below that may enhance the toxic effects of MTX:
 - A. Ethanol
 - B. Trimethoprim-sulfamethoxazol
 - C. Cyclosporine
 - D. Salicylates

1. A, C, and D are correct answers.
2. Statements A, B, and C are correct.
3. Statements A, B, and D are correct.

Recommended answers based on information given in the review: