

CONTINUING MEDICAL EDUCATION EXAMINATION

Treating COVID-19: Review of Drug Hypersensitivity Reactions

Instructions for obtaining 1.1 Continuing Medical Education Credits

Credits can be earned by reading the text and completing the CME examinations online throughout the year on the SEAIC web site at www.seaic.org



"Actividad acreditada por el Consejo Catalán de Formación Continuada de las Profesiones Sanitarias – Comisión de Formación Continuada del Sistema Nacional de Salud con 1,1 CRÉDITOS".



Activity sponsored by Astra Laboratories



AstraZeneca takes no responsibility for the contents of this program

CME Items

- Which of the following is a common adverse effect of icatibant?
 - Urticaria
 - Angioedema
 - Injection site reaction
 - All of the above
- Which of the following is true?
 - Icatibant is approved for long-term prophylaxis in patients with hereditary angioedema
 - Icatibant binds to bradykinin type 1 and 2 receptors
 - Icatibant has a structure that could bind to SARS-CoV-2 protease M
 - All of the above are true
- For which of the following drugs are there published desensitization protocols?
 - Remdesivir
 - Tocilizumab
 - Sarilumab
 - Ivermectin
- Which of the following is true for corticosteroids?
 - Immediate drug hypersensitivity reactions are more frequent after the administration of topical corticosteroids
 - Delayed drug hypersensitivity reactions only occur after administration of systemic corticosteroids
 - Dexamethasone is the corticosteroid that most frequently produces immediate drug hypersensitivity reactions
 - Patch testing with corticosteroids is only positive on the seventh day
- Which of the following statements is true?
 - The ideal time to initiate treatment with corticosteroids is during the early stages of SARS-CoV-2 infection
 - The ideal time to initiate treatment with anti-inflammatory and immunosuppressive therapy is during the early stages of SARS-CoV-2 infection
 - Despite not having an antiviral effect, azithromycin is used to prevent possible complications that may arise due to SARS-CoV-2 infection
 - Severe SARS-CoV-2 infection is commonly complicated with coagulopathy and disseminated intravascular coagulation. Heparins are important anticoagulants used in the prophylaxis and treatment of thromboembolic disorders
- Which of the following viral infections was remdesivir initially developed to treat before being considered a potential therapy for SARS-CoV-2 disease?
 - Dengue virus infection
 - Ebola virus infection
 - Zika virus infection
 - HIV infection
- Which of the following is true for anakinra?
 - It is an interleukin 6 receptor antagonist
 - No skin tests have been performed to study possible hypersensitivity
 - Successful desensitization protocols have been reported
 - Local reactions after administration are rare
- Which of the following is false?
 - Azithromycin and tacrolimus are both macrolides
 - Hypersensitivity reactions to tacrolimus are only related to its excipients
 - Hypersensitivity to macrolides is infrequent
 - Cross-reactivity between macrolides seems to be infrequent
- Which of the following is true?
 - Sarilumab is a murine monoclonal antibody
 - Ivermectin is an antiparasitic agent
 - Baricitinib is an irreversible inhibitor of Janus kinase 2 (JAK 2)
 - Cyclosporine is an immunosuppressant isolated from bacteria
- Which of the following is false?
 - Oral tacrolimus lacks polyoxyethylated castor oil, which can induce different adverse drug reactions
 - Currently, there is no drug approved for the treatment of SARS-CoV-2 disease
 - Data from the literature show that patients with delayed drug hypersensitivity reactions to low-molecular-weight heparins tolerate intravenous heparin
 - There are numerous desensitization protocols for macrolide hypersensitivity