

Direction

- 1) HScore is primarily used for which of the following conditions?
 - a. Hematologic malignancies
 - b. Hemophagocytic lymphohistiocytosis (HLH)
 - c. Hematologic disorders following COVID-19
 - d. Hemochromatosis
- 2) Which of the following statements is correct?
 - a. Thrombocytopenia is common in both severe COVID-19 and HLH
 - b. Thrombocytosis is common in both severe COVID-19 and HLH
 - c. Thrombocytopenia is common in severe COVID-19, while thrombocytosis is common in HLH
 - d. Thrombocytosis is common in severe COVID-19, while thrombocytopenia is common in HLH
- 3) Which of the following statements is correct?
 - a. Hyperhemoglobinemia is common in both severe COVID-19 and HLH
 - b. Hypohemoglobinemia is common in both severe COVID-19 and HLH
 - c. Hyperhemoglobinemia is common in severe COVID-19, while hypohemoglobinemia is common in HLH
 - d. Hypohemoglobinemia is common in severe COVID-19, while hyperhemoglobinemia is common in HLH
- 4) Which of the following statements is correct?
 - a. Hypofibrinogenemia is common in both severe COVID-19 and HLH
 - b. Hyperfibrinogenemia is common in both severe COVID-19 and HLH
 - c. Hyperfibrinogenemia is common in severe COVID-19, while hypofibrinogenemia is common in HLH
 - d. Hypofibrinogenemia is common in severe COVID-19, while hyperfibrinogenemia is common in HLH
- 5) Which of the following statements is correct?
 - a. Low level of aspartate transaminase (AST) is common in both severe COVID-19 and HLH
 - b. High level of AST is common in both severe COVID-19 and HLH
 - c. High level of AST is common in severe COVID-19, while low level of AST is common in HLH
 - d. Low level of AST is common in severe COVID-19, while high level of AST is common in HLH
- 6) Which of the following statements is correct?
 - a. Fever is common in both severe COVID-19 and HLH
 - b. Fever is not common in severe COVID-19 nor HLH
 - c. Fever is common in severe COVID-19, but not in HLH
 - d. Fever is common in HLH, but not in severe COVID-19
- 7) Which of the following statements is correct?
 - a. Leukopenia is common in both severe COVID-19 and HLH
 - b. Leukocytosis is common in both severe COVID-19 and HLH
 - c. Leukopenia is common in severe COVID-19, while leukocytosis is common in HLH
 - d. Leukocytosis is common in severe COVID-19, while leukopenia is common in HLH
- 8) Which of the following statements is correct?
 - a. Lymphopenia is common in both severe COVID-19 and HLH
 - b. Lymphocytosis is common in both severe COVID-19 and HLH
 - c. Lymphopenia is common in severe COVID-19, while lymphocytosis is common in HLH
 - d. Lymphocytosis is common in severe COVID-19, while lymphopenia is common in HLH

- 9) Which of the following statements is correct?
- Neutropenia is common in both severe COVID-19 and HLH
 - Neutrophilia is common in both severe COVID-19 and HLH
 - Neutropenia is common in severe COVID-19, while neutrophilia is common in HLH
 - Neutrophilia is common in severe COVID-19, while neutropenia is common in HLH
- 10) Which of the following statements is correct?
- Hypoferritinemia is common in both severe COVID-19 and HLH
 - Hyperferritinemia is common in both severe COVID-19 and HLH
 - Hyperferritinemia is common in severe COVID-19, while hypoferritinemia is common in HLH
 - Hypoferritinemia is common in severe COVID-19, while hyperferritinemia is common in HLH
- 11) Which HScore variables can be used to determine risk factors for severe COVID-19?
- None
 - All variables
 - Most variables, but their interpretation should be modified
 - Only variables related to blood cell count
- 12) Which of the following statements is correct?
- Despite severe COVID-19, HLH is a hyperinflammatory disease
 - Despite HLH, severe COVID-19 is usually manifested as a hyperinflammatory condition with cytokine-storm
 - Severe COVID-19 patients with manifestation of secondary HLH could benefit from immunosuppressants
 - Mild COVID-19 manifests as hyperinflammation, while severe cases are associated with anti-inflammatory conditions
- 13) Which of the following statements is correct?
- Cytopenia of one or two lineages is an important variable in HScore
 - Severe COVID-19 patients are less likely to have HLH than patients with mild COVID-19
 - Lung involvement and shortness of breath are the major risk factors for COVID-19 and HLH
 - Severe COVID-19 and HLH patients are manifested with pancytopenia
- 14) Which of the following is a risk factor for both severe COVID-19 and HLH?
- High lymphocyte count
 - High platelet count
 - High fibrinogen level
 - High ferritin level
- 15) Which risk factor is shared in severe COVID-19 and HLH?
- Low hemoglobin level
 - High neutrophil count
 - High white blood cell count
 - Low AST level