



CME POST-TEST

All post-tests must be completed and submitted online.

EXPIRATION DATE: JUNE 2024

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AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE

1. A patient with rapidly progressive ADPKD is a candidate for tolvaptan therapy. Which screening laboratory test needs to be monitored to identify potential toxicity?
 - a. CBC count
 - b. liver function panel
 - c. thyroid function panel
 - d. pulmonary function testing
2. Which of the following remains the cornerstone for managing patients with ADPKD and preventing further renal function decline?
 - a. glucose control
 - b. LDL control
 - c. hypertension control
 - d. sodium control
3. To diagnose ADPKD with 100% specificity and sensitivity in an at-risk patient younger than age 40 years, what number of cysts need to be visualized on renal MRI?
 - a. 5
 - b. 10 or more
 - c. at least 15
 - d. at least 20
4. In which of the following genes do mutations lead to more rapid progression to ESRD?
 - a. *PKD1*
 - b. *PKD2*
 - c. *GANAB*
 - d. *DNAJB11*
5. A 55-year-old man with a history of ADPKD, hypertension, and hyperlipidemia presented to the ED with a severe headache that started while he was eating breakfast. Which of the following is the likely cause of his symptoms?
 - a. vertebral artery dissection
 - b. migraine
 - c. dural venous thrombus
 - d. aneurysm rupture

MYELODYSPLASTIC SYNDROMES

6. The risk of MDS increases with
 - a. age, female sex, and non-Hispanic White ethnicity.
 - b. age, male sex, and Hispanic ethnicity.
 - c. age, male sex, and non-Hispanic White ethnicity.
 - d. age, female sex, and Hispanic ethnicity.
7. Which physical examination finding is associated with the diagnosis of MDS?
 - a. hypertension
 - b. bradycardia
 - c. urinary frequency
 - d. pallor
8. Diagnosis and classification of MDS center on which study?
 - a. molecular and cytogenetic analysis of bone marrow
 - b. blood hemoglobin level
 - c. serum ferritin
 - d. serum erythropoietin
9. Patients with MDS who are classified in the very low risk group have
 - a. an overall median survival of about 8.8 years combined with a low probability of conversion to AML.
 - b. an overall median survival of about 18.8 years combined with a low probability of conversion to AML.
 - c. a median survival of less than 5 years and a high probability of conversion to AML.
 - d. a median survival of less than 5 years and a low probability of conversion to AML.
10. Which statement is correct about allogeneic hematopoietic stem cell transplantation, the only potential cure for MDS?
 - a. 5-year transplant survival rates are 20% in high-risk patients and 45% in intermediate-risk patients
 - b. 5-year transplant survival rates are 30% in high-risk patients and 55% in intermediate-risk patients
 - c. 5-year transplant survival rates are 40% in high-risk patients and 65% in intermediate-risk patients
 - d. 5-year transplant survival rates are 50% in high-risk patients and 75% in intermediate-risk patients