

Multiple Myeloma

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This month's quiz is based on the article "Multiple Myeloma," which begins on page 15 of this issue. Choose the single best answer for each question.

- 1. What evaluations should be included in the initial work-up for suspected multiple myeloma (MM)?**
 - (A) Serum protein electrophoresis, urine protein electrophoresis, and skeletal survey
 - (B) Complete blood count and complete metabolic profile
 - (C) Computed tomography scan of the chest, abdomen, and pelvis
 - (D) Technetium bone scan
 - (E) A and B
- 2. On average, what percentage of patients with monoclonal gammopathy of unknown significance will progress to malignancy every year?**
 - (A) 0%
 - (B) 1%
 - (C) 5%
 - (D) 10%
- 3. What is the recommended management approach for a 57-year-old woman with newly diagnosed MM who has a beta-2 microglobulin level of 3.9 $\mu\text{g/mL}$, normal albumin, no end-organ damage, and no comorbidities?**
 - (A) Start induction chemotherapy followed by high-dose chemotherapy with hematopoietic stem-cell rescue
 - (B) Active surveillance with treatment if progression occurs
 - (C) Melphalan and corticosteroid
 - (D) Thalidomide alone or with corticosteroid
- 4. What is the best first-line treatment for a very active 68-year-old man with progressive, symptomatic MM and no comorbidities?**
 - (A) Start induction chemotherapy followed by high-dose chemotherapy with hematopoietic stem-cell rescue
 - (B) Melphalan and corticosteroid
 - (C) Active surveillance with treatment only if progression occurs
 - (D) All are equal
- 5. Management of MM in a patient with suspected cord compression must include**
 - (A) Bone scan
 - (B) Dexamethasone and intravenous bisphosphonate therapy
 - (C) Urgent magnetic resonance imaging, dexamethasone, and neurosurgical consultation
 - (D) Careful observation
- 6. Which statement is true regarding kidney disease in patients with MM?**
 - (A) Renal disease is rare in patients with MM
 - (B) Myeloma kidney can present as acute renal failure
 - (C) Uric acid nephropathy is commonly associated with MM
 - (D) None of the above

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For answers, see page 36.

Answers to the review quiz on page 26. The article on multiple myeloma begins on page 15.

1. (E) A and B stem-cell rescue
2. (B) 1%
3. (B) Active surveillance with treatment if progression occurs
4. (A) Start induction chemotherapy followed by high-dose chemotherapy with hematopoietic
5. (C) Urgent magnetic resonance imaging, dexamethasone, and neurosurgical consultation
6. (B) Myeloma kidney can present as acute renal failure

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