

# Visiting Professors

A case-based discussion on the management of multiple myeloma

#### CLINICAL INVESTIGATORS

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#### CONSULTING ONCOLOGISTS

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Featuring clinical investigators' perspectives on a day spent visiting patients with multiple myeloma in the clinics of general oncologists

#### CONTENTS

2 Audio CDs

EDITOR

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# Visiting Professors: A case-based discussion on the management of multiple myeloma

#### OVERVIEW OF ACTIVITY

Multiple myeloma (MM) is a plasma cell neoplasm that accounts for approximately 10% of all hematologic cancers. It is estimated that 24,050 new cases will be diagnosed and 11,090 deaths will occur in the United States in 2014. The introduction of new agents with substantial activity has improved outcomes and allowed patients to experience longer periods of remission. Both novel proteasome inhibitors and immunomodulatory (IMiD) agents have effectively transformed the standard treatment for patients with newly diagnosed and relapsed/refractory MM. Thus, the current challenge facing the oncology community is identifying those patients who will obtain the greatest benefit from a specific regimen while incurring the least toxicity. For this reason, hematologic oncologists must be apprised of the unique risks and benefits accompanying each evidence-based treatment strategy and of the acceptable monitoring and supportive management techniques that enable early recognition of safety concerns and effective interventions to address side effects.

To provide clinicians with therapeutic strategies to address the disparate needs of patients with MM, the *Visiting Professors* audio series employs an innovative case-based approach that unites the perspectives of leading hematology-oncology investigators and general oncologists as they explore the intricacies of making treatment decisions. Upon completion of this CME activity, medical oncologists should be able to formulate an up-to-date and more complete approach to the care of patients with MM.

#### LEARNING OBJECTIVES

- Apply case-based learning, innovative communication strategies and shared clinical insight to provide comprehensive and compassionate oncology care for patients with MM.
- Integrate recent clinical research findings with proteasome inhibitors and IMiDs into the development of individualized induction and maintenance treatment strategies for patients with MM.
- Develop an understanding of emerging efficacy and side effect data with novel agents and combination regimens under evaluation for MM.
- Evaluate the benefits and risks of lenalidomide maintenance therapy after stem cell transplantation for patients with active MM.
- Assess the use of bone-targeted therapy in patients with newly diagnosed MM regardless of the
  presence of bone disease.
- Develop a risk-adapted treatment plan for patients with smoldering MM.
- Assess the ongoing clinical trials evaluating therapeutic approaches for MM, and counsel appropriately selected patients for study participation.

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#### CME INFORMATION

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# Discussion with Sagar Lonial, MD and Warren Brenner, MD

- TRACK 1 CASE DISCUSSION: A 69-year-old patient received RVD for multiple myeloma (MM) but experienced an asymptomatic relapse 3 years later and achieved a complete response after reinduction with RVD
- TRACK 2 Efficacy of pomalidomide in combination with low-dose dexamethasone for patients with relapsed or refractory MM with 17p deletion
- TRACK 3 Emerging clinical data with the monoclonal antibodies elotuzumab and daratumumab in MM
- TRACK 4 Tailoring maintenance therapy regimens based on risk

- TRACK 5 Duration of bisphosphonate therapy for patients with MM with and without bone disease
- TRACK 6 CASE DISCUSSION: A 74-year-old patient with severe back pain, hypercalcemia and renal failure is diagnosed with ISS Stage III t(11;14) MM
- TRACK 7 Management of bone pain in patients with MM
- TRACK 8 Lenalidomide maintenance therapy for patients with MM
- TRACK 9 Therapeutic approach for patients with MM and renal failure
- TRACK 10 Role of transplant for elderly patients with MM

## Discussion with Morie A Gertz, MD, MACP and Erik Rupard, MD

- TRACK 11 **CASE DISCUSSION:** A 72-year-old patient with anemia, renal failure and IgG kappa MM achieves a near-complete response with RVD → autologous stem cell transplant (ASCT)
- TRACK 12 Clinical benefits and risks of maintenance therapy in MM
- TRACK 13 Post-transplant consolidation therapy to improve outcomes in patients with MM
- TRACK 14 CASE DISCUSSION: A 63-year-old patient with MM and multiple lytic bone lesions undergoes treatment with RVD with a delay in zoledronic acid treatment due to unrelated surgery

#### Discussion with Drs Lonial and Brenner (continued)

- TRACK 15 **CASE DISCUSSION:** A 76-year-old patient with a history of slowly progressive MM presents with multiple new bone lesions
- TRACK 16 Perspective on the use of proteasome inhibitors for relapsed or refractory MM
- TRACK 17 **CASE DISCUSSION:** A 64-year-old patient with MM and normal cytogenetics whose disease progresses through multiple lines of therapy
- TRACK 18 Clinical experience, tolerability and side effects of carfilzomib
- TRACK 19 ClaPD (clarithromycin, pomalidomide and dexamethasone) therapy for relapsed or refractory MM
- TRACK 20 Therapeutic options for patients with MM in the late-line setting

- TRACK 21 **CASE DISCUSSION:** A 78-year-old patient with fatigue and mild anemia is diagnosed with smoldering MM
- TRACK 22 Evolving clinical trial data on the management of smoldering MM
- TRACK 23 ECOG-E3A06: A Phase III trial of lenalidomide versus observation for asymptomatic high-risk smoldering MM
- TRACK 24 **CASE DISCUSSION:** A 76-yearold patient with multiple comorbidities, including diabetes and nephrotic syndrome, is diagnosed with monoclonal gammopathy
- TRACK 25 **CASE DISCUSSION:** A 71-yearold patient with ISS Stage I MM achieves a very good partial response with bendamustine/ melphalan → ASCT

# Discussion with Drs Lonial and Brenner (continued)

- TRACK 26 Critical appraisal of studies investigating the benefit of maintenance therapy for patients with MM
- TRACK 27 Risk of second primary cancers with lenalidomide maintenance therapy
- TRACK 28 CASE DISCUSSION: A 62-year-old patient whose disease progresses after 2 transplants achieves a good response to pomalidomide/bortezomib/dexamethasone
- TRACK 29 Activity of oral proteasome inhibitors in MM
- TRACK 30 Sequencing of pomalidomide and carfilzomib in the relapsed/ refractory setting
- TRACK 31 Carfilzomib, lenalidomide and dexamethasone for newly diagnosed MM

## Discussion with Drs Gertz and Rupard (continued)

- TRACK 32 **CASE DISCUSSION:** A 67-yearold patient with a compression fracture in T11 and multiple lytic bone lesions is diagnosed with
- TRACK 33 Role of transplant in the era of novel agents
- TRACK 34 Subcutaneous versus intravenous administration of bortezomib in MM
- TRACK 35 Dose reduction of dexamethasone to mitigate side effects
- TRACK 36 **CASE DISCUSSION:** A 47-yearold patient achieves a complete remission with RVD → ASCT for MM but develops peripheral neuropathy
- TRACK 37 Peripheral neuropathy associated with bortezomib
- TRACK 38 Viewpoint on carfilzomib for newly diagnosed MM
- TRACK 39 Efficacy and tolerability of carfilzomib versus bortezomib
- TRACK 40 **CASE DISCUSSION:** An 84-yearold patient with a long-standing history of monoclonal gammopathy of undetermined significance experiences progression to MM
- TRACK 41 Therapeutic options for initial therapy in elderly patients with newly diagnosed MM

- TRACK 42 Initial results of the Phase III
  FIRST trial of lenalidomide/
  dexamethasone (Rd) versus
  melphalan/prednisone/
  thalidomide (MPT) for transplantineligible patients with newly
  diagnosed MM
- TRACK 43 **CASE DISCUSSION:** A 76-year-old patient with a poor performance status presents with a 6-cm abdominal mass and a lesion in the left femur that is diagnosed as IgA lambda MM
- TRACK 44 CASE DISCUSSION: A 65-yearold patient previously treated for IgG kappa MM receives carfilzomib/dexamethasone on relapse with high-risk, kappa light chain-only MM
- TRACK 45 Use of carfilzomib/pomalidomide/ dexamethasone for relapsed or refractory MM
- TRACK 46 Counseling patients with advanced MM
- TRACK 47 Promising novel anti-CD38 monoclonal antibodies in MM
- TRACK 48 Induction regimens for patients with newly diagnosed MM
- TRACK 49 Monitoring patients with MM
- TRACK 50 Perspective on the management of high-risk smoldering MM

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### QUESTIONS (PLEASE CIRCLE ANSWER):

- 1. Which of the following is an anti-CD38 antibody shown to have promise in MM?
  - a. Elotuzumab
  - b. Daratumumab
  - c. Onartuzumab
  - d. Both a and b
- Vorinostat is a histone deacetylase inhibitor that is approved for use in combination with bortezomib for the treatment of relapsed/refractory MM.
  - a. True
  - b. False
- The MRC Myeloma IX trial demonstrated improved overall survival with the use of zoledronic acid versus clodronate in patients with newly diagnosed MM who had preexisting bone disease.
  - a. True
  - b. False
- 4. The French IFM 2005-02 trial investigating the benefit of lenalidomide maintenance therapy after stem cell transplantation for patients with MM reported a significant improvement in .
  - a. Progression-free survival
  - b. Overall survival
  - c. Both a and b
- is a novel, oral proteasome inhibitor that is currently under investigation for the treatment of MM.
  - a. Oprozomib
  - b. Ixazomib (MLN9708)
  - c. Carfilzomib
  - d. Elotuzumab
  - e. Both a and b
  - f. All of the above

- 6. Which of the following statements is true regarding ixazomib?
  - a. It has shown activity in the relapsed/ refractory setting for MM
  - b. It has <u>not</u> shown activity in newly diagnosed MM
  - c. Neither a nor b
- An ongoing ECOG trial (E3AO6) is evaluating whether early therapy is of benefit to patients with asymptomatic smoldering myeloma by comparing treatment with lenalidomide to observation for these patients.
  - a. True
  - b. False
- 8. The FIRST trial of continuous Rd versus Rd for 18 cycles or MPT for transplant-ineligible patients with newly diagnosed myeloma demonstrated that continuous Rd was statistically superior to MPT in terms of progression-free survival.
  - a. True
  - b. False
- 9. Which of the following statements is true regarding pomalidomide for the treatment of MM?
  - a. Pomalidomide is generally well tolerated
  - b. It was recently FDA approved for the treatment of MM after 2 prior therapies, including lenalidomide and bortezomib
  - c. In combination with dexamethasone, it is effective for patients with 17p deletion
  - d. All of the above
- 10. Carfilzomib is associated with a high incidence of peripheral neuropathy.
  - a. True
  - b. False

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	4 = Excellent	3 = Good	2 = Adequate	1 = Suboptima
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Warren Brenner, MD	4	3	2	1	4	3	2	1	
Morie A Gertz, MD, MACP	4	3	2	1	4	3	2	1	
Erik Rupard, MD	4	3	2	1	4	3	2	1	
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