TARGET AUDIENCE
This activity is intended for hematologists, medical oncologists, hematology-oncology fellows and other healthcare providers involved in the treatment of multiple myeloma (MM).

OVERVIEW OF ACTIVITY
It is estimated that approximately 148,040 new lymphoid and myeloid cancer cases will be identified in the United States in the year 2012, and 65,900 individuals will die from these diseases. Importantly, there are currently over 45 drug products labeled for use in the management of hematologic malignancies, comprising more than 55 distinct FDA-approved indications. While this extensive list of available treatment options is reassuring for patients and oncology healthcare professionals, it poses quite a challenge to the practicing clinician who must maintain up-to-date knowledge of appropriate clinical management strategies across a vast spectrum of liquid and solid tumors.

These proceedings from a case-based CME symposium combine the perspectives of 5 renowned investigators on a number of controversial issues in the diagnosis and treatment of MM with a review of emerging research information in this area to assist medical oncologists, hematology-oncology fellows and other healthcare providers as they attempt to formulate optimal disease management strategies in the face of a constantly evolving body of knowledge.

LEARNING OBJECTIVES
• Integrate the results of emerging clinical research into the selection of optimal systemic therapy for patients with MM who are eligible and ineligible for stem cell transplant.
• Use biomarkers to assess risk for patients with MM, and recommend systemic treatment commensurate with prognosis and likelihood of therapeutic response.
• Compare and contrast patient outcomes with lenalidomide- and bortezomib-based induction therapy, and consider the role of combined immunomodulatory and proteasome inhibitor regimens.
• Communicate the benefits and risks of postinduction maintenance therapy to appropriately selected patients with MM.
• Recognize treatment-associated side effects, and offer patients acceptable alternative dosing/administration and/or supportive management interventions to address them.
• Evaluate the safety profiles and response outcomes observed in studies of next-generation proteasome inhibitors and immunomodulatory agents for patients with MM.
• Counsel appropriately selected patients with MM about participation in ongoing clinical trials investigating novel therapeutic agents and strategies.

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CREDIT DESIGNATION STATEMENT
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This CME activity consists of a video component. To receive credit, the participant should watch the video, complete the Post-test with a score of 70% or better and fill out the Educational Assessment and Credit Form located at ResearchToPractice.com/SecondOpinionMM13/CME.

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RTP scientific staff and an external, independent physician reviewer for fair balance, scientific objectivity of studies referenced and patient care recommendations.

**FACULTY** — The following faculty (and their spouses/partners) reported real or apparent conflicts of interest, which have been resolved through a conflict of interest resolution process:

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This activity is supported by educational grants from Millennium: The Takeda Oncology Company and Onyx Pharmaceuticals Inc.

**Hardware/Software Requirements:**
A high-speed Internet connection
A monitor set to 1280 x 1024 pixels or more
Internet Explorer 7 or later, Firefox 3.0 or later, Chrome, Safari 3.0 or later
Adobe Flash Player 10.2 plug-in or later
Adobe Acrobat Reader
(Optional) Sound card and speakers for audio

**Last review date:** December 2013

**Expiration date:** December 2014


Lonial S et al. Phase I study of twice-weekly dosing of the investigational oral proteasome inhibitor MLN9708 in patients (pts) with relapsed and/or refractory multiple myeloma (MM). Proc ASCO 2012;Abstract 8017.


Richardson PG et al. Oral weekly MLN9708, an investigational proteasome inhibitor, in combination with lenalidomide and dexamethasone in patients (pts) with previously untreated multiple myeloma (MM): A phase I/II study. Proc ASCO 2012;Abstract 8033.

