



MYELODYSPLASTIC SYNDROMES: A NURSE-CENTRIC WORKSHOP ON NOVEL TREATMENT APPROACHES



TARGET AUDIENCE

This activity is designed to meet the educational needs of hematology-oncology nurse specialists.

PURPOSE

To educate nurses on novel approaches to the treatment of myelodysplastic syndromes (MDS), including the use of hypomethylating agents.

PROGRAM OVERVIEW

Epigenetic silencing of genes that function to suppress carcinogenesis caused by aberrant DNA methylation is one of the mechanisms believed to play a role in the pathogenesis of MDS. Preclinical and clinical research has shown that these epigenetic alterations can be reversed with the use of novel hypomethylating agents. The introduction of such agents has led to a paradigm shift in the treatment of MDS. This nurse-centric workshop will comprise three mini-modules addressing diagnostic evaluation, treatment planning, and clinical management of MDS. They will cover, among other areas, an overview of the natural history of MDS, prognostic features, staging and risk classification, and the evolution of MDS treatment. In addition, an explanation of the rationale for using DNA methylation inhibitors in the treatment of MDS, administration of current agents, and their side effects will be included. The concept of epigenetics will be presented via 3-D video animation. The program will conclude with an interactive case-based discussion that will facilitate the incorporation of current research into clinical practice and will include talking points for roundtable discussions on treatment options, symptom management, and patient education. Following the program, nurses may opt to receive a follow-up e-mail series that will reinforce program learning objectives and side-effect management strategies.

LEARNING OBJECTIVES

Upon completion of this program, participants should be better able to:

- Describe the process of epigenetic alterations through aberrant DNA methylation
- Describe the mechanism of action of hypomethylating agents
- Identify potential interaction of hypomethylating agents with other treatments for MDS
- Describe the results of clinical trials evaluating DNA methylation inhibitors for the treatment of MDS
- Outline administration guidelines, side-effect management, and patient education relating to hypomethylating agents

PROGRAM AGENDA

- Program Overview (5 minutes)
- Diagnostic Evaluation (25 minutes)
- Treatment Planning (25 minutes)
- Clinical Management: Case Presentation (20 minutes)
- Questions & Answers (15 minutes)

FACULTY

Sandra E. Kurtin, RN, MS, AOCN®, ANP-C (Chairperson)
Arizona Cancer Center

DISCLOSURE OF CONFLICTS OF INTEREST

The Institute for Medical Education & Research (IMER) requires instructors, planners, managers, and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by IMER for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

ACCREDITATION STATEMENTS

This educational activity for 1.5 contact hours will be provided by IMER. IMER is an approved provider of continuing education by the Georgia Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

IMER is approved by the California Board of Registered Nursing, Provider Number 14763 for 1.8 contact hours.

Application pending approval with the American Academy of Nurse Practitioners (including pharmacology hours).

Sponsored by:



There is no fee for this educational activity.

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MGI PHARMA, Inc.



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Educational Program Request Form

To request a presentation at a meeting in your area, please complete the information below and fax this page to 877-956-9718. You may also request a program via e-mail by contacting requestprogram@imeronline.com, or by calling the IMER team at 305-892-1035, or toll-free at 877-238-8666.

Person requesting program

Date of request

Organization

Street address (no PO boxes, please)

City

State

ZIP

Contact phone

Contact fax

Contact e-mail address

Expected number of attendees

Date and time of requested program (first choice)

Date and time of requested program (second choice)

Date and time of requested program (third choice)

Suggested location for educational program (first choice)

Phone

Address

Suggested location for educational program (second choice)

Phone

Address

Suggested location for educational program (third choice)

Phone

Address