Clinical and Multidisciplinary Hematology and Oncology 2014:
The 11th Annual Review

Friday – Sunday
January 24-26, 2014

Westin Kierland Resort & Spa
Scottsdale, Arizona

Course Directors:
Joseph R. Mikhael, M.D.
Donald W. Northfelt, M.D.

Highlights:
• Oncology
• Benign Hematology
• Malignant Hematology
• Palliative Care
• Dedicated Sessions for Nurses, PAs, NPs, and Pharmacists
• AMA, AAFP, ACPE, AOA, Nursing Credits offered

$75 DISCOUNT FOR ONLINE REGISTRATION
Go to www.mayo.edu/cme (offer expires December 28, 2013)
COURSE HIGHLIGHTS
This course will be a comprehensive update and management strategies for issues in hematologic and oncologic malignancies presenting new disease classification, treatment, and challenging cases. Course topics will include updates from the American Society of Hematology (ASH) annual meeting and in medical oncology. Topics focus on key hematologic diseases (dysproteinemias, acute and chronic leukemias, lymphomas), key solid tumors (breast, thoracic, GI, GU), and overlap topics of supportive, ancillary and diagnostic care. The course offers challenging and interactive sessions on pertinent issues involved with the care of patients. The course will include breakout sessions for one-on-one interaction between faculty and learners and, opportunities will be available for in-depth discussion and interaction with many of the thought leaders in hematology and oncology.

COURSE LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:
• Provide an update in key clinical areas of hematology, oncology, palliative care, surgical oncology and radiation oncology
• Discuss the importance and clinical significance of oral adherence to chemotherapy
• Explain new options of therapy for relapsed multiple myeloma
• Review new response criteria for myeloproliferative neoplasm
• Describe novel means of pain control for cancer patients
• Provide an overview of thoracic oncology interventions that can be used in addition to chemotherapy
• Review the field of genomic analysis and its implication for clinical practice
• Identify examples of integrative oncology approaches

INTENDED AUDIENCE
This course is designed for Hematologists, Oncologists, Physician Assistants Nurse practitioners, Nurses, Pharmacists, and anyone interested in the diagnosis and treatment of hematologic and oncologic disorders.

GRANTS AND EXHIBITS
This course is supported in part by educational grants, in accordance with ACCME and ACPE standards. As of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the meeting. Exhibits will be available for viewing at all scheduled breaks.

DISCLAIMER
Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

CREDIT
Physicians
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Mayo Clinic College of Medicine designates this live activity for a maximum of 18.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending. This program has been accredited by the American Osteopathic Association for 18.75 credits of AOA Category 2-A.

Pharmacists
Mayo Clinic College of Medicine, Mayo School of Continuous Professional Development is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. At the time of this printing, Mayo Clinic College of Medicine has not determined the number of knowledge-based pharmacy contact hours. Please refer to http://www.mayo.edu/cme/internal-medicine-and-subspecialties-2014s431 for up-to-date pharmacy credit information. Participants should only claim credit commensurate with the extent of their participation in the activity.

Nurses
Mayo Clinic in Arizona is an approved provider of continuing nursing education by the Arizona Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

RECREATION AND LEISURE ACTIVITIES
Visit www.visitphoenix.com or www.scottsdalecvb.com for additional recreation and leisure activities.

TRANSPORTATION
Ground Transportation: Hertz is offering a reduced daily rate for participants attending the course. Call (800) 654-2240 and refer to CV Number #03NR0009 when making reservations. Supershuttle vans offer airport transportation to and from the hotel. To make reservations, call (800) 258-3826 or (602) 244-9000.
ACCOMMODATIONS
Westin Kierland Resort & Spa
6902 E. Greenway Parkway
Scottsdale, Arizona 85254
(480) 624-1000 or (800) 354-5892
www.kierlandresort.com
Online Reservations:
https://www.starwoodmeeting.com/Book/HemaOnco2014
A limited block of guest rooms is reserved for attendees with a special course rate of $285 single or double occupancy per night at the Westin Kierland Resort. Group rates will be honored 3 days prior and 3 days following the course dates, based upon space availability. To ensure accommodations make your reservations before the room block fills or by January 2, 2014 via website: https://www.starwoodmeeting.com/Book/HemaOnco2014 or call (800) 254-5892. You are urged to make reservations early. Attendees are responsible for their own reservations. The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified. Complimentary high-speed Internet provided in guest room, and complimentary self-parking.
Check-in time is 4:00 pm; checkout time is 12:00 pm.

Faculty

MAYO CLINIC
Karen S. Anderson, M.D., Ph.D.
Associate Professor of Medicine
Jonathan B. Ashman, M.D., Ph.D.
Assistant Professor of Radiation Oncology
Mitesh J. Borad, M.D.
Assistant Professor of Medicine
Alan H. Bryce, M.D.
Assistant Professor of Medicine
Angela Dispenzieri, M.D.
Professor of Laboratory Med/Pathology and Medicine
Veena D. Fauble, M.D.
Instructor of Medicine
Tom R. Fitch, M.D.
Associate Professor of Medicine
Sameer R. Keole, M.D.
Assistant Professor of Radiation Oncology
Jose F. Leis, M.D., Ph.D.
Associate Professor of Medicine
Minetta C. Liu, M.D.
Associate Professor of Oncology
Ruben A. Mesa, M.D.
Professor of Medicine
Denise M. Millstine, M.D.
Instructor in Medicine
Harshita R. Paripati, M.D.
Assistant Professor of Medicine
Rajiv K. Pruthi, MBBS
Associate Professor of Medicine
Sara W. Reder, M.D.
Senior Associate Consultant, Palliative Medicine
Craig B. Reeder, M.D.
Assistant Professor of Medicine
Helen J. Ross, M.D.
Associate Professor of Medicine
William G. Rule, M.D.
Instructor in Radiation Oncology
Tait D. Shanafelt, M.D.
Professor of Medicine
Keith Stewart, MB, ChB
Professor of Medicine
Karen L. Swanson, D.O.
Associate Professor of Medicine
Raoul Tubes, M.D., Ph.D.
Assistant Professor of Medicine
Carrie A. Thompson, M.D.
Assistant Professor of Medicine
Alexandra P. Wolanskyj, M.D.
Assistant Professor of Medicine

VISITING FACULTY
John Carpten, Ph.D.
Senior Investigator & Director
Genetic Basis of Human Disease Division
Translational Genomics Research Institute

Jody Pelusi, Ph.D., FNP, AOCNP
Oncology Nurse Practitioner
Northern Arizona Hematology and Oncology Associates

David P. Steensma, M.D.
Associate Professor of Medicine
Harvard Medical School

PLANNING COMMITTEE
Carla M. Johnson, R.N.
RN Unit Educator, ARZ-Clinical & Patient Edu.
Erika L. Peloke, Pharm.D., R.Ph.
Pharmacist
Lilia Murray
CME Specialist

* Course Directors

FACULTY DISCLOSURE: As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPE) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

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Program

Friday, January 24, 2014

7:00 a.m.  Registration/Continental Breakfast
7:45   Welcome Announcements

MYELOID DISEASES
8:00  Myeloproliferative Neoplasms and CML
      Ruben A. Mesa, M.D.
8:30  Myelodysplastic Syndromes
      David P. Steensma, M.D.
9:00  Acute Myeloid Leukemia
      Raoul Tibes, M.D., Ph.D.
9:30  Bone Marrow Transplant for Myeloid Diseases
      Veena D. Fauble, M.D.
10:00  Q & A Panel Discussion
10:30  Break

KEYNOTE LECTURE AND BREAKOUT SESSIONS
10:45  Keynote: Managing Oral Cancer/Hematology Therapies – The Evolving Partnership
      Jody Pelusi, NP, Ph.D.
11:30  BREAKOUT SESSIONS:
      Physicians, Nurses, NP/PA, Pharmacists
12:30 p.m.  Q&A Panel Discussion
12:45  Lunch

ONCOLOGY – THORACIC
1:30  Complex Airway Management: State of the Art of Interventional Pulmonology
      Karen L. Swanson, D.O.
2:00  Stereotactic Radiation and Novel Techniques for Primary and Metastatic Lung Malignancies
      Jonathan B. Ashman, M.D., Ph.D.
2:30  Targeted Treatments: Pathway Directed Therapy for Lung, Mesothelial and Esophageal Cancers
      Helen J. Ross, M.D.
3:00  Q&A Panel Discussion
3:15  Break
3:30  Multimodality Therapy for Esophageal Cancers
      William G. Rule, M.D.
4:00  Second Line Therapy and Beyond
      Harshita R. Paripati, M.D.
4:30  Q & A Panel Discussion
5:00  Adjourn
5:15  Reception

Saturday, January 25, 2014

7:30 a.m.  Continental Breakfast

MYELOMA
8:00  Initial Therapy
      Angela Dispenzieri, M.D.
8:30  The Role of Transplant and Maintenance
      Joseph R. Mikhael, M.D.
9:00  Novel Therapies
      Keith Stewart, MB, ChB
9:30  Q & A Panel Discussion
10:00  Break

LYMPHOPROLIFERATIVE DISEASES
10:15  Diffuse Large B Cell Lymphomas
      Craig B. Reeder, M.D.
10:45  Follicular Lymphoma
      Carrie A. Thompson, M.D.
11:15  Chronic Lymphocytic Leukemia in Younger Patients
      Tait D. Shanesfeld, M.D.
11:45  Chronic Lymphocytic Leukemia in the Elderly
      Jose F. Leis, M.D., Ph.D.
12:15 p.m.  Q & A Panel Discussion
12:45  Lunch

ONCOLOGY – BREAST DISEASE
1:45  Biomarkers Related to Breast Cancer
      Karen S. Anderson, M.D., Ph.D.
2:15  Post-Mastectomy RT
      Sameer R. Keole, M.D.
2:45  Q & A Panel Discussion
3:00  Break
3:15  Breast Cancer Update
      Minnetta C. Liu, M.D.
3:45  Integrative Medicine Related to Breast Cancer
      Denise M. Millstine, M.D.
4:15  Q & A Panel Discussion
4:30  Adjourn

Sunday, January 26, 2014

7:30 a.m.  Continental Breakfast

POTPOURRI
8:00  Thrombosis for the Oncologist
      Rajiv K. Pruthi, MBBS
8:30  An Update in ITP
      Alexandra P. Wolanskyj, M.D.
9:00  Pain Management in 2014
      Sara W. Reder, M.D.
9:30  Advanced Hematology/Oncology Disease Management Strategies – Retooling Our Practices to Thrive in the Era of “Affordable Care”
      Tom R. Fitch, M.D.
10:00  Q & A Panel Discussion
10:30  Break

ONCOLOGY
10:45  Translation of Cancer Genomics Knowledge to the Clinic
      John Carpten, Ph.D.
11:15  Targeted Therapy Advances in Melanoma
      Alan H. Bryce, M.D.
11:45  Application of Whole Genome Sequencing to the Clinic
      Mitesh J. Borad, M.D.
12:15 p.m.  Q & A Panel Discussion
12:30  Adjourn

Program schedule is subject to change without notice.
**REGISTRATION FORM**

Clinical and Multidisciplinary Hematology and Oncology 2014

*The 11th Annual Review*

January 24-26, 2014

The registration fee includes tuition, comprehensive electronic course syllabus, daily continental breakfast, break refreshments, and all luncheons, plus a reception on Friday, January 24, 2014. Registration at the standard fee may be completed using this form and faxing it to (480) 301-9176. Or you can mail it to: Mayo Clinic, Mayo School of Continuous Professional Development, 13400 East Shea Boulevard, Scottsdale, Arizona 85259. An email confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please email us at mca.cme@mayo.edu or call (480) 301-4580.

No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a $75 administrative fee will be refunded when notification is received on or before January 10, 2014. No refunds will be made after this date.

Although it is not Mayo Clinic’s policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Walk-in registrations cannot be guaranteed.

Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/ hotel fees or penalties are the responsibility of the registrant.

**ONLINE SYLLABUS:** Your registration fee includes access to a detailed online syllabus, emailed one week prior to the course. This allows you to view, save, or print the syllabus before attending the course. If you want to order a paper copy (additional fee), check the box at the bottom of this registration form.

Your type of practice:
- [ ] Solo
- [ ] Group
- [ ] University
- [ ] Resident/Fellow
- [ ] Retired
- [ ] Other: ________

Years in practice:
- [ ] 0-4
- [ ] 5-10
- [ ] 11-15
- [ ] 16-25
- [ ] > 25

Course Registrant List (Check only if you want your name removed)
- [ ] I do not want information (ie, name, degree, city, and state) to appear on the course registrants list.

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**Registration**

Please print. Use duplicate form for multiple registrations.

<table>
<thead>
<tr>
<th>Name of Registrant – first, middle, and last name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Degree/Certification Medical Specialty</td>
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Preferred mailing address is: (select one)
- [ ] Work/Business
- [ ] Home

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<th>Address</th>
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<tbody>
<tr>
<td>City State/Province ZIP/Postal Code</td>
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Country Email

Daytime Telephone Fax

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**$75 DISCOUNT for online registration! Go to www.mayo.edu/cme (offer expires December 28, 2013)**

*Note: When registering online, please be sure to “check-out” after your profile is completed/updated.*

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<th>Standard Fee On-line Discount</th>
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<td>Physicians Active in Practice</td>
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<td>Allied Health (Nurses, NPs, PAs, Pharmacists)</td>
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<td>Other (residents and retired)</td>
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*Note: Please refer to course agenda for included meals and refreshment breaks.*

| Paper copy of the syllabus |

*Note: Due to printing deadlines, this option will not be available after January 10, 2014*

**OPTIONAL: EVENING RECEPTION** – Friday, January 24, 2014, 5:15-6:30 p.m.

(Two tickets are included in registration fee)

- [ ] Yes, I will attend (included in registration fee)
- [ ] Yes, I will attend and bring one guest (included in registration fee)
- [ ] Additional Guest(s) fees: ____________________# of additional adult tickets – $65 each
- [ ] No, I will not be able to attend $______________

**Payment Information** *(US Funds Only)*

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<th>Credit Card (select one)</th>
<th>Account Number</th>
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<td>Discover</td>
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<td>[ ] Visa</td>
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Signature Date

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