Clinical and Multidisciplinary
HEMATOLOGY & ONCOLOGY
The 14th Annual Review 2017

COURSE DIRECTORS:
Alan H. Bryce, M.D.
Joseph R. Mikhael, M.D., M.Ed., F.R.C.P.C.
Donald W. Northfelt, M.D.

JOINTLY PROVIDED BY MAYO SCHOOL OF CONTINUOUS PROFESSIONAL DEVELOPMENT AND MAYO CONTINUING NURSING EDUCATION

REGISTER NOW!
at ce.mayo.edu/hemonc2017 by Jan. 5, 2017

JANUARY 27–29, 2017
OMNI SCOTTSDALE RESORT & SPA
AT MONTELUCIA
SCOTTSDALE, ARIZONA

COURSE DIRECTORS:
Alan H. Bryce, M.D.
Joseph R. Mikhael, M.D., M.Ed., F.R.C.P.C.
Donald W. Northfelt, M.D.
COURSE DESCRIPTION
This course will provide multidisciplinary comprehensive update and management strategies of issues in hematologic and oncologic malignancies presenting new disease classification, treatment, and challenging cases. 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. AMA, Nursing and ACPE credits are offered at this course.

COURSE LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:

• List updates in key areas of clinical hematology, medical oncology, radiation oncology and surgical oncology

• Identify an approach to the treatment of multiple myeloma and lymphoma in light of novel agents available

• Classify novel means of anticoagulation and the indications of newer agents

• Review the rationale for stem cell transplantation and its indications in hematological diseases

• Define a clinical approach to the treatment of GI malignancies

• Identify the targeted approach to lung cancers and their challenges

• Review the importance of immunotherapy in oncology and its practical use

• Express the importance of the multidisciplinary team in the care of patients with cancer

• Identify where application of immunotherapy may benefit patients with breast cancer.

• Appraise how physical activity can prevent breast cancer and reduce likelihood of breast cancer relapse in your patients.

• Review how sexual function is impacted upon by breast cancer treatment and how the negative impacts can be overcome.

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

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

CREDIT
Mayo Clinic College of Medicine designates this live activity for a maximum of 20.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP
Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

AOA
This program has been accredited by the American Osteopathic Association for 20.25 credits of AOA Category 2-A.

ACPE
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

Visit the activity’s website for additional information regarding the ACPE credit offering.

Nursing
This conference is offered in cooperation with Mayo Continuing Nursing Education.

Mayo Continuing Nursing Education is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

Other Health Care Professionals
A record of attendance will be available to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

RECREATION/LEISURE ACTIVITIES
Visit www.visitphoenix.com or www.experiencescottsdale.com for additional recreation and leisure activities.
**General Information**

**MEETING LOCATION & ACCOMMODATIONS**

The Omni Scottsdale Resort & Spa at Montelucia
4949 East Lincoln Drive • Scottsdale, Arizona 85253 • Web: www.montelucia.com

Make your reservations online: https://www.omnihotels.com/scottsdalehemoc2017

A special group rate of $289 (USD), per room per night, plus applicable city/state sales tax, single or double occupancy, is extended to course participants and guests. Group rates apply three days prior to and three days post-course dates, based upon availability. The resort charge has been waived and includes guest room internet and daily fitness center access. To ensure accommodations, make your reservation via website, www.omnihotels.com/scottsdalehemoc2017 or call (888) 627-3010 and reference Mayo Clinic Hematology and Oncology. Reservations will be taken following this date based upon room and rate availability. Attendees are responsible for their own reservations. The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified. Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

**TRAVEL**

Airport: Phoenix Sky Harbor International Airport; PHX (8.5 miles) www.skyharbor.com

Hertz is offering a reduced daily rate for course registrants. Visit Hertz online at www.tinyurl.com/Mayo-ClinicHertz (CV 03NR0012) Special rates include unlimited mileage and are subject to availability. Advance reservations are recommended; blackout dates may apply.

SuperShuttle vans offer airport transportation to and from area hotels and businesses. To make reservations, call (800) 258-3826 or (602) 244-9000, or visit www.supershuttle.com.

**Faculty**

**MAYO CLINIC**

Daniel H. Ahn, D.O.
Karen S. Anderson, M.D.
Tanios S. Bekaii-Saab, M.D., F.A.C.P.
Mitesh J. Borad, M.D.
Alan H. Bryce, M.D.*
Roxana S. Dronca, MD
Rafael Fonseca, M.D.
James M. Foran, M.D., F.R.C.P.C.
Maryann Forrett, C.N.P., R.N.
Richard J. Gray, M.D.
Sharene Hollenbach, R.N., O.C.N.
Patrick B. Johnston, M.D., Ph.D.
Neil E. Kay, M.D.
Emily A. Knight, N.P.
Shaji Kumar, M.D.
Jose F. Leis, M.D., Ph.D.

Ariela L. Marshall, M.D.
Angela A. Mayo, F.A.C.C., M.S.
Andre L. McNatty, PharmD, R.Ph.
Joseph R. Mikhail, M.D., ME, F.R.C.P.C.*
Pierre Noel, M.D.
Donald W. Northfelt, M.D.*
Jeanne M. Palmer, M.D.
Harshita R. Paripati, M.D.
Mrinal S. Patnaik, M.B.B.S.
Ramesh K. Ramanathan, M.B.B.S.
Helen J. Ross, M.D.
Aleksandar Sekulic, M.D., Ph.D.
Parminder Singh, M.D.
Angela M. Toro, C.N.P., M.S.N., R.N.
Tamara Z. Vern-Gross, D.O.

Richard J. Gray, M.D.

**VISITING FACULTY**

Daniel O. Persky, M.D.
Associate Professor of Medicine
University of Arizona – Tucson, Arizona

Deborah M. Siegal, M.D., M.Sc., F.R.C.P.C.
Clinical Scholar
McMaster University

**FACULTY DISCLOSURE:** As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, 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 also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in the course materials so those participants in the activity may formulate their own judgments regarding the presentation.

**NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM**

Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).
## Friday, January 27, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>7:45</td>
<td>Welcome Announcement, Pre-Test</td>
</tr>
</tbody>
</table>

### MYELOMA SESSION

- **8:00**  
  Upfront Therapy for Myeloma  
  Joseph R. Mikhael, M.D., M.Ed., F.R.C.P.C.  
- **8:30**  
  Transplant and CAR-T Cell Therapy  
  Shaji Kumar, M.D.  
- **9:00**  
  Relapsed Therapy for Myeloma  
  Rafael Fonseca, M.D.  
- **9:30**  
  Supportive Care in Myeloma  
  Angela A. Mayo, P.A.-C., M.S.  
- **9:45**  
  Q&A  
- **10:15**  
  Break

### CLL SESSION

- **10:30**  
  Optimal Approaches for the Management of Patients with Deletion  
  Neil E. Kay, M.D.  
- **11:00**  
  Optimal Management of Standard and Favorable-Risk Chronic Lymphocytic Leukemia  
  Jose F. Leis, M.D., Ph.D.  
- **11:30**  
  Biosimilars  
  Andrea L. McNatty, PharmD. R.Ph.  
- **11:45**  
  Panel Presentation/Discussion + Post-Test

### BREAST SESSION

- **1:15**  
  Breast Cancer Immunotherapy  
  Karen S. Anderson, M.D.  
- **1:45**  
  Exercise as a Treatment for Breast Cancer  
  Donald W. Northfelt, M.D.  
- **2:15**  
  Application of Proton Radiation in Management of Breast Cancer  
  Tamara Z. Vern-Gross, D.O.  
- **2:45**  
  Intimacy and Cancer  
  Maryann Forrett, C.N.P., R.N.  
- **3:00**  
  Panel Presentation/Discussion  
- **3:30**  
  Break

### GENITOURINARY (GU)

- **3:45**  
  Advances in Urothelial Carcinoma  
  Parminder Singh, M.D.  
- **4:15**  
  Metastatic Prostate Cancer Management  
  Alan H. Bryce, M.D.  
- **4:45**  
  Systemic Therapy in Renal Cell Carcinoma  
  Roxana S. Dronca, M.D.  
- **5:15**  
  Panel Presentation/Discussion + Post-Test

### Saturday, January 28, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:45</td>
<td>Welcome, Pre-Test, Announcements</td>
</tr>
</tbody>
</table>

### LYMPHOMA SESSION

- **8:00**  
  Treating Aggressive Lymphoma  
  Thomas E. Witzig, M.D.  
- **8:30**  
  Treating Indolent Lymphoma  
  Daniel O. Persky, M.D.  
- **9:00**  
  Hodgkin’s Disease  
  Patrick B. Johnston, M.D., Ph.D.  
- **9:30**  
  Symptom Management in Lymphoma  
  Angela M. Toro, C.N.P., M.S.N., R.N.  
- **9:45**  
  Panel Presentation/Discussion  
- **10:15**  
  Break

### BENIGN HEMATOLOGY SESSION

- **10:30**  
  Thrombosis for the Oncologist  
  Deborah M. Siegal, M.D., M.Sc., F.R.C.P.C.  
- **11:15**  
  Bleeding Disorders 2016  
  Ariela L. Marshall, M.D.  
- **11:45**  
  Keynote Speaker: Military Medicine  
  Pierre Noel, M.D.  
- **12:30 p.m.**  
  Lunch

### GASTROINTESTINAL (GI)

- **1:15**  
  Biliary Cancer: A Heterogeneous Disease  
  Tanios S. Bekaii-Saab, M.D., F.A.C.P.  
- **1:45**  
  Hepatocellular Cancer: A Changing Therapeutic Landscape  
  Mitesh J. Borad, M.D.
1:15  Neuroendocrine Tumors: Recent Advances and Long-Term Outcomes  Daniel H. Ahn, O.D.
2:45  Panel Presentation/Discussion  Ramesh K. Ramanathan, M.D. – Lead
3:15  Break

**THORACIC SESSION**

3:30  Immunotherapy for Thoracic Malignancies: Focus on NSCLC 1st and 2nd Line and Beyond  Harshita R. Paripati, M.D.
4:00  NSCLC with Driver Mutations: How and When to Use TKIs, Management of Resistance  Helen J. Ross, M.D.
4:30  Side Effect Management of TKIs  Sharene Hollenbach, R.N., O.C.N.
4:45  Panel Presentation/Discussion + Post-Test
5:15  Adjourn

---

**Program**

- **Sunday, January 29, 2017**
  - 7:00 a.m. Continental Breakfast
  - 7:45 Welcome, Pre-Test, Announcements

**MYELOID SESSION**

- 8:00 Myelodysplasia  Mrinal S. Patnaik, M.B.B.S.
- 8:30 Acute Myeloid Leukemia  James M. Foran, M.D., F.R.C.P.C.
- 9:00 Myeloproliferative Neoplasms  Jeanne M. Palmer, M.D.
- 9:30 Symptom Management in MPN  Emily A. Knight, N.P.
- 9:45 Panel Discussion/Post-Test
- 10:15 Break

**MELANOMA TUMOR BOARD**

- 10:30 Melanoma and Lung Cancer Cases
  - Alan H. Bryce, M.D.; Richard J. Gray, M.D.; Aleksandar Sekulic, M.D., Ph.D.
- Noon Discussion
- 12:15 p.m. Adjourn

---

Visit ce.mayo.edu/hemonc2017 to register online.

The registration fee includes tuition, comprehensive course syllabus (electronic) continental breakfasts, lunch, break refreshments, and reception. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A confirmation is provided upon receipt of payment. Please present the confirmation letter when checking in at the meeting registration desk.

**CANCELLATION POLICY**

If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CPD before Friday, January 13, 2017 (mca.cme@mayo.edu). No refunds will be made on or after Friday, January 13, 2017. Canceled registrations are non-transferable.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

For additional information, contact:
Mayo School of Continuous Professional Development
13400 East Shea Boulevard • Scottsdale, Arizona 85259
Website: ce.mayo.edu • E-mail: mca.cme@mayo.edu • Phone number: (480) 301-4580

---

**Registration Information**

**REGISTRATION FEE (in USD)**

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>Early</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians/Scientists</td>
<td>$525</td>
<td>$600</td>
</tr>
<tr>
<td>Residents, Physician Assistants, Nurse Practitioners, Fellows, Nurses, Pharmacists</td>
<td>$250</td>
<td>$325</td>
</tr>
</tbody>
</table>

Register Now! $75 Discount for Early Registration (expires January 5, 2017) ce.mayo.edu/hemonc2017

Program schedule is subject to change without notice.
$75 DISCOUNT when you register by January 5, 2017 at: ce.mayo.edu/hemonc2017

For more information, contact Mayo School of Continuous Professional Development
Website: https://ce.mayo.edu • E-mail: mca.cme@mayo.edu • Phone: 480-301-4580

Clinical and Multidisciplinary Hematology and Oncology 2017: The 14th Annual Review
The Omni Scottsdale Resort and Spa at Montelucia
Scottsdale, Arizona
Friday – Sunday
January 27-29, 2017