Traveling CME
OHSU Knight Cancer Institute
2013–2014

Date: Upon request
Location: Your practice

Who: Primary Care Physicians, Oncologists, Radiation oncologists, Surgeons, Gastroenterologists, Hepatologists, Urologists, Pulmonologists, Endocrinologists, Otolaryngologists, Dermatologists, Hematologists, and Radiologists

1.0 AMA PRA Category 1 Credit™
Traveling CME — OHSU Knight Cancer Institute Faculty

Joshi J. Alumkal, M.D.
Assistant Professor, Hematology & Medical Oncology
(Prostate cancer)

Christopher Amling, M.D.
Professor and Chief, Urologic Oncology
(Surgical treatment of prostate, kidney and bladder cancer, robotic prostatectomy, laparoscopic and/or robotic nephrectomy or partial nephrectomy and robotic cystectomy for bladder cancer)

Peter Andersen, M.D., F.A.C.S.
Professor, Otolaryngology, Head and Neck Surgery
(Head and neck oncology, squamous carcinoma of the head and neck, salivary gland tumors, thyroid surgery, hyperparathyroidism, skin cancer, melanoma, tumors of the nose and paranasal sinuses and Zenker’s diverticulum)

Gene Bakis, M.D.
Assistant Professor, Gastroenterology
(Therapeutic endoscopy, ERCP, EUS, diseases of pancreas and biliary tract, endoscopic treatment of Barrett’s esophagus, acute and chronic pancreatitis)

Tomasz M. Beer, M.D.
Professor, Hematology & Medical Oncology
(Prostate cancer)

Kevin Billingsley, M.D.
Hedinger Professor and Chief, Surgical Oncology
(Gastrointestinal, pancreatic, bile duct, gallbladder, stomach, colon cancer, surgery for liver tumors, metastatic cancer to the liver, minimally invasive surgery for cancer and retroperitoneal sarcoma)

David Calverley, M.D.
Associate Professor, Hematology & Medical Oncology
(Hemostasis, thrombosis, platelet disorders, cytopenias and myeloproliferative disorders)

Andy Chen, M.D., Ph.D.
Assistant Professor, Hematology & Medical Oncology
(Hematologic malignancies, lymphoma and bone marrow transplant)

Stephen Chui, M.D.
Assistant Professor, Hematology & Medical Oncology
(Breast cancer, head and neck cancer and solid tumor medical oncology)

Christopher L. Corless, M.D., Ph.D.
Professor and Vice Chair for Research, Pathology
(Surgical pathology)

Thomas G. DeLoughery, M.D., F.A.C.P.
Professor, Hematology & Medical Oncology
(Hematology, thrombosis and immune thrombocytopenia)

Samir B. Desai, M.D.
Assistant Professor, Hematology & Medical Oncology
(Hematology, gastrointestinal, esophageal and colorectal cancer)

Brintha Evenstvedt, M.D.
Assistant Professor, Gastroenterology
(Digestive health, and digestive surgery)

Fred Ey, M.D., F.A.C.P.
Assistant Professor, Hematology & Medical Oncology
(Thoracic oncology and genitourinary cancer, blood diseases, hematology and benign blood disorders)

Brian Fennerty, M.D.
Professor, Gastroenterology
(Digestive health)

Cristina Fuss, M.D.
Professor, Radiology
(Diagnostic radiology)

Erin W. Gilbert, M.D.
Assistant Professor, Gastrointestinal Surgery
(Surgery for pancreatic and peri-ampullary cancers, pancreatic neuroendocrine tumors and adrenal tumors, gallbladder cancer, gastric cancer and minimally invasive surgery)

Julie Graff, M.D.
Assistant Professor, Hematology & Medical Oncology
(Prostate cancer)

Neil D. Gross, M.D., F.A.C.S.
Associate Professor, Otolaryngology, Head and Neck Surgery
(Robotic surgery, thyroid cancer, aggressive skin cancer and function-preserving multidisciplinary treatment for all head and neck cancers)

Michael C. Heinrich, M.D.
Professor, Hematology & Medical Oncology
(Gastrointestinal stromal tumors, and chronic myeloid leukemia)
Daniel Herzig, M.D.
Assistant Professor, Colon and Rectal Surgery
(Colorectal cancer screening and treatment, laparoscopic and minimally invasive colon surgery and hereditary colorectal cancers)

Arthur Y. Hung, M.D.
Assistant Professor, Radiation Oncology
(Genitourinary and gastrointestinal cancers and soft-tissue sarcoma)

John G. Hunter, M.D.
Mackenzie Professor and Chair, Gastrointestinal Surgery
(UGI tract surgery, esophageal and stomach cancer, gallstone disease and minimally invasive surgery)

Charlotte Dai Kubicky, M.D., Ph.D.
Assistant Professor, Radiation Oncology
(Hepatobiliary, breast and gastrointestinal cancer and central nervous system tumors)

Sancy Leachman, M.D.
Professor and Chair, Dermatologic Surgery
(General dermatology, melanoma, skin cancers, genetic skin disorders)

David Lieberman, M.D.
Professor and Division Head, Gastroenterology
(Digestive health)

Charles Lopez, M.D., Ph.D.
Associate Professor, Hematology & Medical Oncology
(Gastrointestinal medical oncology and tumor biology)

Kim Lu, M.D.
Associate Professor, Colon and Rectal Surgery
(Cancer of small intestine, colon, rectum and anus)

Carol Marquez, M.D.
Associate Professor, Radiation Oncology
(Central nervous system and gynecologic tumors, breast and pediatric cancer)

Robert G. Martindale, M.D., Ph.D.
Professor and Chief, Division of General Surgery, Nutritional Needs for Oncology Patients
(Preoperative nutritional approaches to optimize cancer surgery outcome, nutritional management of postoperative nutritional complications, nutritional issues related to chemotherapy and radiation)

Mira M. Milas, M.D., F.A.C.S.
Professor, Otolaryngology, Head and Neck Surgery
(Thyroid and parathyroid cancer)

Nir Modiano, M.D., Ph.D.
Assistant Professor, Gastroenterology
(Digestive health)

Arpana Naik, M.D.
Assistant Professor, Surgical Oncology
(Breast cancer)

Craig Okada, M.D., Ph.D.
Assistant Professor, Hematology & Medical Oncology
(Lymphoma)

Robert Raish, M.D.
Assistant Professor, Hematology & Medical Oncology

Christopher W. Ryan, M.D.
Associate Professor, Hematology & Medical Oncology
(Sarcoma and genitourinary cancer)

Paul Schipper, M.D.
Associate Professor, General Thoracic and Cardiothoracic Surgery
(Lung cancer, benign and malignant esophageal surgery and emphysema surgery)

Emma Scott, M.D.
Assistant Professor, Hematology & Medical Oncology
(Multiple myeloma and other plasma cell dyscrasias)

Brett C. Sheppard, M.D.
Professor and Clinical Vice-Chair, Gastrointestinal Surgery
(Surgery for pancreatic and peri-ampullary cancers, pancreatic neuroendocrine and adrenal tumors, gallbladder cancer, liver metastasis and primary hepatocellular cancer, minimally invasive robot assisted surgery and surgical quality of care)

Maisie L. Shindo, M.D., F.A.C.S.
Professor, Otolaryngology, Head and Neck Surgery
(Thyroid and parathyroid cancer surgery)

Stephen E.F. Spurgeon, M.D.
Assistant Professor, Hematology & Medical Oncology
(Chronic lymphocytic leukemia)

Gary Takahashi, M.D.
Assistant Professor, Hematology & Medical Oncology
(Gastrointestinal and esophageal cancer and benign blood disorders)

James Tanyi, M.D.
Medical Physicist, Radiation Oncology
(Radiation therapy)
Jason Taylor, M.D., Ph.D.
Assistant Professor, Hematology & Medical Oncology
(Hematology, thrombosis and immune thrombocytopenia)

Matthew Taylor, M.D.
Assistant Professor, Hematology & Medical Oncology
(Head and neck cancer, thyroid cancer)

Charles R. Thomas, Jr., M.D.
Professor and Chair, Radiation Oncology
(GI and thoracic malignancies)

Brandon H. Tieu, M.D.
Assistant Professor, General Thoracic and Cardiothoracic Surgery
(General thoracic surgery with a special interest in minimally invasive lung, esophageal and mediastinal surgery)

Liana Tsikitis, M.D.
Assistant Professor, Colon and Rectal Surgery
(Colorectal cancer screening and treatment, laparoscopic and minimally invasive colon surgery and hereditary colorectal cancers)

Gina Vaccaro, M.D.
Assistant Professor, Hematology & Medical Oncology
(Coloctal, stomach, gastrointestinal, liver and pancreatic cancer)

John Vetto, M.D., F.A.C.S.
Professor, Surgical Oncology
(Melanoma, breast cancer, sarcoma, head and neck cancer, lung cancer and GI malignancies)

Jacqueline Vuky, M.D.
Assistant Professor, Hematology & Medical Oncology
(Genitourinary malignancies, breast and colon cancer)

Kevin W.H. Yee, M.D.
Assistant Professor, Hematology & Medical Oncology
(Acute leukemia, chronic lymphocytic leukemia, chronic myeloid leukemia, lymphoma and myelodysplastic syndrome)

(Speakers subject to change)

SESSION SELECTION

ABDOMEN, UPPER AND LOWER GASTRO-INTESTINAL

Barrett’s Esophagus: Detection, surveillance and treatment
Brian Fennerty, M.D., John Hunter, M.D.
Understand the following:
• The biology and genesis of Barrett’s Esophagus (BE)
• Treatment objectives and options
• Malignant transformation of BE, including methods for decreasing risk of progression

What to do with abdominal incidentaloma
Kevin Billingsley, M.D., Erin Gilbert, M.D., Charles Lopez, M.D., Ph.D., Brett Sheppard, M.D., Gina Vaccaro, M.D.
Learning objectives:
• Understand the diagnosis of foregut, pancreatic, hepatic and adrenal incidentalomas
• Learn the optimal imaging studies and interventions to reach a diagnosis
• Understand the short and possible long-term management of each tumor

Advances in the multidisciplinary approach to upper GI Cancers (medical oncology)
Samir Desai, M.D., Charles Lopez, M.D., Ph.D., Gina Vaccaro, M.D., Gary Takahashi, M.D., Kevin Yee, M.D.
Understand the following:
• Multidisciplinary care of patients with upper GI cancers
• The standard of care for systemic therapy based on evidence-based trials
• New novel therapies for upper GI cancers and available clinical trials
Advances in the multidisciplinary approach to lower GI Cancers (medical oncology)
Samir Desai, M.D., Charles Lopez, M.D., Ph.D., Gina Vaccaro, M.D., Gary Takahashi, M.D., Kevin Yee, M.D.
Understand the following:
• Multidisciplinary care of patients with lower GI cancers
• The standard of care for systemic therapy based on evidence-based trials
• New novel therapies for lower GI cancers and available clinical trials

Comprehensive management of esophageal, GE junction and gastric cancers
Gene Bakis, M.D., John Hunter, M.D., Paul Schipper, M.D.
Learning objectives:
• Describe and compare the surgical options for esophageal, GE junction and gastric cancers
• Investigate factors in selecting candidates for surgery
• Examine the surgical planning process to proactively manage cancers

Colorectal cancer screening, early diagnosis and surgical approaches
Daniel Herzig, M.D., David Lieberman, M.D., Kim Lu, M.D., Liana Tsikitis, M.D.
Learning objectives:
• Review new panels available for molecular analysis of GI cancers
• Understand how next generation sequencing data is integrated with other testing technologies
• Discuss new treatment opportunities resulting from molecular testing

Endoscopic management of early upper gastric and esophageal cancers
Gene Bakis, M.D., John Hunter, M.D., Nir Modiano, M.D., Ph.D.
Understand the following:
• The staging of early esophageal and gastric cancer
• The roles of mucosal and submucosal resection techniques
• Ablative therapies with radiofrequency ablation, photodynamic therapy and cryotherapy

Next generation DNA sequencing applications in cancer genotyping
Christopher Corless, M.D., Ph.D.
Learning objectives:
• Review new panels available for molecular analysis of GI cancers
• Understand how next-generation sequencing data is integrated with other testing technologies
• Discuss new treatment opportunities resulting from molecular testing

New developments in the treatment of GI stromal tumors
Kevin Billingsley, M.D., Michael Heinrich, M.D., Brett Sheppard, M.D.
Understand the following:
• GIST biology and how it relates to modern diagnosis and molecular treatment
• Risk stratification systems for GIST and how they relate to selection of patients for treatment with adjuvant imatinib
• Management of patients with imatinib-resistant GIST, including medical and surgical therapy options
Double balloon enteroscopy: The new agent for exploring small bowel real estate
Gene Bakis, M.D., Brintha Evenstvedt, M.D.

Understand the following:
- The indications, risks and benefits of double balloon enteroscopy
- The logistics of the procedure: how it is performed, by who and why does it work; what are the important components contributing to your patient’s experience
- When a patient should undergo capsule endoscopy vs. double balloon enteroscopy

New radiation therapy techniques for breast cancer
Charlotte Kubicky, M.D. Ph.D., Carol Marquez, M.D.

Learning objectives:
- Describe partial breast irradiation (PBI) and discuss its use
- Explain how Intrabeam works and its advantages and disadvantages
- Discuss prone breast irradiation and outline which patients may benefit from its use

HEAD, NECK AND ESOPHAGEAL

Current approaches to the screening and management of thyroid and parathyroid nodules and cancer

Learning objectives:
- Recognize criteria important for ultrasound and cytologic evaluation of thyroid nodules
- Describe key current management strategies for thyroid cancer, including the role of molecular markers
- Identify hereditary thyroid cancer screening methods

Signs, symptoms and treatment of head and neck cancer: Larynx, nasopharynx and proximate esophagus
Peter Andersen, M.D., F.A.C.S, Neil Gross, M.D., F.A.C.S., Matthew Taylor, M.D.

Learning objectives:
- Become familiar with causes and presenting signs and symptoms of patients with head and neck cancer

Understand the following:
- The role of less invasive surgical techniques in management of head and neck cancer
- Success rates of and treatment-related morbidities associated with various treatments for head and neck cancer

BREAST CANCER

Surgical management for breast cancer patients undergoing neoadjuvant chemotherapy
Arpna Naik, M.D.

Learning objectives:
- How to identify breast cancer patients who are appropriate candidates for neoadjuvant chemotherapy
- Discuss surgical plan options before and after neoadjuvant chemotherapy

The changing paradigm of breast cancer treatment
Stephen Chui, M.D., Robert Raish, M.D., Jacqueline Vuky, M.D.

Understand the following:
- The use of biologic factors to individualize therapy for breast cancer patients, rather than using anatomic predictors to guide therapies across wide populations
- How specific application of the appropriate therapeutic to the correctly identified patient/tumor can lead to large benefits
- The growing use of pre-operative breast cancer chemotherapy to provide optimal care for patients and to accelerate the understanding and development of novel breast cancer therapeutics
• The role of HPV infection in head and neck cancer, the changing demographics and treatment options for patients with HPV-caused head and neck cancer

HPV and head and neck cancer: Implications for prevention, screening and treatment

Neil Gross, M.D., F.A.C.S.

Learning objectives:
• Become familiar with the causes and presenting signs and symptoms of patients with cancer of the head and neck. Understand the following:
• The role of HPV infection in head and neck cancer, the changing demographics and treatment options for patients with HPV-caused head and neck cancer
• Success rates of and treatment-related morbidities associated with various treatments for head and neck cancer

State-of-the-art treatment for head and neck cancer, from minimally to maximally invasive

Details: How the choice between non-operative and operative management is made, operative techniques including less invasive options, reconstruction and rehabilitation

Peter Andersen, M.D., F.A.C.S.

Learning objectives:
• Become familiar with the causes and presenting signs and symptoms of patients with cancer of the head and neck. Understand the following:
• The role of less-invasive surgical techniques in management of head and neck cancer
• Success rates of and treatment-related morbidities associated with various treatments for head and neck cancer
• The role of HPV infection in head and neck cancer, the changing demographics and treatment options for patients with HPV-caused head and neck cancer

HEMATOLOGIC MALIGNANCIES

Myeloma

Emma Scott, M.D., Kevin Yee, M.D.

Learning objectives:
• Identify diagnostic workups and treatments of the newly diagnosed patient with multiple myeloma
• Learn when to refer patients with multiple myeloma for stem cell transplantation
• Recognize treatment options for relapsed and refractory myeloma

Lymphoma

Andy Chen, M.D., Ph.D., Samir Desai, M.D., Craig Okada, M.D., Ph.D., Stephen Spurgeon, M.D., Kevin Yee, M.D.

Learning objectives:
• Relate the basic science of lymphoma to clinical practice
• Review recent clinical trials and their implications for patient management
• Update promising new therapies for lymphoma

Chronic lymphocytic leukemia (CLL)

Stephen Spurgeon, M.D., Kevin Yee, M.D.

Learning objectives:
• Be able to diagnose and manage newly diagnosed patients with CLL including indications for treatment, prognostic factors and therapies
• Understand how to treat patients with relapsed/refractory CLL
• Understand novel agents and evolving treatment paradigms
Chronic myelogenous leukemia (CML)

Michael Heinrich, M.D., Kevin Yee, M.D.

Learning objectives:
- Understand treatment options for patients with newly diagnosed CML and patients with TKI-resistant CML
- Understand principles and mythology for monitoring patients on TKI therapy (assay types, endpoints, frequency)

HEMATOLOGY

New anticoagulants: Promise or perils

David Calverley, M.D., Thomas DeLoughery, M.D., F.A.C.P., Fred Ey, M.D., F.A.C.P., Gary Takahashi, M.D., Jason Taylor, M.D., Ph.D.

Learning objectives:
- Review the clinical trials of new anticoagulants for approved indications
- Understand the use of these new drugs, including dosing and drug interactions
- Learn to deal with practical issues such as reversal, need for monitoring and which patients are appropriate for these agents

Autoimmune hematologic disease: Immune thrombocytopenia and autoimmune hemolytic anemia

David Calverley, M.D., Thomas DeLoughery, M.D., F.A.C.P., Fred Ey, M.D., F.A.C.P., Gary Takahashi, M.D., Jason Taylor, M.D., Ph.D.

Learning objectives:
- Learn diagnostic criteria for ITP and AHIA
- Understand the choices for therapy and how to tailor them to the patients
- Understand when to escalate therapy and the use of novel agents for treatment

LIVER AND PANCREAS

Hepatocellular cancer in the era of hepatitis C

Kevin Billingsley, M.D., Charles Lopez, M.D., Brett Sheppard, M.D., Gina Vaccaro, M.D., Ph.D.

Understand the following:
- The diagnostic guidelines for HCC
- Selection criteria for transplant eligibility for patients with HCC
- Treatment options for limited and extensive HCC

Gallbladder and bile duct tumors

Kevin Billingsley, M.D., Charles Lopez, M.D., Ph.D., Brett Sheppard, M.D., Gary Takahashi, M.D., Gina Vaccaro, M.D.

Learning objectives:
- The staging of gallbladder cancer
- Rationale and operative treatment for gallbladder cancer discovered at cholecystectomy
- Evaluation and treatment of hilar bile duct tumors

Surgeon’s role in treating pancreatic neoplasms

Kevin Billingsley, M.D., Erin Gilbert, M.D., Charles Lopez, M.D., Ph.D., Brett Sheppard, M.D., Gina Vaccaro, M.D.

Understand the following:
- Criteria for borderline resectability and indications for neoadjuvant therapy
- The types of procedure available for primary pancreatic tumors, outcomes and common complications including short- and long-term nutritional management and follow-up
- The emerging role of surgery in palliative care and metastatic disease
Surgical cure of adrenal and pancreatic endocrine disease
Kevin Billingsley, M.D., Erin Gilbert, M.D., Charles Lopez, M.D., Ph.D., Brett Sheppard, M.D., Gina Vaccaro, M.D.
Understand the following:
• The workup of adrenal and pancreatic endocrine lesions in both familial and sporadic disease
• The role of resection and anticipated outcomes for primary disease
• The role of surgery for metastatic disease in conjunction with chemotherapy

Precursors to pancreatic cancer: Surveillance and therapeutic strategies
Erin Gilbert, M.D., Charles Lopez, M.D., Ph.D., Brett Sheppard, M.D., Gina Vaccaro, M.D.
Learning objectives:
• Understand the differential diagnosis of pancreatic cystic neoplasms and risk associated with each as well as for chronic pancreatitis
• Determine optimal method for diagnosis and surveillance and non-operative care that can help decrease risk
• Understand the role of resection and anticipated outcomes

LUNG CANCER
Lung cancer screening: Who, why, and when
Cristina Fuss, M.D.
Learning objectives:
• Understand the ramification of the patient population of who should be screened and when
• Be able to explain what a lung cancer screening entails
• Recognize the screening methods and how patients are seen at OHSU

Minimally invasive surgery for lung cancer controversies
Paul Schipper, M.D., Brandon Tieu, M.D.
Learning objectives:
• Understand when surgical therapy has an opportunity to cure lung cancer as well as its limitations
• Maximize effective communication between patient, primary care specialist and lung cancer specialist
• Explore how Oregon physicians and OHSU can work together to cure lung cancer

Surgical management of lung cancer
Paul Schipper, M.D., Brandon Tieu, M.D.
Learning objectives:
• Understand when surgical therapy has an opportunity to cure lung cancer as well as its limitations
• Maximize effective communication between patient, primary care specialist and lung cancer specialist
• Explore how Oregon physicians and OHSU can work together to cure lung cancer

PROSTATE CANCER
New and better treatment for advanced prostate cancer
Joshi Alumkal, M.D., Tomasz Beer, M.D., Julie Graff, M.D., Christopher Ryan, M.D.
Learning objectives:
• Understand the scientific basis for new drugs in advanced prostate cancer
• Understand the data that define optimal use of novel hormonal agents
• Learn the current status of major new agents for the treatment of advanced prostate cancer
Advances in the management of newly diagnosed prostate cancer
Christopher Amling, M.D. and Arthur Hung, M.D. (joint presentation)
Learning objectives:
• Learn about the treatment options for prostate cancer and the appropriate criteria for active surveillance
• Become familiar with the common side effects associated with treatment of prostate cancer
• Learn about how advances in technology and proficiency have improved treatment

RADIATION ONCOLOGY

Update on clinical applications of emerging technology in radiotherapy
Arthur Hung, M.D., Charles Thomas, M.D.
Understand the following:
• Fundamentals of radiation therapy for treatment of patients with cancer
• The technological improvements in radiation therapy delivery
• New applications for radiation therapy made available by image guidance and stereotactic therapy

Stereotactic body radiation therapy (SBRT)
Charlotte Kubicky, M.D., Ph.D. and James Tanyi, M.D. (joint presentation)
Learning objectives:
• Understand the rational and clinical indications for SBRT
• Gain basic knowledge of SBRT deliver devices and image guidance options
• Describe the results from published SBRT clinic trials and basis for ongoing investigations

OTHER CANCER-RELATED TOPICS

Management of melanoma in an era of change
Sancy Leachman, M.D., Ph.D., John Vetto, M.D., F.A.C.S.
Learning objectives:
• Understand the major elements needed for TMN staging of melanoma
• List the indications for sentinel node biopsy in melanoma
• Describe at least two major drug types for the treatment of advanced melanoma and give an example of each

Nutrition for cancer patients: Initial diagnosis through surgery and treatment
Robert Martindale, M.D., Ph.D.
Learning objectives:
• Become aware of the new data supporting focused nutrition in cancer therapy
• Understand basics of cancer cell metabolism and how nutrition alters metabolism
• Nutritionally address both patients for cure and palliative care to optimize outcome and improve quality of life

New molecular targets: Phase 1 trials
Michael Heinrich, M.D., Matthew Taylor, M.D.
Understand the following:
• Phase I clinical trials
• How personalized cancer medicine can be achieved through molecular testing
• Details of typical patient eligibility and referral process
Accreditation
Oregon Health & Science University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit
OHSU School of Medicine, Division of CME, designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For more information or to schedule a traveling session, please contact OHSU Provider Relations.

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The knowledge of all for the care of one.