Traveling CME
2016–2017
### Traveling CME 2016–2017

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<td><strong>LOCATION</strong></td>
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<tr>
<td><strong>WHO</strong></td>
<td>Primary care physicians, oncologists, radiation oncologists, surgeons, gastroenterologists, hepatologists, urologists, pulmonologists, endocrinologists, otolaryngologists, dermatologists, hematologists and radiologists</td>
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<td><strong>CREDIT</strong></td>
<td>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.</td>
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<tr>
<td><strong>ACCREDITATION</strong></td>
<td>Oregon Health &amp; Science University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians</td>
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For more information or to schedule a traveling session, please contact OHSU Provider Relations.

**Gabriel Flores**  
Provider relations manager  
503 494-2212  
floresg@ohsu.edu
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Faculty
Joshi J. Alumkal, M.D.
Associate professor, hematology and medical oncology
(Prostate cancer)

Christopher Amling, M.D.
Professor and chief, urology
(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 and head, 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)

Brianne Baier, M.S., C.G.C.
Instructor, molecular and medical genetics
(Genetic risk assessment, hereditary cancer syndromes)

Tomasz M. Beer, M.D.
Professor and head, hematology and 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)

Daniel Brickman, M.D.
Assistant professor, otolaryngology, head and neck surgery
(Head and neck surgery, transoral robotic surgery (TORS), thyroid and parathyroid surgery, otolaryngology (ENT), head and neck cancer)

Jeremy Cetnar, M.D., M.S.H.P.R.
Assistant professor, hematology and medical oncology
(Genitourinary cancers, lung cancer, bladder cancer, kidney cancer, prostate cancer)

Shiliang Chang, M.D.
Assistant professor, surgery, plastic surgery
(Breast surgery, breast augmentation, breast reduction, cosmetic and laser surgery, liposuction)

Andy Chen, M.D., Ph.D.
Assistant Professor, hematology and medical oncology
(Hematologic malignancies, lymphoma and bone marrow transplant)

Daniel Clayburgh, M.D., Ph.D.
Assistant professor, otolaryngology, head and neck surgery
(Head and neck cancer, transoral robotic surgery (TORS), squamous cell carcinoma, salivary gland malignancy)
Rachel Cook, M.D.
Assistant professor, hematology and medical oncology; site director for acute leukemia (AML, stem cell transplant)

Christopher L. Corless, M.D., Ph.D.
Professor and vice chair for research, pathology (Surgical pathology)

Kim-Hien Dao, D.O., Ph.D.
Assistant professor, hematology and medical oncology (Hematologic malignancies, hematopoietic bone marrow transplant)

Koenraad De Geest, M.D.
Professor; division head, gynecologic oncology (Ovarian, endometrial, cervical and vulvar cancer and rare gynecological malignancies; minimally invasive surgery)

Thomas G. DeLoughery, M.D., F.A.C.P.
Professor, hematology and medical oncology (Hematology, thrombosis and immune thrombocytopenia)

Alex Denes, M.D.
Associate professor, hematology and medical oncology (Breast cancer oncology including adjuvant therapy of early breast cancer, hormonal therapy and management of breast cancer, and therapeutic options for advanced breast cancer)

Samir B. Desai, M.D.
Assistant professor, hematology and medical oncology (Hematology, gastrointestinal, esophageal and colorectal cancer)

Brintha Enestvedt, M.D.
Assistant professor, gastroenterology (Digestive health and digestive surgery)

Kristian Enestvedt, M.D.
Assistant professor, abdominal organ transplantation and hepatobiliary surgery (Liver cancer)

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 and medical oncology (Prostate cancer)

Kelly Jo Hamman, M.S., C.G.C.
Instructor, molecular and medical genetics (Genetic risk assessment, hereditary cancer syndromes)

Juliana Hansen, M.D., F.A.C.S.
Professor; chief, plastic and reconstructive surgery (Breast cancer, breast reconstruction, microsurgery)
Jason Hedges, M.D., Ph.D.
Assistant professor, urology
(Erectile dysfunction, male infertility, vasectomy, vasectomy reversal)

Michael C. Heinrich, M.D.
Professor, hematology and medical oncology
(Gastrointestinal stromal tumors and chronic myeloid leukemia)

Daniel Herzig, M.D.
Associate 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)

Neda Jafarian, M.D.
Assistant professor, radiology
(Breast health, diagnostic radiology)

Charlotte Dai Kubicky, M.D., Ph.D.
Associate professor, radiation oncology
(Hepatobiliary, breast and gastrointestinal cancer and central nervous system tumors)

Sancy Leachman, M.D., Ph.D.
Professor and chair, dermatologic surgery
(General dermatology, melanoma, skin cancers, genetic skin disorders)

Ryan Li, M.D.
Assistant professor, otolaryngology
(Head and neck surgery, microvascular reconstruction, thyroid and parathyroid surgery, transoral robotic surgery (TORS), head and neck cancer)

David Liebermann, M.D.
Professor and division head, gastroenterology
(Digestive health)

Charles Lopez, M.D., Ph.D.
Associate professor, hematology and 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)

Dana Madison, M.D., Ph.D.
Assistant professor, endocrinology
(Thyroid cancer, parathyroid and calcium disorders, metabolic bone disease, osteoporosis)

Robert G. Martindale, M.D., Ph.D.
Professor and chief, general surgery
(Nutritional needs for oncology patients, preoperative nutritional approaches to optimize cancer surgery outcomes, nutritional management of postoperative nutritional complications, nutritional issues related to chemotherapy and radiation)
Erin Maynard, M.D.
Assistant professor, abdominal organ transplantation and hepatobiliary surgery
(Abdominal organ transplant and surgical treatment of benign and malignant diseases of the liver, bile ducts and pancreas)

Skye Mayo, M.D., M.P.H.
Assistant professor, surgical oncology
(Colorectal cancer liver metastasis, pancreatic cancer, retroperitoneal sarcoma, primary liver cancers, cholangiocarcinoma, gallbladder cancer, cancers of the stomach and digestive system including neuroendocrine tumors)

Richard Maziarz, M.D.
Professor, hematology and medical oncology
(Bone marrow transplantation, leukemia, lymphoma, graft vs. host disease, immunotherapy, regenerative medicine)

Eva Medvedova, M.D.
Assistant professor, hematology and medical oncology
(Multiple myeloma and plasma cell disorders)

Timur Mitin, M.D., Ph.D.
Assistant professor, radiation medicine; medical director of Tuality / OHSU Cancer Center
(Radiation therapy for prostate cancer, bladder cancer, pancreatic cancer, esophageal cancer, tumor treating fields for brain malignancies)

Melissa Moffitt, M.D.
Assistant professor, gynecologic oncology
(Minimally invasive robotic surgery, cervical cancer, gestational trophoblastic disease, ovarian cancer, uterine cancer, vaginal cancer, vulvar cancer)

Reid Mueller, M.D., F.A.C.S.
Associate professor, plastic surgery, plastic and reconstructive surgery
(Minimally invasive surgery of the face and body, endoscopic plastic surgery, problem wounds, breast surgery and microsurgery)

Gabrielle Myers, M.D.
Associate professor, hematology and medical oncology
(Myelodysplastic syndrome, bone marrow transplant)

Arpana Naik, M.D.
Associate professor, surgical oncology
(Breast cancer)

Karen Oh, M.D.
Associate professor, diagnostic radiology and OB-GYN
(Diagnostic radiology)

Craig Okada, M.D., Ph.D.
Assistant professor, hematology and medical oncology
(Lymphoma)

Nir Modiano, M.D., Ph.D.
Assistant professor, gastroenterology
(Digestive health)
Susan Orloff, M.D.
Professor and head, Division of Abdominal Organ Transplantation; surgical director, Liver Transplantation Program; adjunct professor, Department of Molecular Microbiology and Immunology; chief, Portland VA Medical Center Transplant Program
(Surgical treatment of benign and malignant diseases of the liver and bile ducts; liver resection and liver transplantation; kidney and pancreas transplantation; portal HTN surgery; injuries to the biliary tract and reconstructive surgery and repair)

Tanja Pejovic, M.D., Ph.D.
Associate professor, gynecologic oncology
(Novel management of ovarian cancer, early detection of ovarian cancer, investigational and experimental drugs/trials for gynecologic cancers)

Robert Raish, M.D.
Associate professor, hematology and medical oncology
(Breast, colorectal and lung cancers)

Christopher W. Ryan, M.D.
Professor, hematology and medical oncology
(Sarcoma and genitourinary cancer)

Jone E. Sampson, M.D.
Associate professor and director clinical cancer genetics, molecular and medical genetics
(Genetic risk assessment, hereditary cancer syndromes)

Paul Schipper, M.D.
Professor, general thoracic and cardiothoracic surgery
(Lung cancer, benign and malignant esophageal surgery and emphysema surgery)

Emma Scott, M.D.
Assistant professor, hematology and 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.
Professor, otolaryngology, head and neck surgery
(Thyroid and parathyroid cancer surgery)

Stephen E.F. Spurgeon, M.D.
Associate professor, hematology and medical oncology
(Chronic lymphocytic leukemia)

Gary Takahashi, M.D.
Assistant professor, hematology and medical oncology
(Gastrointestinal and esophageal cancer and benign blood disorders)

James Tanyi, Ph.D.
Medical physicist, radiation oncology
(Radiation therapy)
Jason Taylor, M.D., Ph.D.  
Associate professor, hematology and medical oncology  
(Hematology, thrombosis and immune thrombocytopenia)  
Matthew Taylor, M.D.  
Assistant professor, hematology and 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)  
Elie Traer, M.D., Ph.D.  
Assistant professor, hematology and medical oncology  
(Acute leukemias)  
Liana Tsikitis, M.D.  
Associate professor, colon and rectal surgery  
(Colorectal cancer screening and treatment, laparoscopic and minimally invasive colon surgery and hereditary colorectal cancers)  
Khaled Tolba, M.D., M.B.B.Ch.  
Assistant professor, hematology and medical oncology  
(Lung and head and neck cancer)  
Phoebe Trubowitz, M.D.  
Assistant professor, hematology and medical oncology  
(Lymphoma, multiple myeloma, AIDS oncology, survivorship)  
Gina Vaccaro, M.D.  
Assistant professor, hematology and medical oncology  
(Colorectal, 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.  
Associate professor, hematology and medical oncology  
(Genitourinary malignancies, breast and colon cancer)  
Kevin W.H. Yee, M.D.  
Assistant professor, hematology and 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.

LEARNING OBJECTIVES
Examine the following:
• Biology and genesis of Barrett’s Esophagus (BE)
• Treatment objectives and options
• Malignant transformation of BE, including methods for decreasing risk of progression

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
• Describe how next generation sequencing data is integrated with other testing technologies
• Discuss new treatment opportunities resulting from molecular testing

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

Double Balloon Enteroscopy: The New Agent for Exploring Small Bowel Real Estate
Gene Bakis, M.D.; Brintha Enestvedt, M.D.

LEARNING OBJECTIVES
• Describe the indications, risks and benefits of double balloon enteroscopy
• Illustrate the logistics of the procedure: how it is performed, by who and why it works; what important components are contributing to your patient’s experience
• Identify when a patient should undergo capsule endoscopy vs. double balloon enteroscopy
Endoscopic Management of Early Upper Gastric and Esophageal Cancers
Gene Bakis, M.D.;
John Hunter, M.D.;
Nir Modiano, M.D., Ph.D.
LEARNING OBJECTIVES
Determine the following:
• Staging of early esophageal and gastric cancer
• Rose of mucosal and submucosal resection techniques
• Ablative therapies with radiofrequency ablation

Hereditary Colorectal Cancer Syndromes
Brianne Baier, M.S., C.G.C.;
Kelly Jo Hamman, M.S., C.G.C.;
Jone Sampson, M.D.
LEARNING OBJECTIVES
• Clearly state the referral guidelines and review current genetic testing options for patients at risk for hereditary colorectal cancer syndromes

Hyperthermic Intraperitoneal Chemotherapy
Erin Gilbert, M.D.;
Liana Tsikitis, M.D.
LEARNING OBJECTIVES
• Interpret the historical perspective of HIPEC
• Learn the current practice guidelines for cytoreductive surgery and HIPEC including patient selection, operative morbidity and survival
• Gain basic knowledge of the technical aspects of the HIPEC procedure

New Developments in the Treatment of GI Stromal Tumors
Kevin Billingsley, M.D.;
Michael Heinrich, M.D.;
Brett Sheppard, M.D.
LEARNING OBJECTIVES
Interpret 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
• The management of patients with imatinib-resistant GIST, including medical and surgical therapy options

Advances in the Hormonal Management of Breast Cancer
Alex Denes, M.D.
LEARNING OBJECTIVES
• Discuss the biology of hormone receptor positive breast cancer
• Review current guidelines for hormonal therapy of breast cancer
• Highlight novel approaches to the problem of hormone resistance

Breast Cancer Screening: How It’s Done
Neda Jafarian, M.D.;
Karen Oh, M.D.
LEARNING OBJECTIVES
• Review the breast imaging modalities used for screening
• Update on new technologies for breast screening
Breast Reconstruction Options: What's New?
Juliana Hansen, M.D., F.A.C.S.; Shiliang Chang, M.D.

LEARNING OBJECTIVES
• Become familiar with new techniques for breast reconstruction
• Establish criteria for recommending immediate, delayed, autologous and implant-based breast reconstruction

HER2+ Metastatic Breast Cancer
Alex Denes, M.D.

LEARNING OBJECTIVES
• Review the role of the HER2 pathway in breast cancer
• Discuss current treatment options for HER2+ metastatic breast cancer
• Identify novel approaches to the treatment of HER2+ metastatic breast cancer

Hereditary Breast Cancer Syndromes
Brianne Baier, M.S., C.G.C.; Kelly Jo Hamman, M.S., C.G.C.; Jone Sampson, M.D.

LEARNING OBJECTIVES
• Clearly state the referral guidelines and review current genetic testing options for patients at risk for hereditary breast cancer syndromes

Oncoplastic Breast Surgery
Shiliang Chang, M.D.; Juliana Hansen, M.D., F.A.C.S.; Reid Mueller, M.D., F.A.C.S.

LEARNING OBJECTIVES
• Become familiar with indications for an oncoplastic approach to breast cancer
• Assess the types of procedures available and benefits of oncoplastic breast surgery

Surgical Management for Breast Cancer Patients Undergoing Neoadjuvant Chemotherapy
Arpana Naik, M.D.

LEARNING OBJECTIVES
• 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
Alex Denes, M.D.; Robert Raish, M.D.; Jacqueline Vuky, M.D.

LEARNING OBJECTIVES
Discuss 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 the 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 breast cancer patients and to accelerate the understanding and development of novel breast cancer therapeutics

Triple Negative Breast Cancer (TNBC)
Alex Denes, M.D.

LEARNING OBJECTIVES
• Recognize the clinical and molecular features of TNBC
• Review the results of current therapies
• Discuss novel approaches in TNBC management
Gynecologic oncology

Hereditary Gynecologic Cancers
Brianne Baier, M.S., C.G.C.; Kelly Jo Hamman, M.S., C.G.C.; Jone Sampson, M.D.
LEARNING OBJECTIVES
• Clearly state the referral guidelines and review current genetic testing options for patients at risk for hereditary gynecologic cancers

Germline Mutations and Gynecologic Cancers
Tanja Pejovic, M.D., Ph.D.
LEARNING OBJECTIVES
• Discuss why and who should be screened for germline mutations in gynecologic cancers
• How to evaluate and what treatment options are available

Pelvic Mass and Gynecology
Melissa Moffitt, M.D.
LEARNING OBJECTIVES
• Interpret the initial evaluation of pelvic masses
• Learn the current management guidelines and treatment options

Post-Menopausal Bleeding
Melissa Moffitt, M.D.
LEARNING OBJECTIVES
• Interpret the initial evaluation of post-menopausal bleeding
• List management options for these patients

Update on Cervical Cancer Screening and Abnormal Pap Tests
Koenraad De Geest, M.D.
LEARNING OBJECTIVES
• Assess the evaluation and screening for cervical cancers
• Learn the current management guidelines and treatment options

Head and neck

Cancer Screening: Workup of a Lump in the Neck or Oral Cavity
Peter Andersen, M.D., F.A.C.S.; Daniel Brickman, M.D.; Daniel Clayburgh, M.D., Ph.D.
LEARNING OBJECTIVES
• Evaluate the common causes of neck and oral masses, the appropriate workup, and when a mass is likely benign vs. malignant
• Describe the elements of a comprehensive head and neck cancer screening
• Examine the role of imaging and biopsy in head and neck masses

Current Approaches to the Screening and Management of Thyroid Nodules and Cancer
Peter Andersen, M.D., F.A.C.S.; Ryan Li, M.D.; Dana Madison, M.D., Ph.D.; Maisie Shindo, M.D., F.A.C.S.; Matthew Taylor, M.D.
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
Head and Neck Cancer: A Disease in Search of Biomarkers
Khaled Tolba, M.D., M.B.B.Ch.

LEARNING OBJECTIVES
• Review recent biology of head and neck cancer and illustrate how new insights into the mitogenic pathways activated in head and neck cancer could guide choice of therapy
• Identify recent biologic biomarkers in head and neck cancer influencing the natural course of the disease and choice of therapy

HPV and Head and Neck Cancer: Implications for Prevention, Screening and Treatment
Peter Andersen, M.D., F.A.C.S.; Daniel Brickman, M.D.; Daniel Clayburgh, M.D., Ph.D.

LEARNING OBJECTIVES
• Discuss the role of HPV infection in head and neck cancer and the changing demographics and treatment options for patients with HPV-caused head and neck cancer
• Compare the success rates of and treatment-related morbidities associated with various treatments for head and neck cancer
• Become familiar with the causes and presenting signs and symptoms of patients with head and neck cancer

Rehabilitation and Clinical Management of the Patient After Head and Neck Cancer Treatment
Daniel Clayburgh, M.D., Ph.D.

LEARNING OBJECTIVES
Assess the following:
• Cancer surveillance regimen
• Common side effects of head and neck cancer treatment
• Dysphagia evaluation and treatment
• Introduction to voice rehabilitation after laryngectomy

Signs, Symptoms and Treatment of Head and Neck Cancer: Larynx, Nasopharynx and Proximate Esophagus
Peter Andersen, M.D., F.A.C.S.; Daniel Brickman, M.D.; Daniel Clayburgh, M.D., Ph.D.; Matthew Taylor, M.D.

LEARNING OBJECTIVES
• Become familiar with the causes and presenting signs and symptoms of patients with head and neck cancer
• Discuss the role of less-invasive surgical techniques in management of head and neck cancer
• Compare the success rates of and treatment related morbidities associated with various treatments for head and neck cancer
• Specify the role of HPV infection in head and neck cancer and the changing demographics and treatment options for patients with HPV caused head and neck cancer
Hematology

DVT/Pulmonary Embolism Update
Thomas Deloughery, M.D., F.A.C.P.
LEARNING OBJECTIVES
• Illustrate to use therapies such as thrombolysis and IVC filters in the treatment of venous thrombosis
• Review how to determine length of therapy for venous thrombosis
• Determine when — and when not — to use the new anticoagulants

New Anticoagulants: Promise or Peril?
Thomas Deloughery, 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
• Describe 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

Outpatient Antiplatelet Therapy – How Much, How Long?
Thomas Deloughery, M.D., F.A.C.P.
LEARNING OBJECTIVES
• Describe the current role of aspirin in prevent and treatment of arterial and venous thrombosis
• Determine when to use the other antiplatelet drugs such as clopidogrel, presugral and ticagrelor
• Assess when it is proper to combine antiplatelet and anticoagulants

Hematologic malignancies

Treatment Options and Integrating New Therapies in the Practice of: AIDS Oncology:
Phoebe Trubowitz, M.D.

Acute Myeloid Leukemia:
Rachel Cook, M.D.;
Elie Traer, M.D., Ph.D.,

Bone Marrow Failure:
Richard Maziarz, M.D.;
Gabrielle Myers, M.D.

Chronic Lymphocytic Leukemia (CLL):
Richard Maziarz, M.D.;
Stephen Spurgeon, M.D.;
Kevin Yee, M.D.

Chronic Myelogenous Leukemia (CML):
Michael Heinrich, M.D.;
Richard Maziarz, M.D.;
Kevin Yee, M.D.

Lymphoma:
Andy Chen, M.D., Ph.D.;
Samir Desai, M.D.;
Richard Maziarz, M.D.;
Craig Okada, M.D., Ph.D.;
Stephen Spurgeon, M.D.

Myeloma/Amyloid:
Richard Maziarz, M.D.;
Emma Scott, M.D.;
Kevin Yee, M.D.

Myelodysplasia (MDS):
Kim-Hien Dao, D.O., Ph.D.;
Gabrielle Myers, M.D.

Myeloproliferative Neoplasms:
Kim-Hien Dao, D.O.; Ph.D.;
Eva Medvedova, M.D.

LEARNING OBJECTIVES
• Identify diagnostic workups and treatments of the newly diagnosed patient
• Identify indications for treatment, prognostic factors, and therapies
• Recognize treatment options and identify new therapies
• Determine when to refer a patient for stem cell transplantation
Transfusions: Kindness or Murder?
Thomas Deloughery, M.D., F.A.C.P.

**LEARNING OBJECTIVES**
- Learn the results of recent clinical trials and research concerning blood transfusions
- Determine the potential negative effects of red cell and plasma transfusion
- Illustrate the rationale for current transfusion guidelines

Liver and pancreas

Caring for the Patients with Malignant Jaundice Biliary Obstruction
Kevin Billingsley, M.D.;
Kristian Enestvedt, M.D.;
Susan Orloff, M.D.

**LEARNING OBJECTIVES**
- Classify the range of malignant diseases that present with biliary obstruction

Comprehensive Treatment of Pancreatic Neoplasms
Kevin Billingsley, M.D;
Erin Gilbert, M.D.;
Charles Lopez, M.D., Ph.D.;
Brett Sheppard, M.D.;
Gina Vaccaro, M.D.

**LEARNING OBJECTIVES**
- Discuss the types of procedure available for primary pancreatic tumors, outcomes and common complications including the role of short (pre-habilitation) and long term nutritional management to improve outcomes and long term QOL
- Describe borderline resectability, the role of neoadjuvant therapy and outcomes
- Learn about newer “pan-omic” investigations of pancreatic cancer and how this may help development of precision therapy
- Demonstrate the role of palliative therapeutics and palliative care for patients with unresectable pancreatic cancer

Hereditary Pancreatic Cancer
Brianne Baier, M.S., C.G.C.;
Kelly Jo Hamman, M.S., C.G.C.;
Jone Sampson, M.D.

**LEARNING OBJECTIVES**
- Clearly state the referral guidelines and review current genetic testing options for patients at risk for hereditary pancreatic cancer

Hope is Not Lost: Contemporary Management of Patients with Malignant Biliary Stricture
Kevin Billingsley, M.D.;
Kristian Enestvedt, M.D.;
Erin Maynard, M.D.;
Skye Mayo, M.D., M.P.H.;
Susan Orloff, M.D.

**LEARNING OBJECTIVES**
- Describe contemporary outcomes for various therapies related to liver cancer
- Assess the essential components for work up of liver and bile duct cancer
- Describe the inclusion criteria for liver transplantation for both hepatocellular carcinoma and cholangiocarcinoma
How to Navigate Multidisciplinary Treatment Options for the Patient with Hepatocellular Cancer
Kevin Billingsley, M.D.; Kristian Enestvedt, M.D.; Susan Orloff, M.D.

LEARNING OBJECTIVES
• Assess the range of treatment options for patients with hepatocellular carcinoma
• Illustrate decision making regarding palliative versus curative intent treatments for patients with hepatocellular carcinoma

Metastatic Cancer Involving the Liver: Is “Curing” Still an Option?
Kevin Billingsley, M.D.; Kristian Enestvedt, M.D.; Susan Orloff, M.D.

LEARNING OBJECTIVES
• Review the range of treatment options for patients with metastatic colorectal cancer and other tumors involving the liver

Newly Diagnosed Liver Lesion: What Next?
Kevin Billingsley, M.D.; Kristian Enestvedt, M.D.; Susan Orloff, M.D.

LEARNING OBJECTIVES
• Differentiate the diagnostic algorithm for patients with new liver masses with and without underlying cirrhosis

Novel Diagnostics and Treatments for Patients with Primary Hepatobiliary Malignancies: What Does the Future Hold and What Can We Currently Do for Our Patients?
Kevin Billingsley, M.D.; Kristian Enestvedt, M.D.; Erin Maynard, M.D.; Skye Mayo, M.D., M.P.H.; Susan Orloff, M.D.

LEARNING OBJECTIVES
• Discuss the essential components for workup of liver and bile duct cancer
• Learn diagnostic options and new therapeutic modalities in biliary and liver malignancy
• Determine the basics of evaluation for liver transplantation

Optimizing Therapy for Patients with Hepatocellular and Biliary Cancer: Why Nearly All Patients Should Be Considered for Transplantation
Kevin Billingsley, M.D.; Kristian Enestvedt, M.D.; Erin Maynard, M.D.; Skye Mayo, M.D., M.P.H.; Susan Orloff, M.D.

LEARNING OBJECTIVES
• Discuss contemporary outcomes for various therapies related to liver cancer
• Describe the inclusion criteria for liver transplantation for both hepatocellular carcinoma and cholangiocarcinoma
• Review the basics of evaluation for liver transplantation
Pancreatic Endocrine Disease: When to Cut and When to Not
Kevin Billingsley, M.D.; Erin Gilbert, M.D.; Charles Lopez, M.D., Ph.D.; Brett Sheppard, M.D.; Gina Vaccaro, M.D.

**LEARNING OBJECTIVES**
Evaluate the following:
- The evaluation of primary pancreatic neuroendocrine disease and the role of labs and imaging to help in prognosis and assist therapeutic decision-making
- When tumors may be safely kept under surveillance and when they should be referred for surgery
- Tailored operative conduct and patient outcomes
- The role of chemotherapy in treating primary and metastatic disease

Pancreatic Mass: From Evaluation to Next Steps
Erin Gilbert, M.D.; Brett Sheppard, M.D.; Gina Vaccaro, M.D.

**LEARNING OBJECTIVES**
- Describe the implications of pancreatic incidentaloma and the course of subsequent evaluation
- Practice decision-making for pancreatic cystic neoplasms and solid tumors

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**
Review the following:
- The heritable pancreatic cancer risk and lifestyle changes that may mitigate this risk
- Optimal methods to diagnosis pancreatic cystic neoplasms, including the pancreatic incidentaloma
- When to place patients in long-term surveillance and when to refer to surgery and the anticipated outcomes

The Future of Prevention and Screening in Pancreatic Cancer
Erin Gilbert, M.D.; Brett Sheppard, M.D.; Gina Vaccaro, M.D.

**LEARNING OBJECTIVES**
- Describe high-risk groups for which screening and lifestyle change is justified
- Illustrate developing novel techniques for screening the general population

The Management of Chronic Pancreatitis
Erin Gilbert, M.D.; Brett Sheppard, M.D.; Gina Vaccaro, M.D.

**LEARNING OBJECTIVES**
- Review the therapeutic options for care and how to personalize them for your patient
- Discuss how to treat pancreatic exocrine insufficiency, chronic pain and minimize the risk of progression from chronic inflammation to malignancy
Lung Cancer in the Post-Genome Era: Oncogenic Drivers, Targeted Agents and Acquired Resistance
Jeremy Cetnar, M.D., M.S.H.P.R.; Khaled Tolba, M.D., M.B.B.Ch.
LEARNING OBJECTIVES
• Review of the current landscape of actionable mutations and oncogenic driver pathways shaping the pathogenesis of lung cancer
• Illustrate the role of predictive vs. prognostic biomarkers in treatment selection
• Review available diagnostic tools, interpretations of results and available trials for patients with rare mutations

Lung Cancer Screening: Who, Why and When
Cristina Fuss, M.D.
LEARNING OBJECTIVES
• Review 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

Management of Lung Cancer in Elderly Patients with Poor Performance Status
Khaled Tolba, M.D., M.B.B.Ch.
LEARNING OBJECTIVES
• Differentiate between age and performance status
• Review recent data on treatment outcomes in elderly lung cancer patients
• Describe the role of palliative care and other supportive measures

Medical Management of Lung Cancer Care for Internal Medicine and Primary Care
Jeremy Cetnar, M.D., M.S.H.P.R.; Khaled Tolba, M.D., M.B.B.Ch.
LEARNING OBJECTIVES
• Describe how histology of lung cancer influences systemic treatment options
• Recognize the most common mutations encountered in patients with non-small cell lung cancer
• Discuss the recent advances for the treatment of molecularly driven non-small cell lung cancer

New Developments in the Surgical Management of Lung Cancer
Paul Schipper, M.D.; Brandon Tieu, M.D.
LEARNING OBJECTIVES
• Interpret 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

The Medical Oncology View of Lung Cancer Screening
Jeremy Cetnar, M.D., M.S.H.P.R.; Khaled Tolba, M.D., M.B.B.Ch.
LEARNING OBJECTIVES
• Review the rationale for lung cancer screening and implications of early detection and how this compares to other screening programs for solid malignancies
• Demonstrate the limitations of current screening technology, false positive and false negative reads
• Assess the cost implications of lung cancer screening
Melanoma

Management of Melanoma in an Era of Change
John Vetto, M.D., F.A.C.S.

LEARNING OBJECTIVES
• Determine 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

Melanoma in Young Patients
John Vetto, M.D., F.A.C.S.

LEARNING OBJECTIVES
• Know at least three differences between spitzoid and “adult” melanomas
• Tell the key points of standard treatment for “adult” type melanoma
• Assess the potential role of tumor chromosomal testing in the evaluation of pediatric melanomas

Melanoma Prevention and Detection
Sancy Leachman, M.D., Ph.D.

LEARNING OBJECTIVES
• Learn how and when to perform which genetic test for melanoma and why
• Learn about the latest new imaging technologies available for early detection of melanoma

The War on Melanoma in Oregon: Patient-Driven Research Efforts
Sancy Leachman, M.D., Ph.D.

LEARNING OBJECTIVES
• Learn about the War on Melanoma, the new population science experiment designed to implement early detection strategies statewide
• Learn about the role of cohorts and registries in melanoma research

Prostate and urological

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 outcomes and side effect profiles

New and Better Treatment for Advanced Prostate Cancer
Joshi Alumkal, M.D.; Tomasz M. Beer, M.D.; Julie Graff, M.D.; Christopher Ryan, M.D.

LEARNING OBJECTIVES
• Review the scientific basis for new drugs in advanced prostate cancer
• Describe 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
Sexual Dysfunction and Male Oncofertility after Prostate Cancer Treatment
Jason Hedges, M.D., Ph.D.

LEARNING OBJECTIVES
• Understand the strategies for penile rehabilitation following prostate cancer treatment
• Understand the treatment options available for sexual dysfunction

Radiation oncology

Bladder Preservation Trimodality Therapy
Timur Mitin, M.D., Ph.D.

LEARNING OBJECTIVES
• Learn about efficacy and toxicity and bladder preservation trimodality therapy for patients with muscle-invasive bladder cancer
• Become familiar with significant body of evidence supporting the use of bladder-preservation trimodality therapy as an alternative to cystectomy for patients with muscle-invasive bladder cancer
• Realize that bladder preservation trimodality therapy is now an NCCN guidelines-supported alternative treatment to cystectomy: As such, it must be discussed with each patient with a new diagnosis of muscle-invasive bladder cancer

New RT Techniques for Breast Cancer
Charlotte Kubicky, M.D., Ph.D.

LEARNING OBJECTIVES
• Describe partial breast irradiation (PBI) and discuss why it is being used
• Explain how Intrabeam works and its advantages and disadvantages
• Discuss prone breast irradiation and outline which patients may benefit from its use

Stereotactic Body Radiation Therapy (SBRT)
Charlotte Kubicky, M.D., Ph.D. and James Tanyi, Ph.D. (joint presentation)

LEARNING OBJECTIVES
• Review 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

The New Age of Intraoperative Radiation Therapy (IORT)
Charles Thomas, M.D.

LEARNING OBJECTIVES
• Explain the rationale for use of IORT as a component of therapy for malignant disease
• Describe indications for IORT as a component of therapy
• Describe the current state of evidence supporting use of IORT and remaining knowledge gaps
Update on Clinical Applications of Emerging Technology in Radiotherapy
Arthur Hung, M.D.;
Charles Thomas, M.D.

LEARNING OBJECTIVES
• Review the fundamentals of radiation therapy for treatment of patients with cancer
• Discuss technological improvements in radiation therapy delivery
• Review applications for radiation therapy made available by image guidance and stereotactic therapy

Other cancer-related topics

Helping Your Patient Navigate the Cancer Care Maze: The Role of the Primary Care Provider
Kevin Billingsley, M.D.

LEARNING OBJECTIVES
• Review the role of the primary care provider in coordinating care and support for patients with cancer

New Molecular Targets
Michael Heinrich, M.D.;
Matthew Taylor, M.D.

LEARNING OBJECTIVES
• Have a better understanding of phase I clinical trials
• Discuss how personalized cancer medicine can be achieved through molecular testing
• Review details of typical patient eligibility and referral process

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
• Describe how next-generation sequencing data is integrated with other testing technologies
• Discuss new treatment opportunities resulting from molecular testing

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
• Review the 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

Other topics are available depending on speaker availability: Please ask.