

## Jefferson Oncology Group (JOG) Investigators Meeting - *Liver Metastases: What to Do When the Liver is Involved*

Thursday, November 14, 2019

Jefferson Alumni Hall \* 1020 Locust Street, Philadelphia, PA 19107  
(on the Center City Campus of Thomas Jefferson University)

### Course Objectives

At the conclusion of this course, participants should be able to:

- Recognize patient and tumor related factors that impact potential for liver directed therapy
- Interpret the role of systemic treatment when liver directed therapy is considered.
- Evaluate the factors that determine the optimal timing of systemic therapy versus loco-regional therapy.
- Review the molecular mechanisms of liver cancer.
- Examine the genomic subgroups of hepatocellular carcinoma and analyze the use of gene expression to profile hepatocellular carcinoma to identify unique subgroups.
- Identify the appropriate selection of patients for stereotactic body radiation therapy (SBRT) for liver metastases.
- Discuss the outcomes and side effects of SBRT for liver metastases.
- Review different modalities available in interventional radiology management of liver metastases.
- Identify patients who may benefit from interventional treatment of metastatic liver disease.
- Assess the role of multimodality therapy and emerging technologies in the treatment of liver metastases.
- Discuss the current evolution of surgical resection for colorectal liver metastases (CRLM) and efforts to personalize the care of these patients.
- Describe how tumor genomics may influence personalized therapy for CRLM.
- Recognize the role, if any, of liver transplantation for CRLM or neuroendocrine liver metastases.
- Interpret imaging techniques used in the detection of liver metastases.
- Develop an evidence-based approach to determine best chemotherapeutic, surgical or local-regional treatment for the metastatic liver disease patient.
- Develop a plan of care utilizing post-treatment imaging as a guide to determine success, residual disease, recurrence, new disease, or treatment-related complications.
- Assess their individual practice in light of the information and discussions during the course, and identify specific strategies to implement as part of a continuing improvement process for their practices.