

Pricing for Educational Programs

Workshop

20 maximum participants per workshop

Didactics only:

Half day workshop \$4,500

Full day workshop \$8,500

Didactics & hands-on experience in procedure suite:

Full day workshop \$14,000

Two day workshop \$27,000

**Other customized programs
may be arranged & priced individually**

**Catering & parking costs are not included
in program pricing**

Breakfast	per person	\$14
Lunch	per person	\$21
Full day	per vehicle	\$17

Fee Structure

The cost of each program will be determined based upon the agenda, length, and materials. Programs are fully customizable and scalable. Didactic sessions can be conducted in the Dotter Research lab for groups up to 20 people. Larger groups can be accommodated elsewhere on the OHSU campus. The number of models required for the practicum will vary with the types and numbers of procedures that will be performed. Breakfast and lunch can be included.

Questions?

Program Content: John A. Kaufman, MD, kaufmajo@ohsu.edu, (503) 494-7660

Scheduling and other info: Dixie McWilliams, mcwillid@ohsu.edu, (503) 494-3918

Effective 02/2013



Dotter Interventional Laboratory Practicums

Purpose: To provide intensive education about and direct experience with interventional devices and procedures for members of the medical device industry.

Goal: Enhance the understanding of interventional devices and procedures through focused didactics, discussion, and hands-on experience.

Description:

Individualized didactic and hands-on educational program for members of the medical device industry. Attendees will receive high-level lectures with ample opportunity for questions and answers from Dotter Institute and Oregon Health & Science University clinical and research faculty, and selected guest faculty when appropriate. This can be coupled with hands-on experience deploying devices and performing procedures in the Institute procedure facilities supervised by the same faculty. Procedures will be performed in a variety of realistic models with fluoroscopic and ultrasound guidance. All procedures will be conducted following standard institutional guidelines and radiation safety protocols.

Subject areas: Image-guided interventions of all organ systems and pathologies

Class Size: Maximum 12

Program Structure:

Each program will be customized to the devices, procedures, organs, and pathologies of interest. The course director will work closely with you to set an agenda of appropriate scope and duration. Attendees will be provided with relevant background materials that may include key articles, textbooks, and other course materials selected by the faculty. The didactic sessions will include background information, summaries of current data, specifics of procedural technique, interventional decision-making, case reviews, and question and answer sessions. During the hands-on practicum the attendees will perform procedures under the supervision of the faculty, gaining actual experience in deployment of devices under fluoroscopy and/or US guidance, assessing for immediate outcomes, and identifying and managing complications. Attendees will gain first-hand experience with the feel of devices and the challenges of eye-hand coordination in realistic conditions.

Sample Program for Liver Cancer Treatment

Day 1 - Morning - All About Liver Cancer

Lectures, each followed by questions and answers

- Liver anatomy, physiology, and imaging - Segmental liver and vascular liver anatomy relevant to interventions, physiology of the liver and determination of liver function, appearance of the liver on US, CT, MRI and angio
- Hepatoma - Risk factors, symptoms, staging, clinical course, imaging appearance and treatment options
- Metastatic disease - Common metastatic tumors of the liver, staging, clinical course, imaging appearance and treatment options
- Basics of trans-arterial therapy - Agents, catheter choices, techniques, outcomes
- Why Y-90 is different - Radioembolization techniques and program requirements
- Fry, freeze, pickle, electrocute - Overview of ablation techniques, choices and outcomes
- The Multidisciplinary approach to liver tumors - How image-guided techniques fit in to the big picture; who decides what
- Basics of radiation safety - What you need to know about x-rays

Day 1 - Afternoon - Getting Familiar With the Basics

Lectures and table-top hands-on

- Catheters, sheaths, guidewires
- Embolics
- Handling chemotherapeutics
- Wrap up day #1: Questions and answers with faculty

Day 2 - All Day - Hands-On Experience

Each attendee will observe and/or perform the following in a realistic model:

- Visceral angiogram; catheterization techniques
- Microcatheter selection of hepatic artery branch
- Preparation and delivery of embolic spheres
- Preparation and delivery of iodized oil emulsion
- Simulated delivery of Y-90 radioembolization
- Coil embolization of a branch vessel
- US guided placement of ablation probe in the liver
- Performing the ablation
- Tract management
- Percutaneous liver biopsy
- Transhepatic portal vein puncture
- Portal vein embolization with particles and coils
- Wrap-up discussion: questions, review of the days activities

About the Dotter Interventional Institute

There is a rich interventional history at OHSU. Charles Dotter MD performed the first transluminal angioplasty here on January 14, 1964, an event that changed the practice of medicine. The Dotter Institute was founded by Josef Rosch MD (the originator of the Transjugular Intrahepatic Portosystemic Shunt - TIPS) in honor of Dr. Dotter in 1989 with a generous grant from Mr. William Cook. The Institute is a free-standing multidisciplinary division within the Oregon Health & Science University Medical School with research and clinical activities. The Dotter Research Laboratory is a 10,000 square foot facility that houses two procedure rooms with a GE/OEC 9800 and a GE/OEC 9600, a conference area, a fabrication lab, offices, and a library. The clinical practice encompasses the full range of body and neurointerventions at the OHSU Hospital, the Portland VA Hospital, and the Doernbecher Children's Hospital.

About Portland

Portland is a great city to visit any time of the year. Flying in and out of Portland is easy, eating options are numerous in the city, and there is a range of accommodations. Mount Hood and the Pacific coast are an hour's drive from the city in opposite directions.

