

### Program Faculty

Frederick Keller, MD	Paul Lakin, MD
Stanley Barnwell, MD, PhD	Gary Nesbit, MD
Robert Barton, MD	Dusan Pavcnik, MD, PhD
John Kaufman, MD	Bryan Petersen, MD
Kenneth Kolbeck, MD, PhD	Josef Rösch, MD
	Barry Uchida, BS

### Accreditation

### Targeted Audience

Interventional Radiologists, Radiologists

### Tuition

\$2,500 per week  
(Additional weeks at a reduced rate.)

### Registration

To register or for more information about the interventional radiology visiting tutorial, please contact Dixie McWilliams, Program Coordinator, phone: (503) 494-3918 or E-mail: [mcwillid@ohsu.edu](mailto:mcwillid@ohsu.edu). Course dates to be arranged on an individual basis according to the schedules of the Dotter Institute and participating physicians.

### Location

The Dotter Interventional Institute is located on the campus of Oregon Health & Science University of Portland, Oregon, which is located 12 miles from Portland International Airport. Situated on Marquam Hill, the beautiful campus is convenient to the downtown Portland business district and within close proximity to a variety of lodging accommodations.

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Dotter Interventional Institute, Oregon Health & Science University  
3181 SW Sam Jackson Park Road, L-342  
Portland, Oregon 97239, USA



# Interventional Radiology Visiting Tutorial Program



Dotter Interventional Institute

Oregon Health & Science University  
Portland, Oregon

### Program Description

The Dotter Interventional Institute at Oregon Health & Science University is offering *one to two-week visiting tutorials* in interventional radiology. The tutorial is designed to encompass the entire spectrum of interventional radiology including both vascular and nonvascular procedures. The visiting tutorial program will be tailored to meet each individual's needs, including observation of clinical cases, participation in daily clinical conferences, didactic sessions, as well as informal discussions in both the clinical area and research laboratory. Each individual will be assigned a mentor that will arrange a personalized instructional program designed to maximize the participants' educational experience during their stay. Eleven full-time interventional faculty are available for formal didactic and informal teaching sessions who will give individualized attention to clinical, procedural and technical questions. In addition, registrants can elect to have supervised "hands-on" training in the Dotter Research Laboratory in specific areas such as TIPS, embolization techniques, or percutaneous non-vascular interventions. The Dotter Research Laboratory contains a museum of extensive collections of teaching films.

### Educational Objectives

Inform practicing interventionalists of the latest updates on interventional procedures. Focus will be on new and emerging interventional therapies. Hands-on portion will assist skills in performing techniques.

## History of Dotter Interventional Institute

The Dotter Interventional Institute was established on a long tradition of excellence and achievement in cardiovascular and interventional radiology at Oregon Health & Science University (OHSU). Dr. Charles Dotter fathered interventional radiology at OHSU in 1964 by performing the first percutaneous transluminal angioplasty. Percutaneous introduction of coil springs with description of expandable stents in the late sixties, and the first use of selective fibrinolysis in the early seventies were among two of his many diagnostic and interventional inventions at OHSU. Dr. Melvin Judkins developed the transfemoral technique for selective coronary arteriography and the Head Hunter catheters for femorocerebral angiography at OHSU in the late 1960's. Dr. Josef Rösch introduced embolic treatment of gastrointestinal bleeding and popularized transjugular liver biopsy at OHSU in the early 1970's. Since the early 1980's, Rösch has worked together with associates on the development of expandable metallic stents and their multiple uses. A technique for selective fallopian tube catheterization was also developed at OHSU in the mid 1980's.

The Institute's roots can be traced to the early 1980's discussions between Dr. Dotter and Mr. Bill Cook, President, Cook Group, Inc., concerning the future of interventional radiology and the need for high quality interventional training for all interested radiologists and other physicians, technologists and nurses. The entire faculty and staff are dedicated to providing needed education and training to those interested in developing significant expertise in all areas of interventional radiology.

The Dotter Interventional Institute was established in April 1990 by the Oregon State Board of Higher Education as an interdisciplinary program. The Institute was established as an independent, freestanding division of the medical school of OHSU. Administratively separate, but closely interacting with the radiology departments of both OHSU and the Veterans Administration Medical Center, as well as other departments of both institutions interested in the development of interventional treatment.

### **General Information about the Dotter Interventional Institute**

## Teaching

The Institute's most important function is education. Institute members are involved in a variety of educational activities. These activities include residency training in vascular and interventional radiology, tutorials, short and long-term visiting fellowships in interventional research, organization of domestic and international meetings, presenting teleconferences via satellite and via phone lines, creating educational videos and scientific exhibits of new techniques, and delivering educational lectures at various meetings, conferences, workshops and congresses.

## Research

In the Dotter Research Laboratory, basic research has concentrated primarily on developing and testing interventional radiology devices including expandable metallic stents, covered stents, biopsy needle guns, venous valves and occlusion devices including a patent foramen ovale device. TIPS and fallopian tube recanalization sets have been developed at the research laboratory. Animal and plastic models have been developed by the laboratory to enhance research and teaching.

## Clinical Care

The Dotter Interventional Institute provides angiographic and interventional care for patients at OHSU University Hospital and the Veterans Administration Medical Center. It also serves as a referral center for specialized interventional procedures for patients from other hospitals in Portland and throughout the Northwest region. The referrals usually involve patients requiring complex procedures including percutaneous transluminal angioplasties, bleeding from the lungs or GI tract, embolization including pulmonary AV fistulas embolization, stent placement in vascular and nonvascular systems, stentgraft placement for treatment of aortic aneurysms, transjugular intrahepatic portosystemic shunts, and patients needing neurointerventional treatment, particularly intracranial angioplasty and fibrinolysis and embolization of arteriovenous malformations or aneurysms.