Radiation Oncology Department are within ¼ mile of each other.

The Planning and Imaging Center, located at Washington University’s Medical Center

Course Format:
2 days (Friday / Saturday)
- Symposium-type setting
- Concepts, lectures, guest speaker
- Examples of best practices
- Review of latest literature and research results

Day Two
- Hands-on workshop, 6 lab stations that will include the following:
  - Imaging and immobilization for proton patients
  - CT number corrections and beam modeling
  - Treatment Planning 1 – including: Pediatrics, CNS and Head and Neck
  - Treatment Planning 2 – including: Sarcomas, GI and Liver
  - Data transfer, aperture & range compensator quality assurance, derivation of output/MU
  - Treatment delivery

Course Venue:
The course (Friday) will take place at the Eric P. Newman Education Center, located at Washington University’s Medical Center. The hands-on workshop will take place at the Barnes-Jewish Hospital Washington University’s Medical Center at both the Proton Center and the Planning and Imaging Center. The Hotel, Education Center, and Radiation Oncology Department are within ½ mile of each other.

Credits will be offered for ASRT, CAMPEP and MDCB.

- Who can I contact to get more information about this course?
  - For the Clinical/Technical questions contact: Dr. Eric E. Klein: eklein@radonc.wustl.edu
  - For registration information, see last page of this brochure, or contact: Cheryl Zmaila: czmaila@radonc.wustl.edu

Course F

Friday, December 05, 2014: Lectures and Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:30 – 7:50 AM</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:50 – 8:00</td>
<td>Introductions and Overview: Eric Klein, Ph.D., WU</td>
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<tr>
<td>8:00 – 9:00</td>
<td>Clinical and Biological Considerations: Jeff Bradley, M.D., WU</td>
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<td>9:00 – 10:00</td>
<td>General Treatment Planning Strategies: Beth Bottani, C.M.D., B.S., BJHWU</td>
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<tr>
<td>10:00-10:30</td>
<td>Break and Discussions</td>
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<tr>
<td>10:30 – 11:30</td>
<td>Proton Radiotherapy for Pediatrics: Stephanie Perkins, M.D</td>
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<tr>
<td>11:30 – 1:00</td>
<td>Catered Lunch</td>
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<tr>
<td>1:00 – 2:00</td>
<td>The University of Florida Proton Experience: Roef Slopesema, M.S., University of Florida</td>
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<td>2:00 – 2:30</td>
<td>Imaging and Patient Alignment: Stanley Rosenthal, Ph.D., Mevion Medical</td>
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<td>2:30 – 3:00</td>
<td>Safety Considerations: Eric E. Klein, Ph.D.</td>
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<tr>
<td>3:00 – 3:30</td>
<td>Break and Discussions</td>
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<tr>
<td>3:30 – 4:30</td>
<td>Commissioning and Quality Assurance: Tianyu Zhao, Ph.D., WU</td>
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<tr>
<td>4:30 – 5:00</td>
<td>Wrap Up and Questions</td>
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<tr>
<td>5:30 – 7:00</td>
<td>Reception</td>
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Saturday, December 06, 2014: Hands-On Workshop (8:30 am – 3:30 pm)
Six Lab Stations (1 hour each)

- Imaging and immobilization for Proton Patients
- CT Scanner
- CT # Corrections and Beam Modeling
- Conference Room
- Treatment Planning 1 (Peds, CNS, H&N)
- Treatment Planning Suite
- Treatment Planning 2 (Sarcomas, GI, Liver)
- Treatment Planning Suite
- Data Transfer, Aperture/RC QA, MU/Output Derivation
- Physics Lab
- Treatment Delivery
- Proton Center

Note: Faculty, topics, format, and course dates are subject to change.

ADVANCE REGISTRATION

Startup and Operation of Proton Radiotherapy
Friday, & Saturday, December 05-06, 2014

To ensure proper spelling of your name, please print clearly.

The information will appear as written on the attendance roster.

If you wish not to be listed on the attendance roster, check here: ✗

First Name                  Initial               Last Name        Degree
______________________________________________________
______________________________________________________
City/ State/ Zip

Office Phone    .Fax

Specialty

E-mail

REGISTRATION FEES By (postmark)

- Physician, Physician, Allied Health Professional $1,800
- Resident (Physics, Physician in accredited program) $600
- $1,200 (after Nov 05, 2014). A letter from the program director is required.

Your full payment in advance completes your registration and ensures enrollment in this course and hands-on workshop. Fees include enrollment, educational materials, continental breakfast, refreshment breaks and lunches.

To register online for the Startup and Operation of Proton Radiotherapy, please go to https://commerce.cashnet.com/RADONC. You will be directed to the secure Radiation Oncology Event Registration website. Select the appropriate category for the Mevion Training Course Registration, and click the “View Details” button to commence your registration.

Note: Cancellations made in writing between 30 and 60 days prior to the first day of the course will be subject to a 50% cancellation fee. No refunds will be given less than 30 days prior to the first day of the course. No telephone cancellations will be accepted. In the unlikely event that the course is canceled, Washington University School of Medicine will refund the registration fee, but is not responsible for any travel costs. Attendee is responsible for any cancellation fee incurred.
Accommodations:

The Parkway Hotel’s 220 beautiful, non smoking guestrooms consist of complimentary high speed internet access, coffee maker, refrigerator and microwave. Enjoy our lobby level with Wi-Fi access. The Parkway Hotel’s third floor connects to the second floor of the Eric P. Newman Education Center by a Pedestrian Bridge for your convenience. Call 314-256-7777 or 1-866-314-7700 Toll free to make your reservations by Nov 4th (4PM CT) Please identify yourself to be with the MEVION GROUP MEETING guestroom block to get your group discount at our Standard Level for $119.00 + tax.

Location:

Barnes-Jewish Hospital is conveniently located in St. Louis, one block north of I-64 (US 40) and Kingshighway Boulevard intersection. It is in the Central West End area, across from Forest Park.

PARKING: North Parking Garage:

Serving the Center for Advanced Medicine and Barnes-Jewish Hospital North, is a 5-story structure and is located near the intersection of Forest Park Boulevard and Euclid Avenue.

Course Objective:

This 2-day course, taught by physicians, medical physicists, and dosimetrists, is intended for radiation oncologists, medical physicists, dosimetrists, therapists, and others who want to gain exposure to Proton Radiotherapy. The objective is to understand the benefits and how protons can be implemented in today’s clinical environment to improve patient care. The course consists of lectures, discussions, and hands-on learning lab exercises. Topics include proton delivery systems, clinical and biological considerations, commissioning quality assurance, general treatment planning strategies, imaging and patient alignment, facility planning and safety, and uncertainties in planning and delivery. The goal is to help answer some of these questions:

- What is the optimal workflow for your clinic?
- How to consider uncertainties in treatment planning and delivery?
- How image guidance affects both margins and uncertainties?
- What do I need to consider when planning a facility in terms of cost and safety?
- What type of commissioning, acceptance testing and quality assurance programs should I anticipate setting up?