SRS & SBRT Delivery with Eclipse and TrueBeam

Day 1 (Intro and CNS)

800-830  Breakfast
         Overview of course materials

830-930  Introduction to Eclipse and TrueBeam (Dr. Richard Popple)

930-1015 Multi-modality image registration including PET/CT (Dr. Richard Popple)

1015-1030  Break

1030-1100 Contouring Tools including Smart Segmentation (Dr. John Fiveash)

1100-1200 RapidArc vs IMRT dosimetry (Dr. Richard Popple)

1200-100  Working Lunch
         Image Guidance – options and offline review, 6DOF (Dr. Chris Dobelbower)

100-130  Break

130-300  Brain - treatment planning and clinical considerations (Dr. John Fiveash)

300-345  Spine - treatment planning and clinical considerations (Dr. John Fiveash/Dr. Richard Popple)

Lab – participants to plan brain, spine, other

Dinner     On your own

Day 2 (Body including motion)

800-830  Breakfast

830-915  Fiducial Placement with Navigation Bronchoscopy (Dr. Doug Minnich)

915-1030 Lung - treatment planning and clinical considerations (Dr. Chris Dobelbower/Dr. Sui Shen)

1030-1100 Respiratory motion management – options and simulation procedures (Dr. Sui Shen)

1100-Noon Head and neck – treatment planning and clinical considerations (Dr. Sharon Spencer)

Noon-1pm Lunch
Liver - treatment planning and clinical considerations (Dr. Sui Shen/Dr. Rojymon Jacob)

Prostate - treatment planning and clinical considerations (Dr. Rex Cardan/Dr. John Fiveash)

Lab – participants to plan lung, liver, head/neck, prostate

Dinner On your own

Day 3 (Physics – short day)

800-830 Breakfast

830-930 Commissioning and quality assurance procedures (Eclipse)

930-1030 Commissioning and quality assurance procedures (TrueBeam)

Additional lab activities available for non-physicists including clinical review of planned cases

Noon course concludes

*This is an example curriculum for a broad SBRT program. The curriculum can be customized and will vary based on the goals of the participants.