Stereotactic body radiation therapy (SBRT) is an emerging option for patients with MPLC. SBRT for synchronous MPLC has been investigated in multiple small, single-institution retrospective series. Many patients in these series are treated with resection of one focus and SBRT of the other, but several report SBRT for both foci (Table 32.5.58–61 The largest series to date is from the Netherlands, where 62 patients with synchronous NSCLCs were treated.62 Fifty-six had SBRT to both lesions and six underwent resection for one tumor and SBRT.Â Highly Conformal Radiotherapy: Stereotactic Radiosurgery/Stereotactic Body Radiation Therapy (SRS/SBRT). Learn more about stereotactic body radiation therapy, also known as stereotactic ablative radiotherapy. 3-time lung cancer survivor: MD Anderson is keeping me healthy with SBRT. I started using cigarettes in the early 1970s, when I was just 16.Â The only treatment Iâ€™ve ever had for any of them is a kind of radiation therapy called stereotactic body radiation therapy (SBRT). But itâ€™s done the trick every time. And MD Anderson has kept me going with that therapy alone for more than seven years. My first lung cancer diagnosis. The first time I learned I had lung cancer was in the summer of 2013. Plan Stereotactic body radiation therapy (SBRT) using VMAT. Radiation Oncologist: Tracey Schefter Brian Kavanagh Medical Physicists: Moyed Mitten Quentin Diot. Stereotactic Body Radiation Therapy for Liver Cancer Using the Monaco. Â®. Treatment Planning System and VMAT Delivery. Figure 1: Pre-treatment PET-CT showing clearly the lesion at the crosshair in the Axial (left), Sagittal (right) views. Patient History and Diagnosis This 72 year old male presented with a localized small cell carcinoma of the distal thoracic esophagus. He underwent a single cycle of cisplatin and esoposide followed by Stereotactic body radiation therapy (SBRT) is far from being an automated process. As for conventional radiotherapy, numerous steps are involved from the time of first presentation of the patient for evaluation to the completion of treatment. Indeed, the more complex nature of SBRT typically necessitates additional stages in the process of treatment planning and delivery.