

Transcript of Video-Audio Clips for Targeted Radiation (SBRT)

Larry and Carol Sams-Lung Cancer Patient and his wife

Sams had no hesitation about being the first to receive the treatment at the cancer center.

“I was lucky to be the first,” he says with a chuckle. “I thought I was special!” (:13)

The Sams felt God guided their journey to OSF HealthCare.

“If you have a fatalistic attitude, they pump you up here and bring your attitude up. ‘This is not going to fail, we’re just gonna go right through it and we’re gonna be fine,’” Carol recalls of their experience. Larry adds, “Well, they’re doing everything they can and that’s all I want.” (:16)

Dr. James Piephoff, radiation oncologist, OSF Moeller Cancer Center in Alton, Illinois

“It allows us to deliver a more effective dose which has a better probability of controlling the cancer compared to the daily radiation treatments that are often given 5 days a week for anywhere from 2 weeks to up to 9 weeks in the past.” (:21)

In some cases, the beams will be intermittent, to deliver radiation only when the tumor is in full range.

“So, the radiation beam turns off and on at the precise time to hit the tumor but then turns off when the tumor moves out of the area.” (:11)

SBRT can lead to better outcomes and fewer side effects than conventional radiation therapy because it is so precise.

“Higher dose to the tumor is obviously better to eradicate the cancer. By being able to be precise, we are able to limit the radiation dose to the uninvolved good, normal healthy tissues.” (:20)