

3-D

images enhance
treatment

MAKE CANCER THE VICTIM



Janet Merfeld, MD
Radiation Oncologist
Hall-Perrine Cancer Center

Powerful, precise radiotherapy treatments that take just a few minutes per day are now available for cancer patients at Mercy's Hall-Perrine Cancer Center. The new TrueBeam™ advanced medical linear accelerator system offers patients the latest advancement in radiation technology available in the U.S.

TrueBeam is able to capture 3-D images during treatment. This allows for high-dose, narrowly targeted radiation delivery while monitoring the patient's breathing and compensating for movement of the tumor due to the rise and fall of the chest.

TrueBeam makes it possible for Mercy to offer a Stereotactic Body Radiation Therapy (SBRT) program. This technology delivers a high dose of radiation to a very small area while sparing radiation dose to the surrounding areas. With just a few treatments SBRT can fight cancers throughout the body, such as lung and pancreas, as well as tumors that have invaded the liver and spinal cord from distant organs. SBRT is a well-established

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approach for treatment of certain cancers and is supported by numerous research trials.

"The new TrueBeam system opens the door to new possibilities for the treatment of lung, breast, prostate, head and neck, as well as other cancers," says Dr. Janet Merfeld, radiation oncologist at Hall-Perrine Cancer Center. "It gives us an additional tool to treat even more complex cancer cases."

This \$3.2 million technology was made possible through an initial \$1.5 million grant award from the Hall-Perrine Foundation. Mercy is grateful for this generous grant that helps ensure the cancer center meets the community's need for the very best cancer care close to home.

Learn more about the benefits of TrueBeam at www.hallperrinecancercenter.org/truebeam.

You can join the fight against cancer by donating to the Mercy Foundation's Make Cancer the Victim campaign to raise the remaining \$1.7 million for TrueBeam. Please call (319) 398-6206 or donate online at www.mercycare.org/ways-to-give.