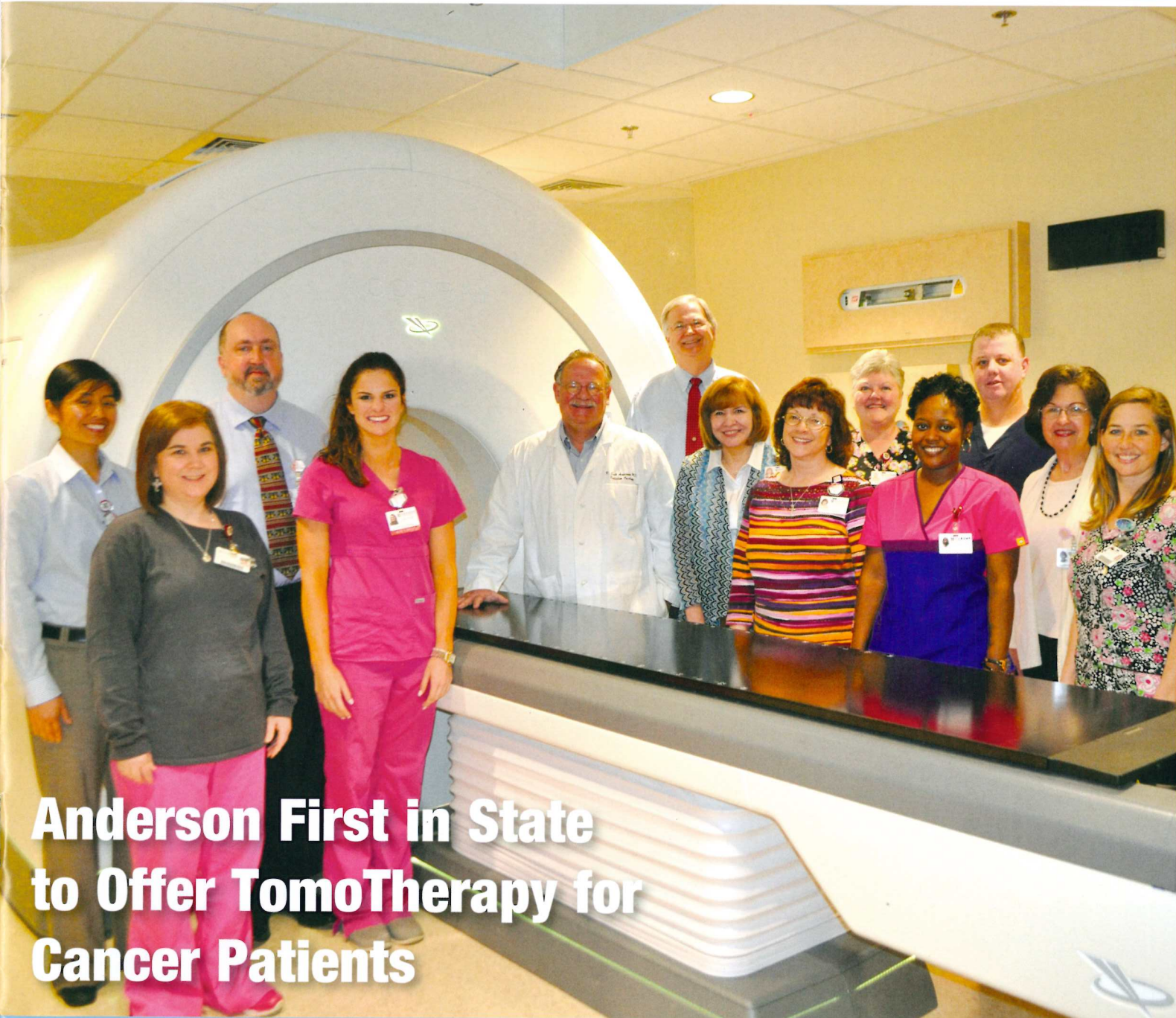


MISSISSIPPI HOSPITALS



**Anderson First in State
to Offer TomoTherapy for
Cancer Patients**

OFFICIAL PUBLICATION OF THE MISSISSIPPI HOSPITAL ASSOCIATION

www.mhanet.org

Volume 20 • Number 1

Summer 2015

Anderson First in State to Offer TomoTherapy for Cancer Patients

Doctors at Anderson Regional Cancer Center are now treating cancer patients with the most advanced radiation system available, rivaling systems used at some of the largest cancer treatment centers in the world. The new TomoTherapy® System delivers treatments with increased speed and precision while reducing radiation exposure to surrounding healthy tissue. Anderson's TomoTherapy System is one of only thirteen TomoTherapy systems in the nation, and the only TomoTherapy System in the state of Mississippi.

"At Anderson Regional Cancer Center, we take pride in offering

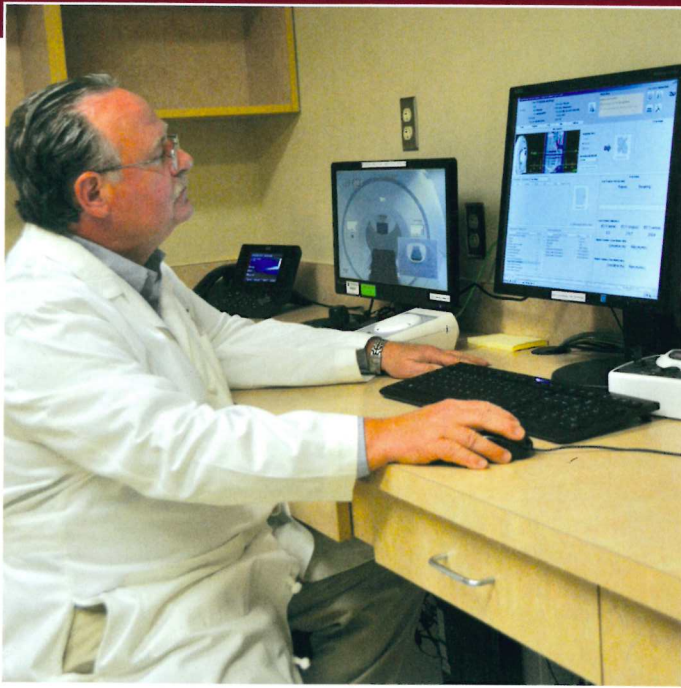
the most advanced cancer treatment options available," said Dr. Scott Anderson, Radiation Oncologist. "The TomoTherapy System's unique design and capabilities give our team the ability to target tumors in ways never before thought possible and deliver aggressive, extremely accurate and highly individualized treatment for each patient. We're excited to offer this leading-edge technology to our patients as part of our continued commitment to high quality patient care."

TomoTherapy uses a linear accelerator merged onto a computed tomography (CT) based framework, which allows radiation

to be delivered in a helical fashion from 360 degrees. Treatments can be continuously delivered to the tumor from every angle. More beam directions also provides assurance that the dose will be confined to the tumor, reducing the risk of short- and long-term side effects.

Anderson added, "The TomoTherapy System can efficiently treat large tumors, or multiple tumors in different areas of the body in the same treatment session. The system also enables patients with recurring tumors to receive additional radiation that would not have been performed with traditional radiation systems."





The TomoTherapy System excels at treating cancers that are historically difficult to treat such as head and neck, esophageal and lung. TomoTherapy can increase the chances of controlling a solitary pulmonary nodule from 45% with surgical resection to 70% using this technology. In some cases lung cancer patients will receive only one week of TomoTherapy treatments as compared to seven weeks with traditional radiation therapy systems.

"TomoTherapy has amazing promise for gynecologic and prostate cancers as well, and we are working with one of the most advanced planning systems in the world to help add those treatments to this program," Anderson said.

TomoTherapy radiation sessions are non-invasive and typically pain-free. The TomoTherapy System is clinically proven to be effective and improve patients' quality of life.

Anderson Regional Cancer Center has been providing cancer care for residents of East Mississippi and West Alabama since 2000. The center is fully accredited by the College of Surgeons Committee on Cancer, providing Radiation Oncology, Medical Oncology, Chemotherapy, Nutritional Counseling, Social

Services/Patient Navigation and a Tumor Registry. The physicians of Meridian Oncology Associates, Dr. John Clay, Dr. John Halbbrook, Dr. Dwight Keady, Dr. John Voss, and Dr. Matthew Cassell, are an integral

part of the oncology program at Anderson. For more information about Anderson Regional Cancer Center and TomoTherapy, please call 601-485-5081 or visit www.andersonregional.org.



JBHM Architecture

Mississippi: Biloxi (C.A.), Columbus, Jackson, Tupelo
www.jbhm.com