Implant Visualization

Sagittal magnetic resonance image of a brachytherapy implant. The position of the endocervical tandem with respect to the cervical target, rectum, and bladder is shown. Look for this and other high-quality images in the upcoming Image-Guided Radiation Therapy educational series from the American Society of Radiologic Technologists. Reprinted with permission from Wootton J, Hsu I, Diederich C. Endocervical ultrasound applicator for integrated hyperthermia and HDR brachytherapy in the treatment of locally advanced cervical carcinoma. Med Phys. 2011;38(2):598-611.

Archive

Telephone Inventor Proposes Internal Radiation Therapy. The X-ray Technician, November 1959. In 1898, radiation was first used to treat tumors externally. Alexander Graham Bell was the first to propose the internal method of application in a letter to Dr. Z.T. Zowers dated 1903:

“I understand from you that the roentgen rays and the rays emitted by radium have been found to have a marked curative effect upon external cancers...there is no reason why a tiny fragment of radium sealed up in a fine glass tube should not be inserted into the very heart of a cancer, thus acting directly upon the diseased material.”

You Might Have Missed...

Great effort has been made to transform the highly technical treatment room into a welcoming environment.

Turn to Page 139 for the full story.