

Download Ultrasound For Medical Therapy Devices Technical Investigation

Medical ultrasound (also known as diagnostic sonography or ultrasonography) is a diagnostic imaging technique based on the application of ultrasound. It is used to create an image of internal body structures such as tendons, muscles, joints, blood vessels, and internal organs. Its aim is often to find a source of a disease or to exclude pathology. The practice of examining pregnant women using ... A history of ultrasonography in Obstetrics and Gynecology, part 1. John Julian Wild, an English surgeon and graduate of the Cambridge University in England, immigrated to the United States after World War II ended in 1945. He took up a position at the Medico Technological Research Institute of Minnesota and started his investigations with ultrasound waves on the thickness of the bowel wall in ... High-intensity focused ultrasound (HIFU) is a non-invasive therapeutic technique that uses non-ionizing ultrasonic waves to heat tissue. HIFU can be used to increase the flow of blood or lymph, or to destroy tissue, such as tumors, through a number of mechanisms. The technology can be used to treat a range of disorders and as of 2015 is at various stages of development and commercialization. Number: 0001 (Replaces CPB 286) Policy. Aetna considers transrectal ultrasound (TRUS) medically necessary for any of the specific conditions involving the prostate, rectum and surrounding tissues listed below: To guide prostate biopsy in men with a suspicion of prostate cancer documented by any of the following: