WHAT IS ULTRASOUND?

Medical ultrasound uses high-frequency sound waves that pass through the body to create images in real-time. A diagnostic medical sonographer performs an examination by moving a hand-held ultrasound transducer over the skin. The transducer both generates the sound waves and detects them as internal organs and tissues reflect the sound waves.

A computer records the reflected sound waves and a monitor displays the resulting images, which are used to view, monitor and diagnose various medical conditions. Ultrasound is not an ionizing radiation and is considered a safe medical imaging tool when used by a properly trained and certified sonographer.

ABOUT MEDICAL ULTRASOUND AWARENESS MONTH

MUAM is held annually in October to create awareness of the role diagnostic medical sonographers play in the medical community and to educate the public about medical ultrasound and its many uses in healthcare.

Dussik and his ultrasonic apparatus in 1946.

Source: Society of Diagnostic Medical Sonography