Ultrasound  
   
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Ultrasound is sound with frequencies greater than 20 kilohertz. This frequency is the approximate  
upper audible limit of human hearing in healthy young adults. The physical principles of acoustic waves  
apply to any frequency range, including ultrasound. Ultrasonic devices operate with frequencies from  
20 kHz up to several gigahertz. Ultrasound is used in many different fields. Ultrasonic devices are used  
to detect objects and measure distances. Ultrasound imaging or sonog