

# Ultrasound and its medical applications

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This topic includes following sub-topics:

- Sound wave
- Acoustic pressure
- Acoustic impedance
- Doppler effect
- Ultrasound (from the physical point of view)
- Effects of ultrasound
- Ultrasound in various media and tissues
- Shock-wave
- Ultrasound imaging
- Doppler ultrasonography
- Therapeutic ultrasound applications