

## Ultrasound Therapy

**Q:** What is Ultrasound therapy?

**A:** It is a therapeutic treatment using high-frequency sound waves administered in the region of soft tissue injuries.

**Q:** How does Ultrasound therapy work?

**A:** Sound vibrations, as fast as a million times per second, penetrate the tissues deep in the body, creating a heat response. These vibrations and heat break down and disperse unhealthy calcium and other heart tissue accumulations.

**Q:** What does Ultrasound therapy feel like?

**A:** The gel used to conduct the sound waves is at room temperature and may momentarily feel cool to the skin when it is initially applied. A pain relieving topical agent like Biofreeze is often added as an additional pain reliever. Most patients feel nothing, or a pleasant and relaxing sensation below the surface of the skin.

**Q:** Why is Ultrasound therapy used?

**A:** Ultrasound therapy is usually administered to the area of complaint, penetrating deep into the body. The rise in temperature, increases blood flow, relaxes spasm, massages tissues and speeds the healing process.

## Therapeutic Benefits

- Highly effective in treating calcium deposition
- Stimulates healing
- Speeds metabolism and improves blood flow
- Reduces the nerve root irritation
- Effectively treats joints such as the wrist, knee, elbow and shoulder