



34 Walnut Road, TQ2 6HS
01803 606059
79 Kingsway Avenue, TQ4 7AB
01803 843836
info@greenbayvets.co.uk
www.greenbayvets.co.uk

Therapeutic Ultrasound

What types of conditions benefit from therapeutic ultrasound?

- **Enhanced healing and blood circulation:** By stimulating the cells responsible for tissue repair, ultrasound therapy promotes faster recovery from injuries and surgeries and improve blood flow to the targeted area – providing essential nutrients and oxygen for optimal healing.
- **Reduced inflammation:** The treatment helps decrease inflammation in the affected areas, alleviating discomfort and supporting the healing process.
- **Pain relief:** Ultrasound therapy can provide significant pain relief for pets suffering from acute or chronic pain due to various conditions.
- **Increased flexibility:** Ultrasound therapy can improve joint mobility and flexibility, particularly in pets suffering from arthritis or other joint-related issues.
- **Muscle relaxation:** The gentle heat produced during treatment helps relax tense muscles, reducing stiffness and discomfort.
- **Soft tissue repair:** Ultrasound therapy can accelerate the healing of soft tissue injuries, such as sprains, strains, and tendonitis.
- **Scar tissue reduction:** By breaking down scar tissue and adhesions, the treatment can improve the function and flexibility of affected areas.

Therapeutic ultrasound can be used to increase the stretch in fibrous tissues (such as tendons), which can help increase range of motion around a joint. Therapeutic ultrasound can also be used to soften and break down scar tissue that interferes with movement. By deep heating the tissues, therapeutic ultrasound increases blood flow to the area. This in turn can increase local blood flow and reduce inflammation and swelling. Therapeutic ultrasound can also decrease pain and muscle spasms, as well as speed up wound healing.

What happens during a therapeutic ultrasound treatment session?

- Therapeutic ultrasound is non-painful
- Pets are not sedated during a therapeutic ultrasound session
- Your pet's hair will be shaved over the area to be treated
- The veterinary nurse will apply ultrasound gel to the skin
- The treatment probe is then moved steadily over the treatment area in overlapping circle movements



This is Hunter receiving his therapeutic laser treatment

How long does a treatment take, and how often will my pet need therapeutic ultrasound?

- Most treatment sessions last 10 to 20 minutes.
- Your pet will be assessed, and a treatment plan made bespoke to them. Most patients are treated for two to three sessions per week for at least 4 weeks or until the condition is resolved.
- Therapeutic ultrasound is generally used along with other physical medicine and pain management strategies such as prescription medications/injections, nutraceuticals, laser therapy and PEMF therapy.