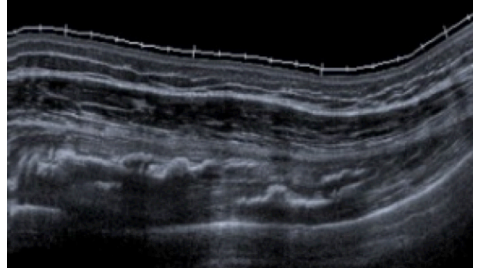


## Ultrasound Scanning at Physio Logic

### Northern Medical Ultrasound Ltd

Offer a professional and efficient service performing ultrasound scans direct to patients without the need for a GP referral. Scans are performed at Physio Logic by highly experienced sonographers provided by Northern Medical Ultrasound Ltd. The company feels very strongly that patients want their care close to home and that the provision of high quality diagnostics in a friendly and familiar setting is the key to an excellent service. All of their staff are fully qualified and registered with the HCPC (Health & Care Professions Council) and have the back up of Consultant Radiologists where a second opinion is required.



### What is ultrasound?

Ultrasound is a high-frequency sound that cannot be heard by the human ear. An ultrasound machine is designed to both emit and detect these high frequency sound waves.

### How does ultrasound work?

High frequency sound waves are able to travel freely through fluid and soft tissues. When these sound waves encounter a more solid surface such as cartilage, ligament, tendons and bone it is reflected back to the machine as an echo. When ultrasound encounters differing structures in the body it sends back echoes of varying strength depending on the density of the structures being scanned. These varying echoes are detected by the ultrasound probe and picked up by the machine, which in turn create an image of the soft tissue being scanned onto a monitor.

An ultrasound scan is a very commonly used test and as it uses sound waves and not radiation it is considered to be very safe.

**For further information or to book an ultrasound scan**

**Tel: 01943 850723**