

## PATIENT INFORMATION SHEET - MUSCULOSKELETAL ULTRASOUND

Ultrasound imaging uses sound waves to create images of tendons, ligaments, muscles, nerves and joints. It does not use radiation and is considered safe, including during pregnancy. At Alphington Sports Medicine, our ultrasound machine may be used by our Sports Medicine Doctors, where clinically indicated, to:

1. Diagnose a musculoskeletal condition.
2. Guide injections or drain fluid / effusions. These are minimally invasive procedures, and your Sports Medicine Doctor will discuss the risks that are relevant to you in the consultation.

### ABOUT THE TREATMENT:

The ultrasound machine has a transducer (probe) that is moved across your skin after gel has been applied. The sound waves travel through the transducer and gel and then into your body. The transducer collects the waves that bounce back (echo waves), and the computer creates an image seen on screen.

You will be asked to uncover the body part being assessed or treated. This may mean removing some of your clothing and/or jewellery in the area.

The procedure requires no special preparation, but if being done in combination with an injection your skin will be cleaned with an antiseptic solution.

You will be either sitting or lying down during the examination.



Most ultrasound examinations are brief, painless and easily tolerated. Our Sports Medicine Doctors are trained in the safe use and interpretation of ultrasound imaging.

Ultrasound does not pose any risk in the presence of cardiac pacemakers or metallic implants.