3D Gait Analysis

Why choose us?

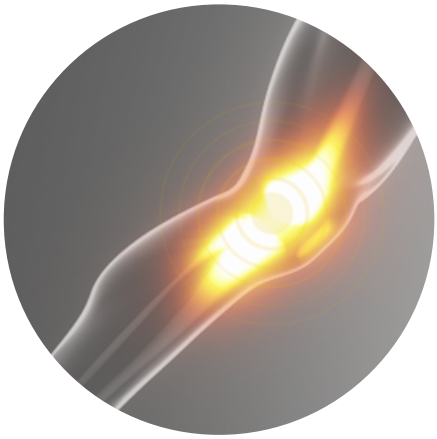
We use our 3D gait analysis system to treat injuries, help our patients move better, run faster, stay active and pain-free.

It can be used to quantify the impact of an intervention such as an orthotic, monitor progress over time and help you return to activity following an injury or surgery.

Our state-of-the-art 3D motion analysis technology is used to accurately measure how a person moves, the joint angles at your hips, knees and ankles in 3D, all captured in real-time. This helps us to accurately determine the root cause of your problem.

The results of your 3D gait analysis are used to give you data-driven advice and give us the information to recommend the best treatment pathway for your condition.

Who is 3D Gait Analysis for?



- Those wanting to get rid of existing pain during walking or running.
- Those with persistent or recurring injuries.
- Those seeking to improve performance and training volume.
- New runners seeking advice to prevent injury and optimise their performance.
- Those recovering after lower limb, foot and ankle surgery.

3D Gait Analysis

3D Silver Assessment Summary

The silver assessment is our baseline service and includes an objective 3D gait analysis of you walking or running on a treadmill. using infrared cameras and state-of-the-art technology to accurately identify your movement patterns.

What do I get? A detailed report of your walking or running gait highlighting biomechanical issues, movement asymmetries and performance indicators. For runners we recommend running technique and performance advice, which may include rehabilitation and physiotherapy.

How long does it take? Allow 1 hour

3D Gold Assessment Summary

The gold assessment includes everything included in the silver assessment IN ADDITION TO an objective musculoskeletal exam.

The results of the gold analysis give a clear picture of the patient's gait and biomechanical function, and are used to provide evidence-based recommendations (e.g. physiotherapy, exercises, further treatment, and gait retraining).

What do I get? A detailed report of walking or running gait and a detailed and objective analysis of musculoskeletal function, and performance indicators. Advice and recommendations are based on your results.

How long does it take? Allow 2 hours

For more information, contact us at Tel. 0118 304 9389 or book online