

VIDEO GAIT ANALYSIS



PioneerPodiatry

FOOT SMART FOCUS
PATIENT INFORMATION SHEET

What is video gait analysis?

At Pioneer Podiatry, we use this advanced form of motion analysis to assist us in diagnosing complex motion related pathology of the foot, ankle, knee hip and lower back.

Video gait analysis is particularly useful in helping to diagnose conditions associated with running or sport, as well as painful foot and leg conditions that are termed 'overuse' in nature.



This assessment is routinely performed by our specially trained podiatrists during this form of consultation.

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How does video gait analysis work?

There are three basic stages to the human gait cycle, and it is impossible to view the detail of this intricate motion with the naked eye. With computerised video gait analysis, we are able to break each second of the gait cycle into tiny segments (frames), allowing detailed assessment of the patient's foot position and overall posture.

Our integrated software allows us to further manipulate the images obtained to calculate kinematic angulations (motion of body planes) of the leg, ankle and foot and then print them for you to take home. In addition, all video and still-frame images are saved to our advanced multimedia server for reference and review purposes, allowing instantaneous comparison with different shoes, or changes over time or post-operatively. We can also help you with rehabilitation following injury or surgery.

More questions? Call us or check out our website.

07 4942 5016

PIONEERPODIATRY.COM.AU

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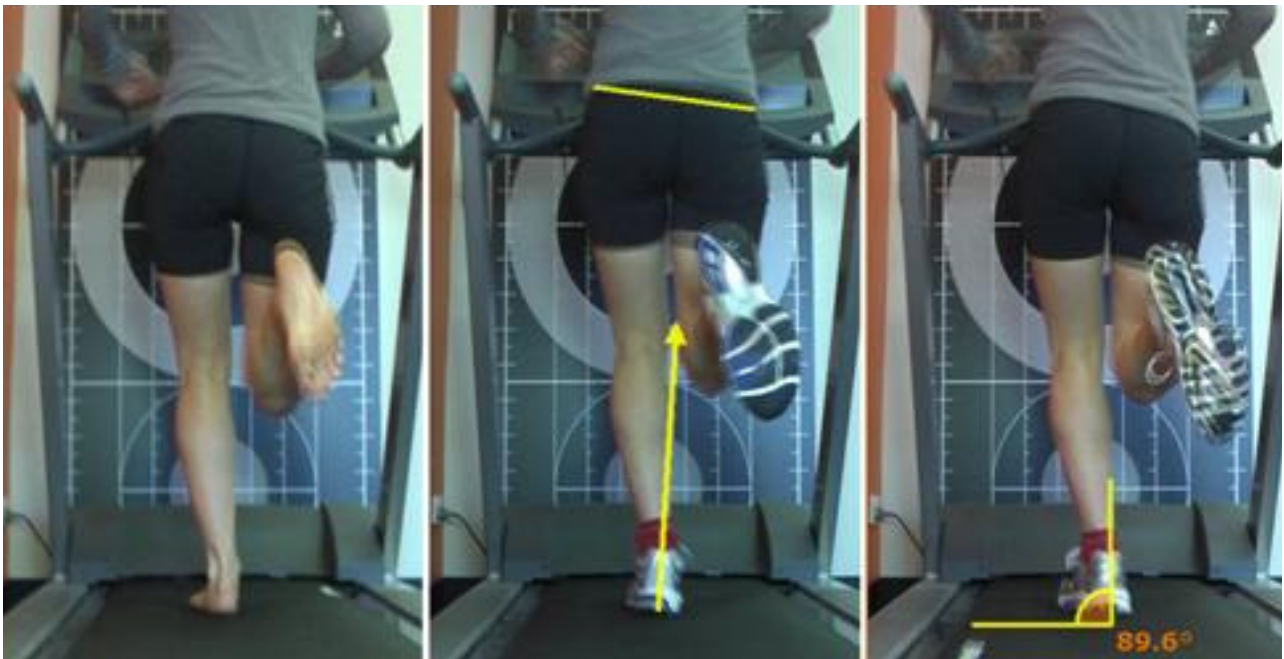
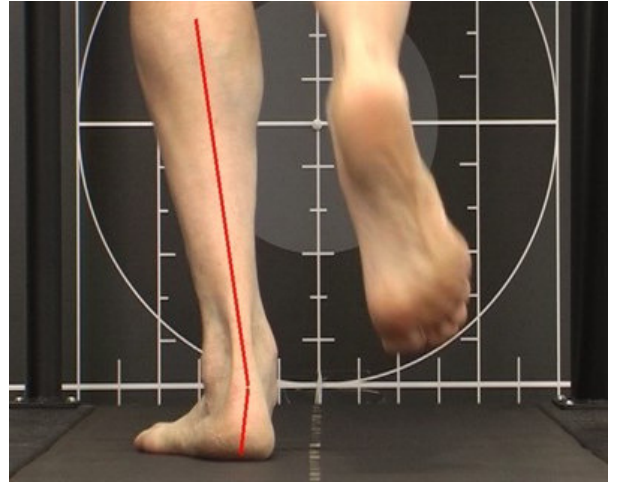


PioneerPodiatry

FOR THE DOCTOR
CLINICAL PRACTICE GUIDELINE

How can video gait analysis help?

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We have comprehensive Clinical Practice Guidelines on our website for this condition, including videos, more details, and literature references.