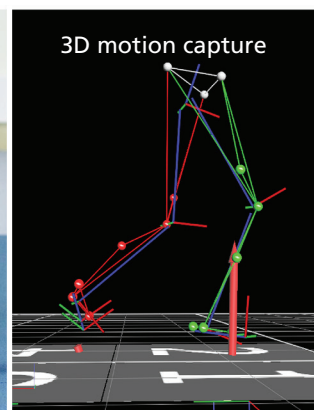


3D Gait Analysis at SAMAC

Information for Families



What do I bring for my child?

*In addition to those things listed in the appointment letter, please bring:

- > Short shorts, or shorts that are loose enough to be folded up
- > Singlet top
- > All orthotics, walking aids and shoes that are being used regularly
- > A snack and drink

Where?

Please report to the main reception area on level 3 in the Rehabilitation and Palliative Care Building at Flinders Medical Centre (see map and parking information attached).

Why?

The gait analysis will provide detailed information about your child's walking which can help to assess how they are progressing and to determine treatment recommendations. You can call us directly on 8404 2661 if you have any questions about the assessment or would like to discuss any special arrangements needed for your child.

What happens during a 3D Gait Analysis?

A physiotherapist will conduct a physical examination to assess joint movement, muscle length and muscle strength. We will then place reflective markers on your child's skin at specific locations. Once the markers are set up, your child will be asked to walk up and down the lab barefoot. We will collect regular 2D video footage as well as detailed information with our 3D motion capture cameras. Walking trials may then be repeated with different orthotics or walking aids as determined by the team.

How long does it take?

The whole assessment can take up to 3 hours, but this will depend on the specific assessment needs of your child.

How do we hear about the results?

The SAMAC team analyse the information collected, and present this information in a reporting meeting together with the Women's and Children's Hospital team. The report is finalised and sent out shortly after this reporting meeting. Your referring doctor will discuss the findings with you at your next appointment.

For more information

South Australian Movement Analysis Centre (SAMAC)

Southern Adelaide Local Health Network

Telephone: 08 8404 2661

www.sahealth.sa.gov.au



This document has been reviewed and endorsed by consumers.

This document/publication can be provided in an alternative format upon request.

Reviewed July 2018 Next review July 2021

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