

**Clinical Movement Analysis Society - UK and Ireland
Statement of Purpose Form**



Name of Laboratory	Gait Laboratory
Address	Sheffield Children's NHS Foundation Trust Ryegate Children's Centre Tapton Crescent Road Sheffield S10 5DD
Telephone number	0114 271 7629
Email	Wendy.dickens@sch.nhs.uk
Website	http://www.sheffieldchildrens.nhs.uk/services/2-6-gaitanalysis.php

Please provide a brief description of your laboratory – history, location, etc. Also describe main activities – clinical/teaching/research (maximum 150 words).

The Gait Laboratory is part of the Sheffield Children's NHS Foundation Trust, which is a major provider of healthcare for children and young people. The Laboratory was opened in 1994 and is located in the Ryegate Children's Centre site which is approximately one mile from the main Sheffield Children's Hospital site (opened in 1876).

The Gait Laboratory provides analysis of gait (using 3-D kinematics and kinetics, video data and clinical examination as required) and works closely with other specialists within the Trust including orthopaedic surgeons, paediatric neurologists, paediatricians and orthotists. It also provides education and training to NHS staff and students.

The Laboratory's research programme is clinically led and is focussed currently on cerebral palsy, talipes and femoral head avascular necrosis.

Host Institution

NHS Trust	<input checked="" type="checkbox"/>
University/Academic	<input type="checkbox"/>
Private Company	<input type="checkbox"/>
Other...(please specify)	

Staffing

	Employed by laboratory	Available for consultation
Orthopaedic Surgeon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rehabilitation Consultant	<input type="checkbox"/>	<input type="checkbox"/>
Paediatrician	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Neurologist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Physiotherapist	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sports Scientist	<input type="checkbox"/>	<input type="checkbox"/>
Bioengineer (Clin Sci)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Orthotist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Prosthetist	<input type="checkbox"/>	<input type="checkbox"/>
Podiatrist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Others (please specify:)		
Electronics Engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mechanical Engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Named Staff

	Name	Email	Phone
Main contact	Wendy Dickens	wendy.dickens@sch.nhs.uk	0114 271 7629
Clinical Lead	Wendy Dickens	wendy.dickens@sch.nhs.uk	0114 271 7629
Technical Lead	Dr Jill van der Meulen	jill.vandermeulen@sth.nhs.uk	0114 271 7629

Clinical Expertise

- please indicate if you have a major interest in this area, a minor interest or would not accept a referral (excluded)

	Adults	Children
Cerebral Palsy	Minor	Major
Neuromuscular disorders	Minor	Major
Orthopaedics	Minor	Major
Spinal injuries	Minor	Major
Stroke	Minor	Major
Orthotics	Minor	Major
Orthotic tuning	Excluded	Excluded
Prosthetics	Excluded	Minor
Sports	Excluded	Minor
Others (please specify:)		

Testing Available

Orthogonal video filming	<input checked="" type="checkbox"/>
Video vector technology	<input type="checkbox"/>
3D movement analysis	<input checked="" type="checkbox"/>
Force plate	<input checked="" type="checkbox"/>
Electromyography	<input type="checkbox"/>
Plantar pressure measurement - barefoot	<input type="checkbox"/>
Plantar pressure measurement – in shoe	<input type="checkbox"/>
Energy cost measurement (oxygen/HR)	<input type="checkbox"/>
Balance assessment	<input type="checkbox"/>
Upper limb assessment	<input type="checkbox"/>
Other (please specify)	
Functional Measures e.g. Gross Motor Functional Classification System (GMFCS), Functional Assessment Questionnaire (FAQ), Functional Mobility Scale (FMS)	<input checked="" type="checkbox"/> <input type="checkbox"/>

Levels of Reporting (tick all that are available)

Graphs/Data only	<input checked="" type="checkbox"/>
Written description of movement and deviations	<input checked="" type="checkbox"/>
Treatment recommendations	<input checked="" type="checkbox"/>