

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



Name of Laboratory	Sheffield Children's Hospital 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	w.dickens@nhs.net
Website	https://www.sheffieldchildrens.nhs.uk/services/gait-analysis-laboratory/

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, centre of mass, and hip dysplasia.

Host Institution

NHS Trust	<input checked="" type="checkbox"/>
University/Academic	<input type="checkbox"/>
Private Company	<input type="checkbox"/>
Other...(please specify)	Click or tap here to enter text.

Named Staff

	Name	Email	Phone
Main contact	Wendy Dickens	w.dickens@nhs.net	0114 271 7629
Clinical Lead	Wendy Dickens	w.dickens@nhs.net	0114 271 7629
Technical Lead	Emma Pratt	emmapratt@nhs.net	0114 271 7629

Staffing

	<i>Employed by laboratory</i>	<i>Available for consultation</i>
Orthopaedic Surgeon	<input checked="" type="checkbox"/>	<input 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"/>
Clinical Technologist	<input type="checkbox"/>	<input type="checkbox"/>
Orthotist	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Prosthetist	<input type="checkbox"/>	<input type="checkbox"/>
Podiatrist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Others (please specify:)		
Rheumatologist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Oncologist	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Clinical Expertise

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

	<i>Adults</i>	<i>Children</i>
Cerebral Palsy	Minor	Major
Neuromuscular disorders	Minor	Major
The Foot	Minor	Major
Orthopaedics	Minor	Major
Spinal injuries	Minor	Minor
Stroke	Minor	Major
Orthotics	Minor	Major
Orthotic tuning	Minor	Minor
Prosthetics	Minor	Minor
Sports	Excluded	Minor
Others (please specify:) Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

Testing Available

	Level of Reporting
Clinical exam	Treatment Recommendations
Orthogonal video filming	Treatment Recommendations
Force plate	Treatment Recommendations
Video vector technology	Descriptive Interpretation
3D movement analysis	Treatment Recommendations
Detailed foot movement analysis	Treatment Recommendations
Electromyography	Choose an item.
Plantar pressure measurement - barefoot	Choose an item.
Plantar pressure measurement – in shoe	Choose an item.
Energy cost measurement (oxygen/HR)	Choose an item.
Balance assessment	Choose an item.
Upper limb assessment	Choose an item.
Other (please specify) Functional Measures e.g. Gross Motor Functional Classification (GMFCS), Functional Assessment Questionnaire (FAQ), Gait Profile Score (GPS), Functional Mobility Scale (FMS) Click or tap here to enter text. Click or tap here to enter text. Click or tap here to enter text.	Basic Data and Graphs Choose an item. Choose an item. Choose an item.