

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



Name of Laboratory	Derby Gait and Movement Laboratory
Address	Junction 9 London Road Community Hospital London Road Derby DE1 2QY
Telephone number	01332 254793
Email	Steve.attfield@derbyhospitals.nhs.uk
Website	www.gait.com

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

Derby gait lab has been established since 1994, and is well equipped for motion analysis, based on a 14-camera BTS system. The team includes a Lead Bioengineer with over 15 years clinical gait experience, a research physiotherapist with over 9 years gait experience, a technologist and secretary. We also have input from a Consultant Paediatric Orthopaedic Surgeon and Consultant in Rehabilitation Medicine, and have clinical scientist trainees working with us.

Our main activity is clinical, and we assess adults and children with a wide range of walking problems. We run an annual gait course, and provide teaching sessions to different clinical teams as required. We are also actively involved in research with several different current projects including an RCT, and several PhD theses completed.

**Host Institution**

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

### **Staffing**

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

### **Named Staff**

	<b>Name</b>	<b>Email</b>	<b>Phone</b>
Main contact	Steve Attfield	Steve.attfield@derbyhospitals.nhs.uk	01332 254793
Clinical Lead	Helen Evans	Helen.evans@derbyhospitals.nhs.uk	01332 254793
Technical Lead	Steve Attfield	Steve.attfield@derbyhospitals.nhs.uk	01332 254793

### **Clinical Expertise**

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

	<b>Adults</b>	<b>Children</b>
Cerebral Palsy	Major	Major
Neuromuscular disorders	Major	Major
Orthopaedics	Major	Major
Spinal injuries	Minor	Minor
Stroke	Minor	Minor
Orthotics	Major	Major
Orthotic tuning	Major	Major
Prosthetics	Minor	Minor
Sports	Minor	Minor
Others (please specify: Diabetes Biomechanical foot problems	Minor Minor	Minor Minor

**Testing Available**

Orthogonal video filming	<input checked="" type="checkbox"/>
Video vector technology	<input checked="" type="checkbox"/>
3D movement analysis	<input checked="" type="checkbox"/>
Force plate	<input checked="" type="checkbox"/>
Electromyography	<input checked="" type="checkbox"/>
Plantar pressure measurement - barefoot	<input checked="" type="checkbox"/>
Plantar pressure measurement – in shoe	<input type="checkbox"/>
Energy cost measurement (oxygen/HR)	<input checked="" type="checkbox"/>
Balance assessment	<input type="checkbox"/>
Upper limb assessment	<input type="checkbox"/>
Other (please specify)	<input 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"/>