

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



Name of Laboratory	Gait Laboratory
Address	Douglas Bader Rehabilitation Centre Queen Mary's Hospital Wandsworth Primary Care Trust Roehampton London SW15 5PN
Telephone number	020 8487 6101
Email	gaitlab@wpct.nhs.uk
Website	

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 Douglas Bader Rehabilitation Centre, which provides a wide range of rehabilitation services.

The Gait Laboratory provides clinical services in upper/lower limb movement analysis and electrical stimulation. It also provides education and training to NHS staff and clinical/engineering students. It works closely with other staff in the Rehabilitation Centre, for example as part of multidisciplinary teams for spasticity management, orthotic tuning, and evaluation of complex prosthetic componentry.

The Laboratory has a major research and development role within the Hospital, supported by a formal academic link with the University of Surrey.

***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 type="checkbox"/>	<input checked="" type="checkbox"/>
Rehabilitation Consultant	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Paediatrician	<input type="checkbox"/>	<input type="checkbox"/>
Neurologist	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>
Podiatrist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Others (please specify: Electronic Engineer Mechanical Engineer	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

### **Named Staff**

	<b>Name</b>	<b>Email</b>	<b>Phone</b>
Main contact	Dr David Ewins	david.ewins@wpct.nhs.uk	020 8487 6014
Clinical Lead	Sally Durham	sally.durham@wpct.nhs.uk	020 8487 6101
Technical Lead	Dr David Ewins	david.ewins@wpct.nhs.uk	020 8487 6014

### **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	Minor	Major
Neuromuscular disorders	Major	Minor
Orthopaedics	Minor	Major
Spinal injuries	Minor	Minor
Stroke	Major	Minor
Orthotics	Major	Major
Orthotic tuning	Major	Major
Prosthetics	Major	Major
Sports	Excluded	Excluded
Others (please specify: Functional Electrical Stimulation	Major	Major

**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 type="checkbox"/>
Electromyography	<input checked="" type="checkbox"/>
Plantar pressure measurement - barefoot	<input type="checkbox"/>
Plantar pressure measurement – in shoe	<input checked="" 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)	
Functional Measures: Action Research Arm Test; Box and Blocks Test; Jebsen-Taylor Test of Hand Function; and Nine Hole Peg Test	<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"/>