

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



Name of Laboratory	Clinical Measurements Laboratory
Address	West Midlands Rehabilitation Centre 91 Oak Tree Lane Selly Oak Birmingham B29 6JA
Telephone number	0121 627 8123
Email	david.pratt@sbpct.nhs.uk
Website	http://www.sbcch.nhs.uk/about-us/divisions-and-directorates/specialist-services/rehabilitation/west-midlands-rehabilitation-centre/services/clinical-measurements-laboratory/

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

Our gait laboratory is situated in Birmingham and serves patients within the West Midlands Strategic Health Authority. It started in a small way in the late 1990s but was given a new purpose-built facility in 2000. Our current service utilises a 12 camera 3D Vicon Nexus system.

We see adults and children with a mixture of neurological and orthopaedic problems and provide a comprehensive motion assessment and treatment planning service. We also work very closely with Birmingham Children’s Hospital.

We carry out clinical work with several related research programmes. We also have a teaching role via Birmingham University and Matthew Boulton College.

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 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 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 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: (use Enter to expand)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Named Staff

	Name	Email	Phone
Main contact	Prof David Pratt	david.pratt@sbpct.nhs.uk	0121 627 8123
Clinical Lead	Prof David Pratt	david.pratt@sbpct.nhs.uk	0121 627 8123
Technical Lead	Ralph Palmer	ralph.palmer@sbpct.nhs.uk	0121 627 8123

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

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 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)	<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"/>