

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



Name of Laboratory	The Institute of Motion Analysis & Research (IMAR)
Address	TORT Centre Ninewells Hospital Dundee DD1 9SY
Telephone number	01382 425746
Email	imar@dundee.ac.uk
Website	http://www.dundee.ac.uk/orthopaedics/

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

IMAR has five biomechanics laboratories: The gait assessment lab, sports biomechanics lab, foot pressure measurement lab, upper limb assessment lab and materials testing lab. IMAR exists to provide patients, healthcare professionals, healthcare providers, legal practitioners and other relevant professionals with a quantified motion analysis service. It provides objective, detailed, evidence-based guidelines in relation to motion analysis to assist in the management of individuals with movement disorders.

In addition to clinical services, it provides the facilities and expertise for students to undertake research in biomechanics and movement analysis either in-house or by distance learning from certificate to PhD level.

IMAR provides these services using a combination of clinically and technically experienced motion analysis staff in liaison with associated healthcare professionals. The motion data are collected using a combination of commercially available systems and by hardware/software developed within the department.

Host Institution

NHS Trust	<input type="checkbox"/>
University/Academic	<input checked="" 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 checked="" type="checkbox"/>
Neurologist	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Physiotherapist	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sports Scientist	<input checked="" type="checkbox"/>	<input checked="" 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: (use Enter to expand) Physicist IT Specialist Mechanical Engineer Professor in Biomechanics Technician Postgraduate Skills Tutor Audit Nurse	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Named Staff

	Name	Email	Phone
Main contact	Prof Rami Abboud	r.j.abboud@dundee.ac.uk	01382 496332
Clinical Lead	Mrs Sheila Gibbs	s.gibbs@dundee.ac.uk	01382 496288
Technical Lead	Dr Graham Arnold	g.p.arnold@dundee.ac.uk	01382 740158

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	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:)		

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 checked="" 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)	<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"/>