

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



Name of Laboratory	ORLAU
Address	Robert Jones and Agnes Hunt Orthopaedic Hospital Oswestry SHROPSHIRE SY10 7AG
Telephone number	01691 404236
Email	Lesley.Vine@rjah.nhs.uk
Website	www.rjah.nhs.uk

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

ORLAU is part of the RJAH Orthopaedic Hospital, located on the Shropshire/Wales border, near Oswestry.

Since 1975 ORLAU has developed expertise in gait and rehabilitation. In 2008 the department moved into a new building containing a large gait laboratory and instrumented therapy area.

Clinical services include gait analysis, orthotic tuning and FES. The Hospital also offers multilevel surgery and the UK's only service for selective dorsal rhizotomy.

ORLAU staff are invited to lecture across the UK and contribute to the annual ESMAC gait analysis course.

Research interests include outcome measurement, musculoskeletal modelling, FES and contracture management.

***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 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 type="checkbox"/>
Sports Scientist	<input type="checkbox"/>	<input type="checkbox"/>
Bioengineer (Clin Sci)	<input checked="" 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 type="checkbox"/>
Others (please specify: Rehab Engineer Electronics Engineer Clinical Technologist	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

### **Named Staff**

	<b>Name</b>	<b>Email</b>	<b>Phone</b>
Main contact	Caroline Stewart	Caroline.Stewart@rjah.nhs.uk	01691 404666
Clinical Lead	Andrew Roberts	Andrew.Roberts@rjah.nhs.uk	01691 404236
Technical Lead	Caroline Stewart	Caroline.Stewart@rjah.nhs.uk	01691 404666

### **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	Major	Major
Stroke	Major	Major
Orthotics	Major	Major
Orthotic tuning	Major	Major
Prosthetics	Minor	Minor
Sports	Minor	Minor
Others (please specify: FES	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 checked="" type="checkbox"/>
Electromyography	<input checked="" type="checkbox"/>
Plantar pressure measurement - barefoot	<input checked="" 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"/>