

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



<b>Name of Laboratory</b>	ORLAU
<b>Address</b>	Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust Oswestry SHROPSHIRE SY10 7AG
<b>Telephone number</b>	01691 404236
<b>Email</b>	caroline.stewart@nhs.net
<b>Website</b>	www.rjah.nhs.uk/orlau

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 RJA 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.

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

**Host Institution**

NHS Trust	<input checked="" type="checkbox"/>
University/Academic	<input type="checkbox"/>
Private Company	<input type="checkbox"/>
Other...(please specify)	Click or tap here to enter text.

**Named Staff**

	Name	Email	Phone
Main contact	Caroline Stewart	caroline.stewart9@nhs.net	01691 404666
Clinical Lead	Robert Freeman	robertfreeman@nhs.net	01691 404236
Technical Lead	Caroline Stewart	Caroline.stewart9nhs.net	01691 404666

**Staffing**

	<i>Employed by laboratory</i>	<i>Available for consultation</i>
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"/>
Clinical Technologist	<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:)		
Rehabilitation Engineer	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**Clinical Expertise**

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

	<i>Adults</i>	<i>Children</i>
Cerebral Palsy	Major	Major
Neuromuscular disorders	Major	Major
The Foot	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**

	<b><i>Level of Reporting</i></b>
Clinical exam	Treatment Recommendations
Orthogonal video filming	Treatment Recommendations
Force plate	Treatment Recommendations
Video vector technology	Treatment Recommendations
3D movement analysis	Treatment Recommendations
Detailed foot movement analysis	Treatment Recommendations
Electromyography	Treatment Recommendations
Plantar pressure measurement - barefoot	Treatment Recommendations
Plantar pressure measurement – in shoe	Choose an item.
Energy cost measurement (oxygen/HR)	Choose an item.
Balance assessment	Choose an item.
Upper limb assessment	Treatment Recommendations
Other (please specify) Click or tap here to enter text. Click or tap here to enter text. Click or tap here to enter text. Click or tap here to enter text.	Choose an item. Choose an item. Choose an item. Choose an item.