

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



Name of Laboratory	North West Movement Analysis Centre (NWMAC)
Address	Alder Hey Children’s NHS Foundation Trust Eaton Road Liverpool L12 2AP
Telephone number	0151 252 5949
Email	ornella.pinzone@alderhey.nhs.uk
Website	www.alderhey.nhs.uk Click or tap here to enter text.

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

The NWMAC, established in 1997, located in Alder Hey Children’s Hospital, Liverpool has a multidisciplinary team and offers a regional specialist service to both adults and children with movement disorders.

The laboratory is the hub of the cerebral palsy service co-ordinating: long-term physiotherapy supervision of patients; providing recommendations for non-operative interventions; recommendations for multi-level surgical interventions including pre-operative planning and pre and post surgical rehabilitation protocols.

Research interests: Neuromuscular conditions, Leg length discrepancy, Core control in CP with John Moore’s University, Muscle strengthening in CP, Muscle stretching in CP.

Teaching commitments: John Moores University Biomechanics MSc, Specialist registrar training, Clinical scientist training programme.

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	Ornella Pinzone	ornella.pinzone@alderhey.nhs.uk	0151 252 5949/5053
Clinical Lead	David Wright	Click or tap here to enter text.	0151 252 5949/5053
Technical Lead	Ornella Pinzone	ornella.pinzone@alderhey.nhs.uk	0151 252 5949/5053

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 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 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 type="checkbox"/>
Others (please specify: Click or tap here to enter text.	<input 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	Minor	Major
Orthopaedics	Minor	Major
Spinal injuries	Excluded	Excluded
Stroke	Minor	Major
Orthotics	Minor	Major
Orthotic tuning	Minor	Minor
Prosthetics	Minor	Minor
Sports	Excluded	Excluded
Others (please specify: Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

Testing Available

	Level of Reporting
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	Choose an item.
Electromyography	Descriptive Interpretation
Plantar pressure measurement - barefoot	Choose an item.
Plantar pressure measurement – in shoe	Choose an item.
Energy cost measurement (oxygen/HR)	Choose an item.
Balance assessment	Choose an item.
Upper limb assessment	Choose an item.
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.