POST GRADUATE QUALIFICATIONS IN ADVANCED PHYSIOTHERAPY

Paediatric Cardiorespiratory Physiotherapy

Wednesday 4th February 2015 – Wednesday 11th February 2015 (not including weekends)

This 6 day course aims to provide students with an introduction into cardiorespiratory physiotherapy for paediatric patients.

Supporting tutorials and lectures will cover:

- Differences between adults and children in terms of respiratory system physiology, and lung growth and development.
- Cardiac embryology and development of the pulmonary circulation.
- Current concepts in the management of children with chronic respiratory problems (such as cystic fibrosis and neuromuscular conditions) including managing the asymptomatic patient, the use of airway clearance devices, non-invasive ventilation and the management of patients receiving long-term ventilation.
- The role of exercise rehabilitation and exercise testing for children with respiratory disease.
- Pathophysiology related to common causes of respiratory distress in the neonate (meconium aspiration, congenital diaphragmatic hernia, pulmonary hypoplasia, persistent pulmonary hypertension).
- Management of neonates and children in paediatric intensive care including the evidence for mechanical ventilation, weaning from the ventilator, physiotherapy assessment, manual techniques and treatment skills in intensive care, respiratory imaging and interpretation.

Workshops will cover:

- Emergency physiotherapy scenarios in the intensive care unit.
- The theory and practice of airway clearance devices and techniques.
- Case studies relating to patients with complex needs.

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Course requirements
Applicant’s should meet UCL’s usual criteria for studying at Masters level and hold an appropriately related clinical, exercise or health science qualification. The essence of the module makes it desirable to have related experience in exercise with clinical populations.

Applicant’s hoping to transfer credits to the MSc in Advanced Paediatric Physiotherapy should have a BSc in Physiotherapy at a 2:1 or above, or an approved Diploma in Physiotherapy together with evidence of appropriate clinical and/or teaching experience. We expect students to have had at least 2 years post-qualification clinical experience and UK state registration is preferred (http://www.hpc-uk.org/).

Course Fee: £800 (short course)       £850 (taster course; including assessment)

For further information, please contact:
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www.ucl.ac.uk/advanced-physiotherapy/shortcourses/short_taster_modules