



Visiting Professional Programme: Lane Fox Respiratory

Introduction

The Lane Fox Respiratory programme is designed to be tailored to the visiting professional's specific requirements and areas of interest. The aim is to provide a unique development experience which broadens visiting professional's clinical education and enables them to learn new skills that can be transferred back to their work place.

The Lane Fox Unit aims to provide expert care in a relaxed and friendly atmosphere, to encourage patient independence, maintain family/carer involvement and promote health.

The unit:

- Supports over 1200 people at home with a variety of breathing aids
- Has an outreach ventilation weaning service to provide expert advice to intensive care units in the South of England.
- This service also provides care coordination for the ventilator dependent patients in the community
- Provides 24-hour medical, nursing, therapy and technical support
- Holds weekly clinics for new referrals and to review patients' progress.

The respiratory programme offers an unrivalled opportunity to benefit from world class clinical knowledge in the heart of London.

Who should attend?

This programme is intended for non U.K. doctors with an interest in respiratory medicine. Delegates should have experience working in a hospital environment, although this is not essential.

All applicants must have GMC registration in order to apply to the Lane Fox Respiratory Programme. You can apply for GMC registration directly through the main GMC website (www.gmc-uk.org), alternatively The Royal College of Physicians run a medical training initiative which facilitates GMC registration and provides sponsorship for a Tier 5 visa. You can find out more about their Medical Training Initiative by visiting their website (www.rcplondon.ac.uk/education-practice/advice/medical-training-initiative).

Duration

We are able to offer visiting professional programmes for overseas doctors for 3, 6 or 12 months periods. Shorter or longer attachments are available if required. As we have a number of visiting doctors at any one time it is important that we have a clear understanding of exactly which areas of respiratory you are most interested in. The respiratory programme is tailored to your specific requirements and if you have an interest in a particular area then simply let us know.

Format

The programme is delivered in the work place and participants will receive one to one supervision and direction whilst based in the clinic or day-case environment. This programme gives the opportunity for participants to be totally integrated with the day to day service within Lane Fox.

Overall aims

The programme is aimed at those doctors who wish to learn more about the diagnosis, treatment and management of respiratory conditions. The programme is very hands on and provides practical sessions in the clinics and wards.



Dr Nicholas Hart with a patient

- Join the medical, nursing and physiotherapy teams on the wards to gain a better understanding of the assessment and management of patients with chronic respiratory disease.
- Gain insight into the importance of adopting a multi-disciplinary approach to the management of patients with chronic respiratory failure.
- Review different service models and assess the viability of introducing such models within your own work environment.
- Attend the Lane Fox Unit's multidisciplinary team meeting for an overview of inpatient progress and on-going management of complex respiratory patients.
- Join the outreach team on visits to long term home mechanical ventilation units.
- Attend home mechanical ventilation outpatient clinics.

Sample timetable

Day	AM	PM
Monday	<p>Tour of the Unit and introduction to LFU personnel</p> <p>Overview of Lane Fox Respiratory Unit - Patient Referral Patterns and Care Pathways for Longer term NIV</p> <p>Overview of Acute NIV Service at St Thomas'</p>	<p>Patient assessment on the ward</p> <p>Introduction to screening and monitoring tools such as bedside spirometry, continuous oximetry and transcutaneous capnometry, measurement of respiratory muscle strength, interpretation of chest x-rays</p>
Tuesday	<p>Review of the overnight Oximetry and Capnography of new patients and discussion re treatment needed.</p> <p>LFU Ventilation Clinic</p> <p>LFU Ward Round</p>	<p>Pathophysiology of Diseases that respond to NIV – Acute and Chronic</p> <p>Obstructive Sleep Apnoea Syndrome</p> <p>How to interpret Oximetry/ Capnography</p>
Wednesday	<p>Review of the overnight Oximetry and Capnography of new patients and patients started on NIV</p> <p>Ventilator settings. Where to start? How and When to adjust? Review of Lane Fox Protocols.</p>	<p>Troubleshooting Ventilators</p> <p>Set up Acute NIV Protocol and Set Up of Chronic NIV Protocol</p> <p>Review of Lane Fox protocols for ventilation in different disease cohorts.</p>
Thursday	<p>Overview of Lane Fox Unit Outreach service</p>	<p>Home Mechanical Ventilation Service</p>
Friday	<p>LFU Multidisciplinary Team Meeting Handover</p> <p>Overview of inpatients' current progress and management</p> <p>Training and Adherence to ventilation</p>	<p>Measurement of Respiratory Muscle strength and Cough Strength. Demonstration of Techniques</p> <p>Role of Cough Assist Machine Hands on demonstration</p>

Lane Fox Unit

The Lane Fox Respiratory Unit (LFU) provides invasive and non-invasive management of chronic respiratory failure in a purpose built 14-bed ward that was established in 1989.

We provide inpatient care for those failing to 'wean' from invasive ventilation following critical illness.

We also investigate chronic respiratory failure resulting from a variety of causes such as:

- Chronic obstructive pulmonary disease (COPD)
- Neuromuscular disease (for example Duchenne muscular dystrophy and motor neuron disease)
- Chest wall disease (for example scoliosis)
- Chronic respiratory failure related to obesity

We support a large population (over 1,200) in the use of non-invasive ventilation at home and an increasing number of tracheostomy ventilated patients.

We are unique in the UK as we provide a 24-hour medical, nursing and technical back up service for assisting patients who are experiencing difficulty with their ventilatory equipment, especially in the home environment.

The unit provides a comprehensive service for those suffering from the late consequences of poliomyelitis including a post-polio rehabilitation service.

Partnership with REMEO

The Unit has joined with REMEO Ltd, a subsidiary of BOC, to develop a 20-bedded weaning unit that opened on the East Surrey Hospital site in 2014. This novel public-private partnership will allow clinical care to be delivered to more patients with chronic respiratory failure under the care of our consultant team.

Clinical research

Research underpins our activities and informs our patient, carer and staff educational programmes.

We have an active research programme lead by Dr Nicholas Hart and Dr Joerg Steier.

Our research is focused on improving quality of life in patients with chronic respiratory disease and is focused on two areas:

1. Advanced physiological monitoring and ventilatory strategies in sleep and chronic respiratory failure
2. Muscle wasting, weakness and rehabilitation.

We have a PhD research programme with support provided by our clinical trials co-ordinator.

Lane Fox Faculty

Dr Nicholas Hart | Clinical Director

Professor Nicholas Hart was appointed as Director of the Lane Fox Respiratory service in April 2012, which is an internationally recognised weaning, rehabilitation and home mechanical ventilation service.

Since taking over as head of service, Nicholas has increased the activity by the introduction of seven-day working, opening of the Lane Fox-REMEO Centre, restructuring the outpatient clinics and increasing the acuity of the inpatient service, supported by the installation of a comprehensive electronic patient record and central monitoring system.

Nicholas is also Director of Research Delivery for Guy's and St Thomas' and was appointed in 2016. His current roles include:

- professor of respiratory and critical care medicine, Division of Asthma, Allergy and Lung Biology, King's College London
- joint editor-in-chief, Thorax
- Philips global executive pulmonary advisory board.



Consultants

Dr Joerg Steier, Consultant physician (sleep and chronic respiratory failure)

Dr Hina Pattani, Consultant in critical care medicine with a special interest in chronic respiratory failure

Dr Phil Marino, Consultant in weaning, home ventilation and critical care

Dr Patrick Murphy, Consultant physician

Dr Michelle Ramsey, Consultant in respiratory and ventilation medicine

Supporting Consultants

Dr Robin Howard, Adult neurology consultant

Dr Simon Shaw, Rehabilitation consultant

Dr Simon Anderson, Gastroenterology consultant

Professor David Gradwell, Aviation medicine consultant

Dr Stam Kapetanakis, Adult cardiology consultant

Mr Jonathan Lucas, Consultant spinal surgeon

Mr Jonathan Glass, Consultant urologist

Nursing Staff

Natalie Grey, Matron

Kelly Stewart, Outreach sister and home care coordinator

Reegan Puthussery, Ward Manager

Fees

A course fee per week will be applied. This excludes accommodation and travelling expenses. Participants will be provided with a certificate at the end of their attachment.

Registration and enquiries

To register for the Lane Fox Respiratory Visiting Professional Programme please complete the application form at www.guysandstthomasevents.co.uk

For more information please contact us via:

vpp@gstt.nhs.uk

+ 44 (0) 207 188 7188 extension 81622

Guy's and St Thomas' NHS Foundation Trust

Guy's and St Thomas' NHS Foundation Trust is one of the largest Foundation Trusts' in the UK. It consists of St Thomas' Hospital, Evelina London Children's Hospital and Guy's Hospital.

The Trust provides a full range of hospital services, as well as specialist services including cancer, cardiothoracic, women and children's services, kidney care and orthopaedics. Guy's is a major centre for cancer and renal services with the UK's largest kidney donor programme, and is also a leading centre for genetics, stem cell and allergy research and cleft lip and palate. St Thomas' is a leading centre for the treatment of cardiovascular disease, stroke, HIV and dermatology.

The Trust has one of the largest critical care units in the UK and one of the busiest A&E departments in London.

It has an annual turnover of £1.5 billion and employs around 16,200 staff.

Last year, the Trust handled 2.4 million patient contacts, including:

- 1.28m outpatients
- 89,000 inpatients
- 111,000 day case patients
- 205,000 emergency and urgent care attendances
- 810,000 in community services
- 6,567 babies delivered

The Trust has 665 beds at St Thomas', 288 at Guy's, 144 at the Evelina London Children's Hospital and 64 in the community.

NHS statistics show that our patient survival rates are nearly 25 per cent better than the national average. This is one of the lowest standardised mortality rates in the NHS and provides an important indication of the quality of care provided by our clinical staff.

In 2013, the Dr Foster Hospital Guide awarded us Trust of the Year for safe care.

Care Quality Commission (CQC) rating

Guy's and St Thomas' achieved a 'Good' overall rating by the Care Quality Commission (CQC) with several services rated 'Outstanding'.

CQC inspectors visited the Trust's hospital and community services from 7-10 September 2015 with further unannounced visits taking place later the same month.

In its report, the CQC praises staff who its inspectors found to be 'highly committed to the Trust and delivering high quality patient care'.



Guy's and St Thomas' NHS Foundation Trust values

Our values help us to define and develop our culture – what we do and how we do it.

Making people aware of the Trust values, making them part of our culture and demonstrating them through the organisation helps us develop a shared way of acting.

Our values are a key part of everything that we do as an organisation, from being included in staff job descriptions and in our publications, through to our work on leadership development and performance management. Our five values are listed below:

1. Put patients first
2. Take pride in what we do
3. Respect others
4. Strive to be the best
5. Act with Integrity

Every day we aim to provide the most exceptional care to our patients from dedicated staff who follow our five values. Take a look at our video at <http://gti/services/organisational-devt/values-behaviours/our-values.aspx> to see what our values mean to them.



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