



Guy's and St Thomas'



NHS Foundation Trust



Visiting Professional Programme: Dermatological Surgery and Laser Unit

Introduction

The Dermatological Surgery and Laser Unit Programme has been designed by leading surgical consultants within St John's Institute of Dermatology, which is part of Guy's and St Thomas' NHS Foundation Trust. The programme offers international visiting professionals with the opportunity to experience our cutting edge skin cancer services. We aim 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 programme offers an unrivalled opportunity to benefit from world class dermatological knowledge from the largest clinical dermatology department in the UK.

Who should attend?

This programme is intended for non U.K. registrars, fellows and consultants who wish to learn about our cutting edge surgical and laser services through observation.

Duration

We are able to offer visiting professional programmes for periods of 3 months to 6 months. The programme's duration can be tailored to the specific learning requirements of those visiting the Trust.

Format

The programme is delivered within the hospital work place and it includes exposure to clinics, internal teaching meetings, and cutting edge treatments.

Visiting professionals will be aligned with supervisors from within the team who will ensure that all of the learning and development needs and expectations are met.

The programme gives the opportunity for participants to be totally integrated with the day to day service within our dermatological surgery and laser team.

Programme Outline

The programme is aimed those who wish extend their expertise in specialist dermatological techniques and treatments, and who wish to learn more about Guy' and St Thomas'.

- Spend time with and gain learning insight from our expert surgical team
- Gain exposure to cutting edge techniques, including Mohs surgery
- Attend skin cancer clinics and gain exposure to unique cancer cases
- Experience of the NHS and working in one of the largest teaching hospitals in Central London
- The opportunity to create networks and links for future learning and development
- Observe a diverse range of laser treatments, including C02, Pulsed Dye and Nd Yag



St John's Institute of Dermatology

Our dermatology department, known as St John's Institute of Dermatology, is the largest clinical dermatology department in the UK and one of the world's leading centres for patients with skin disease. We are also an internationally recognised centre of research into skin diseases.

Specialist Services

We treat a wide range of skin diseases, including rare and severe conditions that require specialist treatments.

Our specialist services include:

- adult general dermatology
- dermatology pathology
- adult epidermolysis bullosa (EB)
- adult and paediatric genetic skin diseases
- paediatric dermatology
- cutaneous allergy
- dermatological surgery and laser unit (DSLNU)
- inflammatory skin disease
- oral dermatology
- photodermatology
- skin cancer
- urticaria
- women's dermatology
- xeroderma pigmentosum (XP)

St John's Facilities

St John's Institute of Dermatology comprises numerous outpatient consulting facilities including specialised clinical accommodation for cutaneous allergy, paediatric dermatology, a day treatment centre providing topical day treatments, photopheresis, IV therapy and an ambulatory day unit for topical and phototherapy, dermatology and laser theatres, its own histopathology, microbiology, immunofluorescence, EB and mycology laboratories.

Its primary role is to support education and training, research and development in all areas of dermatology. These functions are undertaken in both clinical and academic settings, and in particular within specialist departments such as Paediatric Dermatology Department, the Genetic Skin Disease Group and Geneodermatosis Service, the Department of Cutaneous Photobiology, Dermatological Surgery and Laser Unit, Skin Tumour Unit and Skin Therapy Research Unit.



Dermatological Surgery and Laser Services

Our dermatological surgery and laser unit is the largest centre in the UK, and with over twenty years of experience it is also the most established. We are a tertiary referral centre for patients requiring comprehensive laser treatments for conditions such as for birthmarks, keloid scars and some specific pigmentary conditions.

The unit has a fantastic reputation for providing cutting edge treatments to those with skin cancer, including photodynamic therapy for low risk skin cancers and Mohs surgery. Our team performs over a thousand cases of Mohs surgery every year and we have become a leading centre for Mohs micrographic surgery. In addition to this we are also the only hospital in the whole of the UK that uses reflectance confocal microscopy, removing the need for a biopsy on suitable patients.

Our unit accepts consultation referrals regarding:

- Laser treatments - CO₂, Pulsed Dye, Nd Yag
- Mohs surgery for biopsy proven skin cancer on the face, head and neck
- Treatment of Keloid scars with triamcinolone acetonide
- Photodynamic therapy for superficial skin cancer
- Excision of biopsy proven skin cancer on the body

The dermatological surgery and laser unit does extensive research into the latest diagnostic and treatment methods, and as a result we have become the first hospital in the UK to use a new microscope, called a Vivascope. The Vivascope can detect skin cancer and provide detailed images meaning that it effectively performs a non-invasive biopsy. This is just of many examples as to why our dermatological surgery and laser unit is the best in the country.

Surgery and Laser Unit Faculty



Dr. Raj Mallipeddi | Consultant dermatological surgeon and lead for skin cancer

Dr Raj Mallipeddi qualified from Imperial College School of Medicine and undertook specialist training in dermatology at St John's Institute of Dermatology. He achieved his Doctor of Medicine degree in 2005 and later undertook a procedural dermatology fellowship at UT Southwestern Medical Center, Dallas in 2006. Whilst in Dallas he developed expertise in Mohs micrographic surgery and lasers, and he is now one of the few dermatological surgeons in the UK to be a fellow of the American College of Mohs Surgery.



Dr Richard Barlow | Consultant dermatological surgeon

Dr Barlow qualified at the University of the Witwatersrand in 1983 and undertook his postgraduate general medical training at Hammersmith Hospital and the Royal Postgraduate Medical School in London. He obtained his MD from the University of London and completed his general dermatology training at St John's. Since 1996, Richard has been a consultant and honorary senior lecturer at St John's and for the last 5 years he has been president of the British Cosmetic Dermatology Group.



Dr. Emma Craythorne | Consultant dermatologist and dermatological surgeon

Dr Emma Craythorne attended the School of Medicine and Surgery at the University of Dundee and completed her specialist dermatology training at King's College Hospital, London. She undertook a one-year fellowship in Mohs micrographic surgery and cutaneous lasers at St John's Institute of Dermatology, and has been working in our dermatology surgery and laser unit since 2012, where she specialises in the diagnosis and treatment of skin cancers, treatment of severe scarring and laser surgery.



Dr. Nisith Sheth | Consultant dermatologist and dermatological surgeon

Dr Sheth graduated from University College Hospital Medical School and received international training in cutaneous surgery and cosmetic dermatology at Vancouver General Hospital, Canada and the Oregon Health Sciences University, USA. He specialises in Mohs micrographic surgery, laser treatment of skin and photodynamic therapy and sits on the board for the British Cosmetic Dermatology Group and the Royal College of Surgeons. He has also represented dermatology patients' interests for Health Education England.



Dr Rakesh Patalay | Consultant Dermatologist and Dermatology Surgeon

Dr Rakesh Patalay graduated from University College Medical School, London having trained in Dermatology at Imperial College London. He then trained as a Mohs Surgeon before working as a consultant dermatologist and dermatology surgeon at St John's Institute of Dermatology. His clinical interests include skin cancer, Mohs surgery and lasers. His academic interest is developing non-invasive imaging techniques for the skin. He has been a national lead in developing guidance for the use of imaging in the UK and an international thought leader in the field.

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 Dermatological Surgery and Laser Unit Visiting Professional Programme please complete the application form at www.guysandstthomasevents.co.uk and return to:

Events

Guy's and St Thomas' NHS Foundation Trust

vpp@gstt.nhs.uk

Telephone: + 44 (0) 20 7188 7188 extension 55865

History of St John's Institute of Dermatology

St John's Hospital for Diseases of the Skin was founded in London in 1868 by John Laws Milton. Milton was the director for many years, despite being a controversial surgeon who was alleged to have abused his position by holding a lucrative clinic in St John's, and he was the first to describe mucocutaneous angioedema.

In the early 20th century the hospital found itself moving locations in London several times, starting in Soho, then an outpatient premises in Leicester Square and then a 50 bedded in-patient facilities in part of the disused Eastern Fever Hospital in Homerton, east London. At this time St John's consisted of two components: the St John's Hospital for Diseases of the Skin with its own board of governors answerable directly to the Minister of Health, and the Institute of Dermatology which was financed via the Postgraduate Medical Federation at the University of London.

Following the Lord Flowers' report in the early 1980s, which advised the Government to amalgamate smaller postgraduate institutes and their associated hospitals, St John's relocated to St Thomas' Hospital. Soon after St John's was formally renamed St John's Institute of Dermatology.

In 1961 the institute established its first Chair of Dermatology, CD Calnan. He established St John's as an internationally recognised centre of clinical excellence and appointed an academic faculty, which included JL Turk who pinpointed the role of lymphocytes of the regional lymph nodes in the development of cutaneous contact sensitisation. IA Magnus was also appointed as a faculty member and he went on to define the inborn error of metabolism erythropoietic protoporphyria and pioneered the development of the world's first prism and diffraction grating monochromators, enabling accurate definition of the action spectrum for a variety of photodermatoses.

CD Calnan was succeeded by MW Greaves, who extended and developed research facilities at St John's. He obtained several major programme grants from the MRC and the Wellcome Trust to build new laboratories at Homerton, including a mass spectrometry unit for research into the molecular pharmacology of inflammation. This work still continues at St John's today.

Upon Greaves' retirement in 1999, the new occupant of the Chair was JNWN Barker. The academic laboratories of St John's Institute of Dermatology moved into state-of-the-art new facilities at Guy's Hospital in April 2007.

In 2015 the Guy's and St Thomas' Charity produced a book named Skin, A History to celebrate 150 years of St John's Dermatology.

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 £1.2 billion and employs 13,500 staff.

Last year, the Trust handled over 2 million patient contacts, including:

- 1.07m outpatients
- 85,000 inpatients
- 88,000 day case patients
- 192,000 accident and emergency attendances
- 859,000 in community services
- 6,847 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.

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