

Autumn 2016 – Management of Skin Cancer (pilot) TIG Fellowships

Leeds: Yorkshire Cancer Centre

Yorkshire Cancer Network

The Yorkshire Cancer Network serves a population of 2.8M. Uniquely there are separate multidisciplinary teams (MDT) for both Melanoma and Specialist Skin Cancer. The Supranetwork Skin Lymphoma MDT is also based in Leeds, covering Yorkshire, Hull & Yorkshire Coast and North Trent cancer Networks with a combined population of 5.7M.

Leeds Teaching Hospitals NHS Trust

The Leeds Hospitals provide comprehensive health care to Leeds Metropolitan District Council with a population of 750,000. A number of Regional and Sub-Regional Services are also provided from hospitals within the area. There are two major teaching hospitals in Leeds, the Leeds General Infirmary and St. James's University Hospital. The Bexley Wing is one of the largest and most comprehensive single site facilities for cancer care on a main general hospital campus in Europe.

Skin MDTs

The three separate skin MDTs are all fully compliant of IOG recommendations. They are specific MDTs providing treatment and advice for all aspects of Melanoma and Specialist Skin cancer. They have established pathways of access into all the other oncology subspecialties including the Sarcoma MDT and Head and Neck pathways where patients with undiagnosed skin cancers may be referred in to. This will ensure that the fellow should have exposure to the diagnosis and management of routine and complex skin cancers.

Melanoma MDT

Patients are recruited for national and international trials. There is a weekly pigmented lesion clinic which runs in parallel with a plastic surgery clinic. The weekly MDT meeting is followed by a outpatients which is served by adjacent dermatology, plastic surgery, medical and clinical oncology in a single suite of rooms. This is also a lymphoedema clinic in this suite.

Specialist Skin MDT

There is a weekly MDT meeting which is followed by a combined clinic with dermatology, plastic surgery and clinical oncology. Patients with non-melanoma skin cancers are discussed and then reviewed to consider the most appropriate therapy, including non-surgical management, Mohs surgery, PDT and resection. There is close liaison with the Head and Neck MDTs in managing many of these patients.

Supraregional Skin Lymphoma MDT

The trinet network was established to pool expertise for these rare malignancies. There is a monthly MDT meeting which is followed by a combined clinic with dermatology, and clinical oncology. There is a fortnightly cutaneous lymphoma clinic run by dermatology for patients with early stage disease managed by skin directed therapies. The Total Skin Electron Beam Therapy service is centred in Leeds

Summary

Objective

This post has been designed to provide higher trainees with a comprehensive education in the management of all aspects of skin cancer. It will be focused on anatomical sites which are appropriate for the individual's core surgical or medical background

Goals

At the end of the four month placement the fellow should be confident with risk assessment of individuals for developing skin cancer; diagnosis of skin cancer clinically, dermoscopically and understand the appropriate pathology; assess and comprehend the different modalities of non-surgical treatment of skin cancers; discriminate between the various surgical options for resection including Mohs surgery; understand the principals of reconstructive surgery and be able to carry out procedures appropriate to their core training; comprehend the management of stage 3 and stage 4 disease either surgical or oncological and be able to perform procedures commensurate with core training

Solution

The fellow will be fully involved with the 3 specialist multi-disciplinary skin cancer teams in Leeds. This initially will be in a fully supervised capacity but it is expected that during the fellowship period the individual will be expected to carry out procedures under consultant supervision. This post is supernumerary and there is no expectation for service provision.

However it is recognised that practical experience is a requirement of the fellowship and this is likely to involve supervised clinical exposure and procedures.

Audit & Research

It is expected that the fellow will complete and present an audit during their 4 months. There are many options for the fellow to investigate areas of interest and it is also expected that this would lead to a national publication or presentation.

Study and Training

The fellow is expected to participate in continuing medical education. Study leave will need to be booked 6 weeks in advance to allow planning of clinical activities.

Teaching

The fellow is expected to participate in teaching both undergraduate and postgraduate staff from all disciplines.

Skin Oncology Procedures

It is anticipated that the fellow will fully participate in the skin MDTs focusing on areas of interest but it will be expected that they achieved an overview of all aspects of skin cancer diagnosis and management. The combined MDTs in Leeds will be able to provide experience in the following areas according to patient referral patterns.

- Diagnostic techniques of skin cancer
- Local anaesthetic day case surgery
- Photodynamic therapy
- Non-surgical management of skin cancers
- Mohs micrographic surgery
- Sentinel Node Biopsy
- Complex surgical skin cancer management
- Isolated Limb Infusion
- Medical and clinical oncological management of skin malignancy
- Occuloplastic surgery
- Electrochemotherapy
- Total Skin Electron Beam Therapy

Skin Oncology Fellow Timetable

Melanoma Specialist MDT		
Monday	Ad hoc Theatre (HP)	Ad hoc Theatre (HP)
Tuesday	Research	
Wednesday	Skin Cancer Clinic	Pigmented Lesion clinic
Thursday	Melanoma MDT	Melanoma Clinic
Friday	Theatre (HP)	Theatre (HP)
Saturday	Theatre (DD)	Theatre (DD)
Specialist Skin MDT		
Monday		
Tuesday		
Wednesday	Specialist Skin Plastic Surgery clinic	Specialist Skin MDT & Clinic
Thursday		

Friday		
Lymphoma Skin MDT		
1st Wednesday		CTCL MDT & Joint Clinic
3rd/5th Wednesday		Early CTCL Clinic
Occuloplastic		
Monday		Theatre (private)
Tuesday	Clinic (private)	
Wednesday	Clinic	Theatre
Thursday	Clinic	Clinic
Friday		Theatre (post Mohs Recon)

Name Representative members of individual MDT disciplines Representative members of individual MDT disciplines

Howard Peach Consultant Plastic Surgeon, Clinical Lead Specialist Melanoma MDT (SMMDT)

Walayat Hussain Consultant Dermatologist, Clinical Lead Specialist Skin MDT (SSMDT)

Di Gilson Consultant Haematologist, Clinical lead for Supranetwork Skin Lymphoma MDT

Maria Marples Consultant Medical Oncologist (SMMDT)

Prof Alan Melcher Consultant Clinical Oncologist (SMMDT)

Will Merchant Consultant Dermatopathologist

Angana Mitra Consultant Dermatologist (SMMDT)

Fiona Roberts Consultant Clinical Oncologist (SSMDT)

Extended Members other Specialties

Bernie Chang Consultant Occuloplastic Surgeon

Gillon Fabbroni Consultant Maxillofacial Surgeon

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- Photodynamic therapy
- Non-surgical management of skin cancers
- Sentinel Node Biopsy
- Complex surgical skin cancer management
- Isolated Limb Infusion
- Medical and clinical oncological management of skin malignancy.

- Electrochemotherapy may become available
- Total Skin Electron Beam Therapy

Skin Oncology Fellow Timetable

Melanoma Specialist MDT	AM	PM
Monday	Theatre HP / DD	Theatre HP / DD
Tuesday	Research	
Wednesday		Pigmented Lesion Clinic
Thursday	Melanoma MDT	Melanoma Clinic
Friday	Theatre HP / DD	Theatre HP / DD
Specialist Skin MDT		
Monday		
Tuesday		
Wednesday	Specialist Skin Plastic Surgery clinic	Specialist Skin MDT & Clinic
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Lymphoma Skin MDT		
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Wednesday	Specialist Skin Plastic Surgery clinic	Specialist Skin MDT & Clinic
Thursday	Clinic	Clinic
Friday		Theatre (post Mohs Recon)

Members of the Skin MDTs

- Howard Peach: Consultant Plastic Surgeon, Clinical Lead Specialist Melanoma MDT (SMMDT), Chairman NSSG Skin Cancer
- Graeme Stables: Consultant Dermatologist, Clinical Lead Specialist Skin MDT (SSMDT)
- Di Gilson: Consultant Haematologist, Clinical lead for Supranetwork Skin Lymphoma MDT
- Debbie Beirne: Research Nurse Consultant
- Prof Julia Newton Bishop: Consultant Dermatologist (SMMDT)
- Andrew Boon: Consultant Dermatopathologist
- Margaret Brown: Clinical Nurse Specialist (SMMDT)
- Donald Dewar: Consultant Plastic Surgeon
- Sara Edwards: Consultant Dermatopathologist
- Chris Fenn: Consultant Plastic Surgeon (SSMDT)
- Maria Marples: Consultant Medical Oncologist (SMMDT)
- Prof Alan Melcher: Consultant Clinical Oncologist (SMMDT)
- Will Merchant: Consultant Dermatopathologist
- Angana Mitra: Consultant Dermatologist (SMMDT)
- Radhika Ramnath: Consultant Dermatopathologist (SSMDT)
- Fiona Roberts: Consultant Clinical Oncologist (SSMDT)
- Rebecca Rose: Consultant Dermatologist Supranetwork Skin Lymphoma MDT

Extended Members

- Bernie Chang: Consultant Occuloplastic Surgeon
- Gillon Fabbroni: Consultant Maxillofacial Surgeon

Norwich

Norfolk & Norwich Skin Tumour Unit - Norfolk & Norwich University Hospital Mohs' & Skin Cancer Team

The post is based at Norfolk & Norwich University Hospital NHS Foundation Trust.

The Norfolk & Norwich Skin Tumour Unit serves a population of just over 1.5M patients and also receives tertiary & quaternary referrals from across the whole of the East of England. We currently treat 3000 BCCs, 450 SCCs and 250 melanomas per annum. The N&N Skin Tumour Unit provides advanced diagnostic, surgical and oncological services and is able to provide exposure, experience and training (where applicable) to the successful candidate in the following practices:

- Mohs' Surgery
- Sentinel Lymph Node Biopsy
- Isolated Limb Infusion
- Microsurgical Reconstruction
- General & advanced skin cancer surgery & reconstruction
- Lymphoedema service dedicated to skin cancer patients
- Advanced diagnostic techniques including dermoscopy

Mohs' Micrographic Surgery

The Mohs' surgery service was established in 2008 and currently treats approximately 150 patients per annum. An innovation award-winning video-linking service runs between dermatology & pathology allowing assessment of all slides on-screen and in real-time and this will greatly enhance the experience of the fellow in Mohs' dermatopathology.

At NNUH, there is a close liaison between the departments of dermatology, pathology and plastic surgery, so that the patient receives senior input at all stages from diagnosis and planning to surgery and reconstruction. The vast majority of patients complete their treatment on the same day, even if complex reconstruction is required.

Sentinel Lymph Node Biopsy

NNUH offers a regional sentinel lymph node biopsy service for melanoma and Merkel cell carcinoma patients. We currently undertake 130 procedures per annum and dedicated operating lists allow trainees to gain extensive experience in a relatively short period of time. NNUH is one of two UK centres recruiting to the MSLT-II study whilst other prospective studies are in preparation.

Isolated Limb Infusion

NNUH offers a supra-regional service covering the East of England. We currently undertake approximately 10 cases per annum.

Microsurgical Reconstruction

At NNUH, approximately 25% of all major head & neck reconstructions are following skin cancer resection. Many of these cases require margin control using Mohs' micrographic surgery.

Diagnosis & Surgery

There will be plenty of opportunities for a successful candidate to increase their diagnostic skills in both general clinics and specialised combined clinics. Dermatology trainees, in particular, will benefit from the dedicated local anaesthetic lists with training in reconstruction of skin cancer resection defects. Surgical trainees will gain good experience and training in surgical oncology especially lymphadenectomy (including pelvic dissection) and metastectomy for oligometastatic stage IV disease.

Research

Skin Tumour Unit currently has a good portfolio of clinical research currently underway. In addition, the Skin Tumour Unit has an active tissue banking programme.

Departmental Staff

- Mr Marc Moncrieff: Consultant Plastic and Reconstructive Surgeon, MDT Surgical Lead and Deputy Chair

- Dr Jennifer Garioch: Consultant Dermatologist, Mohs' Surgeon, MDT Lead Clinician and Chair
- Dr Eunice Tan: Consultant Dermatologist & Mohs' Surgeon,
- Mr Martin Heaton: Consultant Plastic and Reconstructive Surgeon
- Dr Laszlo Igali: Consultant Pathologist
- Sister Carrie Wingfield: Consultant Nurse Specialist & Senior Nurse Coordinator
- Sister Sara Wilkinson: Clinical Nurse Specialist
- SN Kelly Almand: Melanoma Research Nurse

The above are nominated liaison consultants but it should be noted that all other consultant colleagues are prepared to contribute to the success of this fellowship

Management staff

- Fellowship Director: Mr Marc Moncrieff

Job Description

The job plan and training programme will be tailored to the needs of the successful applicant to give them the most appropriate training opportunities and will include theatre sessions and outpatient clinics.

- This 4 month fellowship provides hands on experience and exposure to the management of cutaneous malignancy, including Mohs' surgery. Following induction and initial training the Fellow will be encouraged to develop decision-making skills in a consultant supervised setting.
- The fellowship will include a research project, which it is intended will be presented at a national and/or international level.
- The Fellow will develop general patient management skills in a multidisciplinary environment including diagnosis & lesion assessment, cutaneous surgery, reconstructive surgery including microsurgery and the use of appropriate analgesic and anaesthetic techniques
- To Fellow may be requested, on occasion, to be available out of hours for any patients where they have had direct involvement in any procedure undertaken.
- The Fellow will participate in medical audit and continuing medical education.

Further Information and Visiting

Email contacts

If you have questions regarding the Norwich fellowship please feel free to contact us via the email addresses below.

marc.moncrieff@nnuh.nhs.uk / jennifer.garioch@nnuh.nhs.uk

A pre-interview visit can be arranged through Mr Moncrieff's secretary: 01603 288127 (jane.webster@nnuh.nhs.uk)

Timetable

The service works continuously throughout the week and there will be the opportunity for the successful candidate to develop a timetable which addresses their needs. Example below is a draft for a plastic surgery or dermatology trainee.

	MON	TUE	WED	THU	FRI
AM	Skin Cancer Specialist MDT. Combined Skin Cancer Clinic (Dr Garioch & Mr Moncrieff)	Theatre List (Mr Moncrieff)	Mohs' Surgery (Dr Garioch) Mohs' Pathology (Dr Igali & Dr Garioch)	Mohs' Surgery (Dr Tan)	Personal Study Audit/ Research
PM	Theatre List Mr Moncrieff (Weeks 2 & 4) Day Case List - (Plastic Surgery or Dermatology Weeks 1&3)	Theatre List (Mr Moncrieff)	Mohs' Reconstruction Theatre List (Mr Moncrieff)	Mohs' Pathology (Dr Igali) Study Session	Personal Study Audit/ Research

Arrangements for Leave

This is arranged by mutual agreement of the Fellow and Consultant colleagues and approval of the Fellowship Director in accordance with standard Trust/NHS regulations. It is essential that six weeks notice

is given to allow for proper planning and prevent cancellations of patients' appointments/surgery. This includes all forms of leave.

Study and Training

The applicant is expected to participate in professional continuing medical education
Teaching and Post-Graduate Education

The appointee will be expected to participate in teaching both undergraduate and postgraduate staff from all disciplines.