



Dental Scholarships and Awards Report Template

Please use typescript or CAPITAL LETTERS when filling out this form

SECTION 1 PERSONAL DETAILS

Title (please circle): Mr / Mrs / Ms / Miss PID: [REDACTED]
OtherDr

Surname: O'Neill

Forename(s): Francis

SECTION 2 PROJECT DETAILS

Scholarship(s) Awarded: JCMacDoughall Amount Awarded: £ _____

Project Name: Orofacial Pain shadowing programme Project Location: University of Kentucky

Project Aims and Objectives:

Aim:

To gain Experience in Leading Specialist Department of Orofacial Pain in USA.

Objectives:

To gain overview of -

1. Scope of orofacial pain service delivery in USA.
2. Infrastructure of specialist orofacial pain dept.
3. Financial considerations of a specialist orofacial pain department.
4. Education/training of orofacial pain specialists

Summary of Visit/Project (including pictures, methodology, results and conclusion if applicable):

See included report

Learning Outcomes (how aims and objectives were met):

Extremely valuable experience gained with bonus of 120 hours of accredited CPD.

Insight into all objectives met, summaries of each included in report.

Scope of orofacial pain service delivery in USA – This department provides expertise in diagnosis and initial management of wide range of conditions resulting in acute and chronic facial pain, encompassing conditions normally encountered by Neurology, neurosurgery, maxillofacial surgery, and psychology.

Provision of initial conservative, psychological, physiotherapeutic and medical treatments for TMJ, myofascial/musculoskeletal pain, primary headaches, neuropathic conditions.

Referral for surgical management of neoplasia, TMJ, neuropathic conditions. Referral to neurology of complex primary headaches unresponsive to initial therapy, or atypical presentations e.g. MS, strokes.

Referral to psychological/psychiatric services for management of complex psychopathologies including PTSD, substance misuse dependence (only possible because of screening). Referral to sleep medicine for further evaluation if necessary.

Financial considerations of a specialist orofacial pain department -

Due to long appointment times necessary for proper evaluation of chronic pain patients, clinical activity in this specialist area is not easily profitable but provision of services e.g. non-invasive appliances for sleep medicine help income stream in a private health care system. In NHS, savings could be derived from economy of scale. Additional income is also derived from educational/academic activities i.e. residency tuition fees \$14,500 each 4-6 per year, Mini residency courses \$1500 for one week with up to 50 international candidates each year, shadowing programme \$1000 per week with approx. 20 candidates per year. Share of tuition fees for psychology trainees 5-6 per year. Dental students do rotation through clinic as part of DDS education.

BUT we would not be making a case for a financially profitable service, rather one that was relatively cheaper than that already provided. All parties already see these patients at different consultations, mostly lengthy ones. Vast majority of these patients have multiple appointments with multiple health care providers already. Frustrations of inappropriate referrals, discontinuous records, unavailable investigations familiar to all. Argument for economy of scale. Single, thorough history and examination with appropriate investigations/special tests. Several clinics simultaneously with patients directed on basis of pain questionnaire. SHO's/ SpR to do thorough examination with proforma. Consultants to confirm diagnosis and treatment plans. Could see 2-3 times number of patients but still maintain adequate length of time slots.

Education/training

Robust experiential, continuous assessment, and exam tested training. Wide range of educational seminars, presentations and workshops. Experience of teaching undergraduates also (splints, pain history and exam). Psychology students each do one year rotation and graduate students may do 2-3 years if MSc/PhD. Short course training offered to wider national and international dental practitioners which increases knowledge base in the general practice community.

Evaluation (including description of the impact of the project/award on your clinical and/or NHS practice):

This programme was both personally and professionally rewarding.

The organisation of the orofacial pain department studied is the result of over 30 years endeavour. The experience of this department has demonstrated directly translatable processes/practices which the present NHS service provision in my region could immediately adopt to improve patient care. It has also provided insight into potential strategies for reorganisation, rationalisation and augmentation of service provision to enhance patient flow and for delivery of education. It provides an excellent comparator model with which to conduct a SWOT analysis of our present NHS service and will hopefully drive improvement of future services for the betterment of both patients and clinicians.

Breakdown of Expenditures:

[REDACTED]

[REDACTED]

[REDACTED]



Please e-mail the completed report and supporting information to:

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