



The Royal College of Radiologists
RCR-Cyclotron Trust Visiting Fellowships 2016/17 (Clinical Oncology)

POST-VISIT REPORT

PLEASE NOTE: This report must be completed and emailed to the RCR within 2 months of the end of your visit.

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| 1. Name of Visiting Fellow | Aqilah Othman | |
| 2. Name of joint Visiting Fellow (if applicable) | - | |
| 3. Institution(s) of Visiting Fellow(s) | Beatson West of Scotland Cancer Centre, Glasgow UK | |
| 4. Name of Host(s) | Dr Maria Rosaria Fiore | |
| 5. Institution(s) of host(s) | Centro Nazionale di Androterapia Oncologica (CNAO), Pavia, Italy | |
| 6. Expenses claimed | £ 1412.28 | |
| 7. Visit Dates (ACTUAL) | a. Start Date 10/04/2017 | b. End Date 21/04/2017 |
| 8. 2nd visit dates (if applicable) | a. Start date | b. End Date |
| 9. Aims of the visit | | |
| <ul style="list-style-type: none">• Improve understanding of the indication and clinical benefits of proton and carbon ion therapy• Gain insight into the logistics of patient selection, treatment planning, target delineation, patient setup, treatment delivery and verification• Compare practicalities and treatment outcomes with proton and carbon ion therapy as opposed to conventional treatment• Gain experience in a different oncology healthcare system | | |
| 10. Activities undertaken | | |
| <ul style="list-style-type: none">• Attended bi-weekly tumour board meetings discussing new case referrals and patients undergoing treatment• Observed new patient consultations and reviews of patients on treatment• Observed CT simulator sessions, patient set up and immobilisation, treatment delivery and verification of various tumour sites including ocular melanoma, chordoma, sarcoma, CNS, head and neck and prostate• Observed potential issues/limitations of the eye tracking system in treatment of ocular melanoma and strategies to overcome this• Observed target volume and organs at risk delineation, treatment planning by clinicians, dosimetrists and physicists; and plan reviews• Gained insight in dose prescription and fractionation for proton and carbon ion treatments, recognising the differences and the principles behind them | | |

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| 11. Benefits of the visit (short term) | |
| <ul style="list-style-type: none"> • Developed understanding of the principles of operation of a synchrotron in producing proton and carbon ion for the treatment of various tumour sites • Increased awareness of the clinical indications, benefits and limitations of proton and carbon ion therapy • Gained insight into the evolving role of proton and carbon ion therapies in various tumour sites • Improved knowledge of treatment options for ophthalmic tumours | |
| 12a Envisaged benefits of the visit longer term (your own practice) | |
| <ul style="list-style-type: none"> • Ability to identify and rationalise appropriate particle therapy referrals • Anticipate future care needs of patients who had undergone proton or carbon ion therapy • Facilitate informed discussion of potential treatment options with patients • Experience in a different oncological healthcare system enables reflection on similarities and variations in practice prompting workplace improvement ideas | |
| 12b. Envisaged benefits to the wider group (dissemination to others in your centre/clinical oncology community/multiprofessional team) | |
| <ul style="list-style-type: none"> • Establishment of contact with colleagues at CNAO for potential future clinical or academic collaboration • Enablement of informed discussion of cases being considered for particle therapy at MDTs and between colleagues within the department • Facilitate referrals to proton centres • Presentation of learning outcomes from visit at departmental teaching sessions | |
| 13. Please outline any problems you encountered before, during or after your visit | |
| None | |
| 14. Any additional comments | |
| CNAO staff were very helpful and accommodating in translating conversations during patient consultations and meetings into English. | |
| 15. Do you have any 'top tips' that you would like to share with prospective visiting fellows? | |
| Fluency in Italian would be beneficial. | |
| Signed: | <i>Aqilah Othman</i> Date: 29/04/2017 |
| Report approved by: | Clinical Oncology Professional Support and Standards Board |
| Date | 11.05.17 |

Please return this form to Miss Diana Upite, Professional Standards Administrator at:
diana_upite@rcr.ac.uk