

The Royal College of Radiologists
RCR-Cyclotron Trust Visiting Fellowships 2018/19 (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.

1. Name of Visiting Fellow	Dr. Anila Patibandla	
2. Name of joint Visiting Fellow (if applicable)		
3. Institution(s) of Visiting Fellow(s)	Beatson West of Scotland Cancer centre	
4. Name of Host(s)	Dr. Emma D'Ippoliot (clinical), Cristina Bono (administrative)	
5. Institution(s) of host(s)	Centro Nazionale di Adroterapia Oncologica (CNAO), Pavia, Italy	
6. Expenses claimed	£1,049	
7. Visit Dates (ACTUAL)	a. Start Date 02.05.2019	b. End Date 10.05.2019
8. 2nd visit dates (if applicable)	a. Start date	b. End Date
9. Aims of the visit		
<ol style="list-style-type: none"> 1. To understand and appreciate Proton (PBT) and Carbon ion therapy (CIRT) in practical terms. 2. Experience the entire patient pathway from referral for opinion, patient selection, treatment planning, delivery and finally patient follow-up. 3. Compare practicalities and treatment outcomes with Proton and Carbon ion therapy as opposed to conventional treatment. 4. Understand and appreciate patient selection criteria for Particle beam therapy particularly any potential cancer types with radiobiological properties that could benefit from PBT Vs CIRT. 		
10. Activities undertaken		
<ol style="list-style-type: none"> 1. New patient consultations 2. MDT discussion 3. CT/MRI Simulation 4. Radiotherapy voluming and planning – discussion with planners and clinicians 5. Observe on set treatment- Positioning , treatment of patients and online verification 6. Toxicity assessment and dealing with side effects 7. Follow up clinic 8. Proton therapy for intraocular melanoma - observation of treatment planning and delivery 		

11. Benefits of the visit (short term)	
<ol style="list-style-type: none"> 1. Increased understanding of PBT and CIRT in terms of indications, evidence base and limitations. 2. Gained knowledge in physics of particle therapy. 3. Increased understanding of relative benefits of Photons, PBT and CIRT. 4. Understand role of PBT and CIRT in re-irradiation cases. 	
12a Envisaged benefits of the visit longer term (your own practice)	
<ol style="list-style-type: none"> 1. Ability to identify and rationalise appropriate particle therapy referrals. 2. Anticipate future care needs of patients who had undergone Proton or Carbon ion therapy. 3. Facilitate informed discussion of potential treatment options with patients. 	
12b. Envisaged benefits to the wider group (dissemination to others in your centre/clinical oncology community/multiprofessional team)	
<ol style="list-style-type: none"> 1. Establishment of contact with colleagues at CNAO for potential future clinical and academic collaboration. 2. Facilitate referrals to Proton centres. 3. Enablement of informed discussion of cases being considered for particle therapy at MDTs and between colleagues with in the department. 4. Presentation of learning outcomes from visit at departmental teaching session. 	
13. Please outline any problems you encountered before, during or after your visit	
N/A	
14. Any additional comments	
<p>CNAO staff were very welcoming!</p> <p>My mentor took every opportunity to teach me about PBT & CIRT.</p>	
15. Do you have any 'top tips' that you would like to share with prospective visiting fellows?	
Pavia is a lovely city to visit. Milan is 30min away.	
Signed:	Anila Patibandla Date: 02/07/19
Report approved by:	Clinical Oncology Professional Support and Standards Board (CO PSSB)
Date	05 September 2019

Please return this form to Mrs Emma Burgum, Professional Support and Standards Administrator at: emma_burgum@rcr.ac.uk