

Science and Technology in Medicine



Research Project Proforma (School of Medicine)

Research Title:	Gastro-intestinal Problems in Children with Cystic Fibrosis
Keywords (up to 5)	Paediatrics, Cystic fibrosis
Supervisor: Job Title: Department: Email Address: Telephone: Webpage link:	Dr Francis J Gilchrist Senior Lecturer and Consultant in Paediatric Respiratory Medicine Academic Department of Child Health Royal Stoke University Hospital Stoke on Trent
Type of projects offered (delete as appropriate)	MPhil Intercalation (1 year)

(1) Outline the broad aims of your research and its medical relevance (150 words):

Abdominal symptoms are very common in children with cystic fibrosis (CF). Recurrent abdominal pain and severe constipation are frequent causes of distress yet we have little information how such symptoms are managed by colleagues working in other CF centres within the UK.

The aims of this proposal are

- 1) Develop a questionnaire to determine the incidence and management of abdominal pain, constipation and DIOS in children with CF

- 2) Send the questionnaire to all UK Paediatric CF Centres
- 3) Correlate the findings to inform whether new national guidelines are required
- 4) Develop local guidelines on the management of the above disorders in children with CF to improve their understanding of the problems and improve their health and wellbeing.

(2) Indicate the skills/techniques the student will learn (100 words)

The student will learn basic research skills. This will include performing a literature search, undertaking the project, analysing the results and writing up. As well producing a MPhil thesis it is hoped that the work will be presented at an national / international meeting and produce at least one peer-reviewed paper.

Please submit this form electronically to Prof Divya Maitreyi Chari on d.chari@keele.ac.uk by 31 July 2015