BSc in Reproductive & Developmental Sciences &

BSc in Surgery and Anaesthesia Project Outline 2012-2013

**Project Title: Does patient satisfaction improve with the use of simulated models in orthopaedic clinics?**

**Academic Supervisor: Mr Chinmay Gupte**

**Co-supervisor:**

**Who will be responsible for day-to-day supervision? Mr Simon Newman & Dr Kapil Sugand**

**Which of the following sites will the student be based for the research:**

(Double click the appropriate check box below)

**St Mary’s [x]  Charing Cross [x]  Chelsea & Westminster [ ]  South Kensington [ ]**

**Hammersmith [ ]  other (give details)**

**Contact Details of Person whom Medical Student should contact for further details:**

**Name: Dr Kapil Sugand Email: ks704@ic.ac.uk Tel: 07773642813**

**Is this a clinical [x]  or laboratory [ ]  project?**

(Double click the appropriate check box to indicate your choices)

**Suitable project for: Reproductive and Development**  **Sciences** Yes **[ ]** No **[x]**

**Surgery and Anaesthesia** Yes **[x]** No **[ ]**

**Synopsis of project (background/research question/methods to be used/relevant key references):**

**What is the purpose of the study?**

Patient consenting for elective procedures are done in orthopaedic outpatient clinics with the consultant or registrars. The consent form acts as a legal document and it is important that it is done well. Correct consenting relies on the communication skills of the surgeon to educate the patient about relevant indications, contraindications and potential complications as well as their rates.

There has not been a randomised control trial (RCT) yet to demonstrate whether visual aids using simulated models improve the understanding and satisfaction of patients consenting for elective orthopaedic operations. The RCT will abide by CONSORT guidelines and equate to a high level of evidence (Level 1 or A) for publication in a PubMed journal.

**What do I have to do if I take part?**

1. **Weeks 1-8**: Data collection will involve handing out and collecting pre-designed patient questionnaires at outpatient clinics. We will randomly select at least 20 patients for 2 cohorts. Cohort A will be exposed to simulated musculoskeletal models when being consented in clinic for an elective procedure. Cohort B will be the control group and will not be exposed to simulated models.
2. **Weeks 9**: Analyse and compare the data from both cohorts
3. **Weeks 10-12**: Write up and preparation and practise oral presentation

You will be fully supported throughout the study with multiple supervisors. The departmental staff is friendly and approachable. We also have a high turnover of conference presentations and journal publications.

**What are the possible benefits to taking part?**

The outcomes of this project will be very useful to detect key issues related to both subjective and objective metrics for the assessment of visual aids at consultation. You will have the opportunity of demonstrating an effective method of improving patient satisfaction which will influence current guidelines.

**What will happen to the results of the research study?**

We will analyse results together and present our findings at departmental meetings, international conferences and publish in a peer-reviewed journal, as well as include some of the content in a MPhil thesis.

Will the research involve work done under the Animals (Scientific Procedures) 1986 Act? Yes **[ ]** No **[x]**

**If YES*,***

Will the student be required to undergo Home Office training? Yes **[ ]** No **[ ]**

Are the appropriate project and personal licences in place? Yes **[ ]** No **[ ]**

**Project licence**:

Licensee

Date of issue

Number

**Personal licence**:

Licensee

Number

**Will the research involve the use of genetically modified tissue?** Yes **[ ]** No **[x]**

**If YES**

Has the work been approved by the relevant GM Committee Yes **[ ]** No **[ ]**

Date approval was granted

Reference Number

**Will the project involve work on human subjects, human tissue or access to confidential patient information?** Yes **[x]** No **[ ]**

## If YES

## has ethical approval been obtained Yes [ ]  No [x]

## Date approval was granted Pending (obtained by time of study)

##

## IC REC or IRAS REC number Pending (obtained by time of study)

**Note: Approval for any of the above MUST be in place before the student begins the project.**

**A risk assessment form will be required.**

**Project Payment**: I have an F account Yes **[x]** No **[ ]**

## If you have an F account please give full account code: F36739