BSc in Reproductive & Developmental Sciences &

BSc in Surgery and Anaesthesia Project Outline 2012-2013

**Project Title:** Literature review of patient safety risks in the community setting

**Academic Supervisor:** Professor Charles Vincent

**Co-supervisor:** Miss Anam Parand

**Who will be responsible for day-to-day supervision?** Miss Anam Parand

**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 [ ]  Chelsea & Westminster [ ]  South Kensington [ ]**

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

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

**Name:** Anam Parand  **Email:** a.parand@imperial.ac.uk **Tel:**020 79549726

**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 **[x]** No **[ ]**

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

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

**Background:** Hospitals are designed and equipped to protect the safety of their patients, with patient safety related protocols and targets regularly monitored. After discharge however, patients, often recovering from surgery or managing ill-health, return to an environment that is ill-equipped for their continued safe care – their home. To better understand the safety issues that may potentially affect those requiring care within the home, a review of the existing literature is required.

**Aim:** To systematic review literature on safety risks in the home

**Design:** A systematic literature review searching three databases (MEDLINE, PSYCHINFO, EMBASE) for empirical articles. This will involve identification of key words and MeSH terms and multiple iterations/combinations of all search terms to achieve the best return of papers (i.e. best balance of specificity and sensitivity). This will be followed by development of inclusion criteria to ascertain whether the articles are relevant to the aim (e.g. setting = home). Cross-referencing of the included articles and hand searching of the grey literature (non-published/non-empirical studies) can also be sought. Data will be extracted from the included articles in a standardised format, and quality of the studies assessed on basic criteria (e.g. sample size). Finally, this information will be synthesised and written-up with description of methods used and detailed summary of findings.

**References:**

Gershon R., Dailey M., Magda L. et al (2012) Safety in the Home Healthcare Sector: Development of a New Household Safety Checklist, Journal of Patient Safety. 8(2):51-59

Henriksen K., Joseph A., Zayas-Cabán T. (2009). "The Human Factors of Home Health Care: A Conceptual Model for Examining Safety and Quality Concerns." Journal of patient safety **5**(4): 229-236.

[Ellenbecker C.H](http://www.ncbi.nlm.nih.gov/pubmed?term=Ellenbecker%20CH%5BAuthor%5D&cauthor=true&cauthor_uid=21328733)., [Samia L](http://www.ncbi.nlm.nih.gov/pubmed?term=Samia%20L%5BAuthor%5D&cauthor=true&cauthor_uid=21328733)., [Cushman M.J](http://www.ncbi.nlm.nih.gov/pubmed?term=Cushman%20MJ%5BAuthor%5D&cauthor=true&cauthor_uid=21328733)., [Alster K](http://www.ncbi.nlm.nih.gov/pubmed?term=Alster%20K%5BAuthor%5D&cauthor=true&cauthor_uid=21328733). Patient Safety and Quality in Home Health Care In Hughes R.G.(2008) [Patient Safety and Quality: An Evidence-Based Handbook for Nurses](http://www.ahrq.gov/QUAL/nurseshdbk/), Rockville (MD): Agency for Healthcare Research and Quality.

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 **[ ]** No **[x]**

## If YES

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

## Date approval was granted

## IC REC or IRAS REC number

**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 **[ ]** No **[x]**

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