Project Title: Optimum information required for management of trauma victims

Academic Supervisor:	**Professor George B Hanna**
Division:	**Surgery and Cancer**
Section:	**Biosurgery & Surgical Technology**

Co-supervisor: **Mr Morkos Fakhry Gamil, Miss Nicola Batrick**

**Who will be responsible for day-to-day supervision?
Miss Nicola Batrick, Mr Morkos Fakhry Gamil**

Contact Details of Person whom Medical Student should contact for further details:
Name: **Mr Morkos Fakhry Gamil**
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Group's Research Interest: Trauma management, Health informatics, surgical technology, Bio-informatics

(Double click the appropriate check box to indicate your choices below)
Is this a clinical ☒ or laboratory ☐ project?

Suitable project for:	**Reproductive and Development Sciences**	Yes ☐ No ☒
	Surgery and Anaesthesia	Yes ☒ No ☐

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

Currently, in a trauma call scenario, only very limited pre hospital data is provided by the Ambulance Service to the receiving hospital to activate the trauma team response prior to patient arrival. Physiological variables are a "snap shot", as usually one set of values for vital signs is provided. The trauma team members wait during the patient transfer without any further information about changes in the patient's clinical condition, therefore minimizing the chances of anticipating any suspected injuries or contacting any additional relevant senior staff or departments.

On arrival, information is then relayed to the Trauma Team verbally by the Paramedic allowing for error in translation, especially when the patient is unstable and immediate clinical intervention is required by the team rather than focusing on listening to the verbal transfer of information.

The aim of this project is to objectively quantify the information available on patient arrival in the current practice, including errors and any subsequent delays or suboptimal management. It will also explore the best possible information required to optimise patient management. The project will include assessment of a newly developed pre-hospital information channel developed at Imperial College London for management of trauma victims.

The project will involve collecting and analysing data at 4 major trauma centres in London as well as interviews with trauma teams and demonstrating the newly developed system.

Will the research involve work done under the Animals (Scientific Procedures) 1986 Act? Yes ☐ No ☒

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 ☒

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 ☒
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 ☐

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