



Edinburgh University Student SSC/Project Report

Supervisor and position	Mr Edward Dunstan
Contact details of your supervisor	Edward.dunstan@faht.scot.nhs.uk
Hospital/unit/clinic	Dunfermline Queen Margaret / Victoria Hospital Kirkcaldy
Topic (rough topic area, e.g. Orthopaedics)	Orthopaedics
Title of Project	Predictors of total hip arthroplasty dislocation
Authors	G. Macpherson, MJ. Rewhorn, E. Dunstan
Please give an overview of what your research was on(200 words max)	Dislocation is a well recognised complication of total hip arthroplasty. My project is a prospective study with an aim to identify pre-operative and intra-operative factors that determine which patients are at a higher risk of post operative dislocation. Factors included age, sex, BMI, surgeon, surgical approach, volume and head size of the implanted prosthesis.
What were the best things about the project? (150 words max]	Being able to further my knowledge in a specialty I enjoy and working with enthusiastic surgeons keen to teach enabled me to galvanise my ambition for orthopaedic surgery. This project has also provided a stepping stone for further papers. There was support on hand when required and therefore the project progressed without any major problems.
What problems did you encounter? (150 words max)	The inability to locate old radiographs, that would have provided valuable information on post operative prosthesis positioning, was a significant problem. This was due to electronic radiographs being introduced in 2003 and many of the older radiographs being destroyed.
Techniques used in the project (in brief. Only	

really relevant if lab project, e.g. Western blotting, PCR, audit...)	
Give details of any Surgical Experience you have gained	
Details of any presentations or publications to arise from this project	Presentations (including posters)
	Publications (including Abstracts) Abstract submitted to the 'Journal of Bone and Joint Surgery' Feb 09
Your name:	Matthew Rewhorn
Contact email: (optional)	S0565780@sms.ed.ac.uk

Thank you for taking the time to fill the above form in. Please feel free to leave boxes blank if you want. The report will be uploaded onto the website in pdf form. Also, please feel free to submit more than one report!

James Blackmur
ESSS Publicity Secretary
On behalf of the ESSS Committee

Bernard Robertson
ESSS Vice President

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