

ORAL PRESENTATION

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# Is cardiac surgery training really hazardous?

M El Saegh<sup>1\*</sup>, H El Saegh<sup>2</sup>, T Theologou<sup>1</sup>, P Yiu<sup>3</sup>

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## Background

Most of the times patients, and sometimes surgeons (even trainees) may feel that cardiac surgery training isn't very safe, and may affect the outcome.

## Methods

1 year retrospective post-operative analysis of 520 patients who underwent isolated CABG surgery based on morbidity and mortality. The patients were divided into: patients operated by consultants (C), 444 patients and patients operated upon by registrars under supervision (F); 76 patients.

## Results

Our results showed highly significant difference in the registrars group compared to consultants for cumulative cardiopulmonary bypass time, and aortic cross clamp time;  $p < 0.01$ . While there was significant difference concerning post operative chest infection,  $p < 0.05$  in the registrars group. There was no statistically significant difference in logistic euro score, in-hospital mortality, incidence of post operative infection, post operative renal impairment, post operative arrhythmias, ICU readmission, post operative stay, reopening or the need for inotropes.

## Conclusion

Cardiac surgery training isn't really a compromise on outcome of patients undergoing CABG.

### Authors' details

<sup>1</sup>Department of Cardiothoracic Surgery, The James Cook University Hospital, Middlesbrough, UK. <sup>2</sup>Department of Cardiology, The National Heart Institute, Imbab, Giza. <sup>3</sup>Department of Cardiothoracic Surgery, New Cross Hospital, Wolverhampton, UK.

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\* Correspondence: m.elsaegh@nhs.net

<sup>1</sup>Department of Cardiothoracic Surgery, The James Cook University Hospital, Middlesbrough, UK

Full list of author information is available at the end of the article

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