

ORAL PRESENTATION

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Is cardiac surgery training really hazardous?

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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.

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