

ORAL PRESENTATION

Open Access

# Does ethnicity have an impact on outcome of CABG?

M El Saegh<sup>1\*</sup>, A Saleh<sup>2</sup>, H El Saegh<sup>3</sup>, P Yiu<sup>4</sup>

From 23rd World Congress of the World Society of Cardio-Thoracic Surgeons  
Split, Croatia. 12-15 September 2013

## Background

Assessment of the impact of gender on long term outcome of CABG.

## 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: Caucasians(C); 444 patients and Asians (A); 76 patients.

## Results

Our results showed high significant difference in the Asian group compared to Caucasians for pre-discharge creatinine;  $p < 0.05$ . There was significant difference concerning post operative arrhythmias "incidence of AF",  $p < 0.05$  in the Caucasians group.

The statistical analysis was insignificant in terms of additive and logistic EuroSCORE, hospital mortality, incidence of post operative infection, post operative renal impairment, ITU readmission, post operative stay, reopening or the need for inotropes.

## Conclusion

Asians are more susceptible to impaired renal functions post operatively; on the other hand Caucasians are more susceptible to post operative arrhythmias so care should be taken to address these complications in each group.

## Authors' details

<sup>1</sup>Department of Cardiothoracic Surgery, The James Cook University Hospital, Middlesbrough, UK. <sup>2</sup>Department of Cardiology, Teaching Hospital of University Wurzburg, Germany. <sup>3</sup>Department of Cardiology, The National Heart Institute, Imbab, Giza, Egypt. <sup>4</sup>Department of Cardiothoracic Surgery, New Cross Hospital, Wolverhampton, UK.

\* 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

Published: 11 September 2013

doi:10.1186/1749-8090-8-S1-O95

Cite this article as: El Saegh *et al.*: Does ethnicity have an impact on outcome of CABG? *Journal of Cardiothoracic Surgery* 2013 **8**(Suppl 1):O95.

Submit your next manuscript to BioMed Central  
and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at  
[www.biomedcentral.com/submit](http://www.biomedcentral.com/submit)

