

POSTER PRESENTATION

Open Access

# Coronary artery bypass surgery in patients with low ejection fraction: short and mid term outcomes according to the associated risk factors

M Akyuz<sup>1</sup>, B Lafci<sup>1</sup>, U Yetkin<sup>1\*</sup>, M Bademci<sup>1</sup>, B Ozpak<sup>2</sup>, I Akyildiz<sup>3</sup>, B Ozcem<sup>1</sup>, A Gurbuz<sup>1</sup>

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

## Background

Left ventricular dysfunction increases the rate of mortality and morbidity after coronary artery bypass grafting (CABG).

## Methods

Thirty seven consecutive patients with low ejection fraction (EF) who underwent CABG in our department were analysed retrospectively (8 women and 29 men, mean age 62,32 ± 10,86 years, range 40 to 78 years). Eight patients underwent off-pump bypass.

## Results

Twenty-two patients were diabetic (%59.5), 24 patients had hypertension (64.9%), 14 patients had hyperlipidemia (%37.8), 27 patients had a history of smoking (%73), two patients had chronic obstructive pulmonary disease (%5.4), six patients had peripheral artery disease (%16.2), one patient had a history of cerebrovascular accident (%2.7), one patient had a history of intracardiac defibrillator implantation (%2.7), three patients had percutaneous coronary intervention (%8.1).

## Conclusion

Risk factors should be evaluated for the short and mid-term outcomes of patients with low EF undergoing CABG.

## Authors' details

<sup>1</sup>Izmir Katip Celebi University Ataturk Training and Research Hospital, Department of Cardiovascular Surgery, Izmir, Turkey. <sup>2</sup>Tekirdag State Hospital Dept. of Cardiovascular Surgery, Tekirdag, Turkey. <sup>3</sup>Izmir Katip Celebi

\* Correspondence: ufuk\_yetkin@yahoo.fr

<sup>1</sup>Izmir Katip Celebi University Ataturk Training and Research Hospital, Department of Cardiovascular Surgery, Izmir, Turkey  
Full list of author information is available at the end of the article

University Ataturk Training and Research Hospital, Department of Cardiology, Izmir, Turkey.

Published: 11 September 2013

doi:10.1186/1749-8090-8-S1-P99

**Cite this article as:** Akyuz et al.: Coronary artery bypass surgery in patients with low ejection fraction: short and mid term outcomes according to the associated risk factors. *Journal of Cardiothoracic Surgery* 2013 **8**(Suppl 1):P99.

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)

