

4th International Conference on **Anesthesia**
&
8th Edition of International Conference and Exhibition on
Surgery and Transplantation

July 01-02, 2019 Valencia, Spain

Quality life for three months after Endo-CABG: An observational prospective cohort study

E Claes, J Dubois, J Vandenbrande, A Yilmaz, M Vantornout, J P Ory and B Stessel
Jessa Hospital Hasselt, Belgium

Introduction: Endo-CABG is a minimally invasive technique, which avoids a median sternotomy by combining a thoracoscopic technique via three thoracic ports and a mini-thoracotomy utility port through the intercostal space. Therefore, it has the theoretical advantage of a swift recovery after surgery. The aim of this study is to assess the quality life for three months after Endo-CABG.

Methods: Quality lives were assessed at baseline and at three month follow up with the EQ-5D questionnaire and the EQ Visual Analog Scale (EQ VAS). Sixty patients undergoing an Endo-CABG were compared with 60 patients undergoing a percutaneous coronary intervention (PCI) as well as with a control group of 60 healthy volunteers. EQ-5D index was analyzed using the Mann-Whitney U test. EQ VAS score was analyzed using repeated measures ANOVA.

Results: Respectively, 46 patients in the Endo-CABG group of 44 patients in the PCI group and 48 healthy controls out of the 60 patients enrolled in each group were analysed. The EQ-5D index was significantly different between groups at baseline ($H(2)=10.18$, $p=0.006$), but after three months follow-up, no difference was observed between groups ($H(2)=1.809$, $p=0.405$). Although, the EQ VAS score was at baseline it was the highest in the control group (p -time group= 0.036) compared to the PCI and Endo-CABG-group, after three months, no significant difference was observed between groups.

Conclusion: We conclude that quality life for three months after Endo-CABG is good and is comparable with the quality life after PCI and even that of healthy controls, therefore this technique can contribute to a swift recovery.

Biography

Eveline Claes has completed her MD in Anesthesiology from the Catholic University of Leuven in 2017. She is currently a fellow at Intensive Care in the Jessa Hospital.

evelineclaes@live.be

Notes: