

学位論文審査結果の要旨

所 属	三重大学大学院医学系研究科 甲 生命医科学専攻臨床医学系講座 胸部心臓血管外科学分野	氏 名	伊 藤 久 人
審 査 委 員	主 査 伊 藤 正 明 副 査 宮 部 雅 幸 副 査 伊 佐 地 秀 司		
<p>(学位論文審査結果の要旨)</p> <p>Emergency Off-Pump Coronary Artery Bypass Graft Surgery for Patients on Preoperative Intraaortic Balloon Pump.</p> <p>【主論文審査結果の要旨】</p> <p>著者らは論文において下記の内容を述べている。</p> <p>Background.</p> <p>The aim of this study is to investigate early and long term outcomes of the patients with acute coronary syndrome preoperatively requiring intraaortic balloon pump (IABP) support who underwent emergency off-pump coronary artery bypass grafting (OPCABG).</p> <p>Methods.</p> <p>One hundred and fifteen patients on preoperative IABP receiving emergency OPCABG over 11 year-period were evaluated. The median age was 71 years (range, 33-87). Acute myocardial infarction and unstable angina were present in 54 (47.0%) and 61 (53.0%) patients, respectively.</p> <p>Results.</p> <p>There were 3 perioperative deaths. The late survival, freedom from major adverse cardiac and cerebrovascular events (MACCE), and freedom from repeat revascularization at 5 years were 83.3%, 73.5%, and 84.2%, respectively. The multivariate predictors of total mortality were preoperative renal impairment (HR, 7.90; 95%CI, 3.06-20.4) and low ejection fraction (HR, 0.94; 95%CI, 0.88-0.99). The risk factors for MACCE were preoperative renal impairment (HR, 2.68; 95%CI, 1.00-7.19) and peripheral vascular disease (HR, 2.81; 95%CI, 1.05-7.51), and complete revascularization was protective (HR, 0.39; 95%CI, 0.19-0.81). The risk factor of repeat revascularization was previous percutaneous</p>			

coronary intervention (HR, 3.26; 95%CI, 1.14-9.33), and complete surgical revascularization was also protective (HR, 0.30; 95%CI, 0.11-0.85).

Conclusions.

OPCABG is a feasible option for patients requiring IABP.

術前に IABP サポートを要した急性冠症候群患者に対する緊急人工心肺非使用冠動脈バイパス手術の早期、遠隔成績を多変量解析による予後予測因子と共に示した論文であり、学術上極めて有益であり、学位論文として価値あるものと認めた。

掲載雑誌名

Annals of Thoracic Surgery 2016;102:821-828

著者名

Hisato Ito, Toru Mizumoto, Hironori Tempaku, Kazuya Fujinaga, Yasuhiro Sawada, Satoshi Teranishi, Hideto Shimpo