

## 文献レビュー（成人心臓 担当 高橋伸二）引用文献

### （術前評価）

1. How does EuroSCORE II perform in UK cardiac surgery; an analysis of 23,740 patients from the Society for Cardiothoracic Surgery in Great Britain and Ireland National Database. *Heart* 2012 Aug 21. PMID: 22914533
2. Prognostic implications of preoperative E/e' ratio in patients with off-pump coronary artery surgery. *Anesthesiology* 2012; 116:362-71. PMID: 22222471.
3. Time course and prognostic implications of QT interval in patients with coronary artery disease undergoing coronary bypass surgery. *J Cardiovasc Electrophysiol* 2012; 23: 645-9. PMID: 22486896.
4. What is the best pre-operative risk stratification tool for major adverse cardiac events following elective vascular surgery? A prospective observational cohort study evaluating pre-operative myocardial ischaemia monitoring and biomarker analysis. *Anaesthesia* 2012; 67: 389-95. PMID: 22324824.
5. The influence of clinical risk factors on pre-operative B-type natriuretic peptide risk stratification of vascular surgical patients. *Anaesthesia* 2012; 67: 55-59. PMID: 22059440.
6. The prognostic value of B-type natriuretic peptide after cardiac surgery: a comparative study between coronary artery bypass graft surgery and aortic valve replacement. *J Cardiothorac Vasc Anesth.* 2012; 26: 624-30. PMID: 21959086.
7. N-terminal pro-brain natriuretic peptide identifies patients at risk for occurrence of postoperative atrial fibrillation in cardiac surgery with cardiopulmonary bypass. *Ann Card Anaesth* 2012; 15: 199-205. PMID: 22772514.
8. The role of procalcitonin and N-terminal pro-B-type natriuretic peptide in predicting outcome after cardiac surgery. *Perfusion* 2012. PMID: 22802005.
9. Does Intraoperative Ketamine Attenuate Inflammatory Reactivity Following Surgery? A Systematic Review and Meta-Analysis. *Anesth Analg.* 2012 Jul 23. PMID: 22826531.

### （麻酔薬）

10. The influence of propofol or desflurane on postoperative cognitive dysfunction in

patients undergoing coronary artery bypass surgery. *Anaesthesia*. 2011;66: 455-64. PMID: 21501129.

11. Comparison of the Effects of Sevoflurane, Isoflurane, and Desflurane on Microcirculation in Coronary Artery Bypass Graft Surgery. *J Cardiothorac vasc anesth* 2012, May. PMID: 22592139.
12. Desflurane-induced post-conditioning against myocardial infarction is mediated by calcium-activated potassium channels: role of the mitochondrial permeability transition pore. *British J Anaesth* 2012, 108: 594-601. PMID: 22315330.

(心房細動)

13. Meta-analysis of amiodarone versus beta-blocker as a prophylactic therapy against atrial fibrillation following cardiac surgery. *Intern Med J*. 2012 May 30. PMID: 22646992.
14. Feasibility of landiolol and bisoprolol for prevention of atrial fibrillation after coronary artery bypass grafting: A pilot study. *J Thorac Cardiovasc Surg* 2012. PMID: 22858430.
15. Landiolol, an ultra-short-acting  $\beta$  -blocker, more effectively terminates atrial fibrillation than diltiazem after open heart surgery: prospective, multicenter, randomized, open-label study (JL-KNIGHT study). *Circ J*. 2012; 76: 1097-101. PMID: 22361918.

(プレコンディショニング)

16. Remote ischemic preconditioning applied during isoflurane inhalation provides no benefit to the myocardium of patients undergoing on-pump coronary artery bypass graft surgery: lack of synergy or evidence of antagonism in cardioprotection? *Anesthesiology* 2012; 116: 296-310. PMID: 22222469.
17. Remote ischaemic preconditioning does not protect the heart in patients undergoing coronary artery bypass grafting. *Intact Cardiovasc thorac surg*; 2012; 15: 18-22. PMID: 22493101.

(呼吸・気道管理)

18. The effect of different lung-protective strategies in patients during cardiopulmonary bypass: a meta-analysis and semiquantitative review of randomized trials. *J Cardiothorac Vasc Anesth*. 2012; 26:448-54. PMID:

22459933.

19. Early tracheostomy is associated with improved outcomes in patients who require prolonged mechanical ventilation after cardiac surgery. *J Am Coll Surg*. 2012;214:1008-16. PMID: 22541987.

(止血)

20. Tranexamic Acid reduces blood loss after off-pump coronary surgery: a prospective, randomized, double-blind, placebo-controlled study. *Anesth Analg* 2012; 115: 239-43. PMID: 21737704.
21. A phase 2 prospective, randomized, double-blind trial comparing the effects of tranexamic acid with ecallantide on blood loss from high-risk cardiac surgery with cardiopulmonary bypass (CONSERV-2 Trial). *J Thorac Cardiovasc Surg* 2012;143:1022-9. PMID: 21724197.
22. Effect of tranexamic acid on transfusion requirement in dual antiplatelet-treated anemic patients undergoing off-pump coronary artery bypass graft surgery. *Circ J*. 2012; 76: 96-101. PMID: 22033349.
23. Tranexamic acid reduces blood transfusions in elderly patients undergoing combined aortic valve and coronary artery bypass graft surgery: a randomized controlled trial. *J Cardiothorac Vasc Anesth*. 2012; 26: 232-8. PMID: 21924636.
24. Local and systemic application of tranexamic acid in heart valve surgery: a prospective, randomized, double blind LOST study. *J Thromb Thrombolysis*. 2011; 32: 303-10. PMID: 21660523.
25. Risk factors associated with postoperative seizures in patients undergoing cardiac surgery who received tranexamic acid: a case-control study. *Ann Card Anaesth* 2012; 15: 6-12. PMID: 22234015.
26. Cost analysis of re-exploration for bleeding after coronary artery bypass graft surgery. *Br J Anaesth* 2012; 108: 216-22. PMID: 22113929.
27. Recombinant factor VIIa as last-resort treatment of desperate haemorrhage. *Acta Anaesthesiol Scand* 2012; 56: 636-44. PMID: 22489992.

(術後認知障害)

28. A review of postoperative cognitive dysfunction and neuroinflammation associated with cardiac surgery and anaesthesia. *Anaesthesia* 2012; 66:280-293. PMID: 22321085.

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( TAVR )

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