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**Name of Journal:** World Journal of Clinical Cases**Manuscript Type:** ORIGINAL ARTICLE*Clinical Trials Study*

**Etomidate versus propofol in coronary heart disease patients undergoing major noncardiac surgery: randomized clinical trial**

Dai ZL *et al.* Etomidate vs. propofol in CHD

Zhongliang Dai, Xingtao Cai, Wenli Gao, Miao Lin, Juan Lin, Yuanxu Jiang,  
Xin Jiang

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Feb 01, 2019 · This randomised trial investigated the comparative haemodynamic consequences of induction of **anaesthesia with etomidate or propofol, in patients undergoing cardiac surgery**. Both drugs produced hypotension, but this effect was substantially greater with **propofol**, and was sustained over time for at least 10 min after their administration.

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**Publish Year:** 2019

## [PDF] Coronary Heart Disease - Home | AHA/ASA Journals

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Background—Volatile anesthetics provide myocardial preconditioning in **coronary surgery patients**. We hypothesized that sevoflurane compared with **propofol** reduces the incidence of myocardial ischemia in **patients undergoing major noncardiac surgery**. Methods and Results—We enrolled 385 **patients** at cardiovascular risk in 3 centers. **Patients** were ...

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[https://bjanaesthesia.org/article/S0007-0912\(18\)30782-7/fulltext](https://bjanaesthesia.org/article/S0007-0912(18)30782-7/fulltext)

Nov 15, 2018 · **Patients undergoing cardiac surgery** were randomised to induction of **anaesthesia with propofol or etomidate**. Phase I ( n =75) was conducted as open-label, whereas Phase II ( n =75) was double blind. Mean arterial blood pressure (MAP) and boluses of vasopressor administered after induction were recorded.

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Author: J.A. Hannam, S.J. Mitchell, S.J. Mitchell, D. ...

Publish Year: 2019

## Effect of Etomidate Versus Combination of Propofol ...

<https://sites.kowsarpub.com/aapm/articles/17516.html>

**Patients and Methods:** In a double blind, randomized clinical trial a total of 120 adult patients of both

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**Coronary Heart Disease Randomized Comparison of Sevoflurane Versus Propofol to ... patients undergoing major noncardiac surgery**. The sevoflurane and **propofol** groups did not differ in postoperative ... The study protocol mandated anesthesia induction with **etomidate** in all **patients** and anesthesia maintenance with the allocated drug

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[https://bjanaesthesia.org/article/S0007-0912\(20\)30558-4/fulltext](https://bjanaesthesia.org/article/S0007-0912(20)30558-4/fulltext)

Aug 14, 2020 · **Patients** with symptomatic and asymptomatic **heart failure undergoing noncardiac surgery** may benefit from the haemodynamic profile of **etomidate**. However, the safety of **etomidate** in this population is unknown. We examined anaesthesiologist variation in **etomidate** use and assessed its safety using an instrumental variable approach to account for differences in treatment selection.

Author: Mabel Chung, Mabel Chung, Peter Sant...

Publish Year: 2020

### [Use of etomidate in patients with heart failure undergoing ...](#)

<https://www.sciencedirect.com/science/article/pii/S0007091220305584>

Aug 15, 2020 · Much of the hesitation in the use of **etomidate** stems from concerns over its impact on mortality. 2, 4, 5, 6, 10 In a retrospective study of ASA 3/4 **patients undergoing noncardiac surgery**, Komatsu and colleagues 10 propensity matched 2144 **patients** who received **etomidate** with 5222