

**Name of Journal:** *World Journal of Cardiology*

**Manuscript NO:** 52873

**Manuscript Type:** ORIGINAL ARTICLE

### *Retrospective Study*

**Risk score for predicting abdominal complications after coronary artery bypass grafting**

Belov DV *et al.* Abdominal complications after CABG

Dmitry Vladimirovich Belov, Dmitry Victorovich Garbuzenko, Ksenia Alekseevna Abramovskich, Nikolay Olegovich Arefyev

### **Abstract**

#### BACKGROUND

Although early abdominal complications after coronary artery bypass grafting (CABG) with cardiopulmonary bypass (CPB) are rare, the associated mortality remains high.

### Match Overview

Match Number	Source	Words	Similarity
1	Crossref	70 words "Software Product Quality Management Methodology & the Quantitative Assessment of Analyzability Indicators", I...	2%
2	Internet	42 words crawled on 15-Mar-2020 <a href="http://worldwidescience.org">worldwidescience.org</a>	1%
3	Internet	41 words crawled on 09-Jul-2010 <a href="http://ejcts.ctsnetjournals.org">ejcts.ctsnetjournals.org</a>	1%
4	Crossref	40 words Vera van der Zanden, Sara J. Beishuizen, Lieke M. Swart, Sophia E. de Rooij, Barbara C. van Munster. "The Effect of..."	1%
5	Internet	38 words crawled on 06-May-2020 <a href="http://www.science.gov">www.science.gov</a>	1%
6	Internet	31 words crawled on 30-Jun-2017 <a href="http://clinicaltrials.gov">clinicaltrials.gov</a>	1%
7	Crossref	26 words N.G. Plekhova, V.A. Nevzorova, L.V. Rodionova, T.V. Brodskaya, V.B. Shumatov, K.V. Grunberg, S.V. Dolzhikov. "S..."	1%
8	Internet	25 words crawled on 04-Jun-2020 <a href="http://docplayer.net">docplayer.net</a>	1%



Risk score for predicting abdominal complications after coronary ar



Sign in

ALL IMAGES VIDEOS

Add the Give with Bing extension >

209,000 Results Any time

### Risk Score for Predicting Long-Term Mortality After ...

<https://www.ahajournals.org/doi/10.1161/circulationaha.111.055939>

Time-varying risk factors for long-term mortality after coronary artery bypass graft surgery. Ann Thorac Surg. 2006; 81: 793-799. Crossref Medline Google Scholar; 10. Gardner SC, Grunwald GK, Rumsfeld JS, Mackenzie T, Gao D, Perlin JB, McDonald G, Shroyer AL. Risk factors for intermediate-term survival after coronary artery bypass grafting.

Cited by: 114 Author: Chuntao Wu, Fabian T. Camacho, Andrew S...  
Publish Year: 2012

### EuroSCORE II with SYNTAX score to assess risks of coronary ...

<https://www.ncbi.nlm.nih.gov/pubmed/24603447>

EuroSCORE II with SYNTAX score to assess risks of coronary artery bypass grafting outcomes. Fukui T(1), Uchimuro T(2), Takahashi S(2). Author information: (1)Department of Cardiovascular Surgery, Sakakibara Heart Institute, Tokyo, Japan tfukui.cvs@gmail.com. (2)Department of Cardiovascular Surgery, Sakakibara Heart Institute, Tokyo, Japan.

Cited by: 7 Author: Toshihiro Fukui, Tomoya Uchimuro, Shuichi...  
Publish Year: 2015

### Mayo Clinic Risk Score for Percutaneous Coronary ...

<https://www.ahajournals.org/doi/10.1161/CIRCULATIONAHA.107.711523>

CLINICAL PERSPECTIVE 2012. This study established that the new Mayo Clinic Risk Score, originally derived to predict outcomes after percutaneous coronary intervention with preprocedure variables, can also predict in-hospital mortality after coronary artery bypass graft surgery. This is the first risk score to demonstrate good discriminatory ability in both patients undergoing percutaneous coronary ...

Cited by: 64 Author: Mandeep Singh, Bernard J. Gersh, Shuang ...  
Publish Year: 2008

PEOPLE ALSO ASK

- What are the risks of coronary artery bypass surgery?
- How to bypass coronary artery bypass graft?
- How do doctors bypass blocked coronary arteries?
- What happens after coronary artery bypass surgery?

Feedback

### Risk calculator for predicting postoperative pneumonia ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6635692>

Apr 22, 2019 · In a study of pulmonary complications specific to pneumonia, Kinlin et al 2 reported a clinical prediction rule for use after coronary artery bypass graft surgery. Gupta et al 5 developed a risk calculator in patients who underwent multiple surgical subspecialties (cardiac surgery 0.3%).

Cited by: 3 Author: Yoshio Takesue, Hiroaki Miyata, Mitsukazu ...  
Publish Year: 2019

### Novel Markers for Predicting Type 2 Neurologic ...

<https://pubmed.ncbi.nlm.nih.gov/31863758>

Background: Type 2 neurologic complications of coronary artery bypass grafting (CABG) include postoperative cognitive dysfunction and delirium. Although relevant clinically, they are rarely properly recognized outside of dedicated research setting, as their identification is complex and time-consuming.

### Predicting mortality in patients undergoing VA-ECMO after ...

<https://ccforum.biomedcentral.com/articles/10.1186/s13054-019-2307-y>

Jan 11, 2019 · Prediction scoring systems for coronary artery bypass grafting (CABG) patients on venoarterial extracorporeal membrane oxygenation (VA-ECMO) have not yet been reported. This study was designed to develop a predictive score for in-hospital mortality for cardiogenic shock patients who received VA-ECMO after isolated CABG. Retrospective cohort study of consecutive CABG patients ...

- Pulmonary complications associated with ... May 11, 2020
  - When to initiate ECMO with low likelihood of success ... Sep 19, 2018
  - Outcomes and survival prediction models for severe adult ... Nov 01, 2016
  - Liver function predicts survival in patients undergoing ... Mar 11, 2016
- See more results

### Incidence and Predictors of Bleeding After Contemporary ...

<https://doi.org/10.1161/01.CIR.95.11.2508>

Bleeding complications occurred at a variety of sites (Table 1). The most common sources of moderate and severe bleeding were procedure related; almost 4% of the overall population experienced hemorrhage related to coronary artery bypass grafting, and 2.0% had hemorrhage at the groin site.

### Stroke after coronary artery bypass grafting: Preoperative ...

<https://www.sciencedirect.com/science/article/pii/S0022522312008999>

Dec 01, 2012 · Methods. Included in the study were 2910 patients who underwent isolated coronary artery bypass grafting during a 19-year period. CHADS 2 and CHA 2 DS 2 VASc scores were computed for all patients, and outcomes were evaluated in terms of perioperative stroke and compared with 2 specific models for predicting surgical coronary artery bypass grafting stroke (Northern New England ...

### Prognosis and Complications of Diabetic Patients ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5062695>

Patients with diabetes were at higher risk for postoperative complications and mortality after undergoing coronary artery bypass surgery. However, diabetes did not explain the poor prognosis of these patients after pairing this factor with the propensity score.

### Coronary Artery Bypass Graft Surgery | Johns Hopkins Medicine

<https://www.hopkinsmedicine.org/.../coronary-artery-bypass-graft-surgery>

Coronary artery bypass graft surgery (CABG) is a procedure used to treat coronary artery disease. Coronary artery disease (CAD) is the narrowing of the coronary arteries – the blood vessels that supply oxygen and nutrients to the heart muscle. ... What the possible side effects or complications are. When and where you are to have the test or ...



272,000 Results Any time ▾

### [Long-Term Survival Prediction for Coronary Artery Bypass ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/29273200>

Prolonged ventilation, stroke, and hospital length of stay were also predictive of long-term death.

CONCLUSIONS: The ASCERT survival probability calculator was externally validated **for prediction of long-term survival after coronary artery bypass grafting** in all risk groups.

**Cited by:** 4 **Author:** Timothy S. Lancaster, Matthew R. Schill, ...

**Publish Year:** 2017

### [Risk Score for Predicting Long-Term Mortality After ...](#)

<https://www.ahajournals.org/doi/10.1161/circulationaha.111.055939>

Time-varying **risk** factors for long-term mortality **after coronary artery bypass** graft surgery. Ann Thorac Surg. 2006; 81: 793– 799. Crossref Medline Google Scholar; 10. Gardner SC, Grunwald GK, Rumsfeld JS, Mackenzie T, Gao D, Perlin JB, McDonald G, Shroyer AL. **Risk** factors for intermediate-term survival **after coronary artery bypass grafting**.

**Cited by:** 114 **Author:** Chuntao Wu, Fabian T. Camacho, Andre...

**Publish Year:** 2012

### [Prognosis and Complications of Diabetic Patients ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5062695>

Patients with diabetes were at higher **risk** for postoperative **complications** and mortality **after** undergoing **coronary artery bypass** surgery. However, diabetes did not explain the poor prognosis of these patients **after** pairing this factor with the propensity **score**.

**Cited by:** 2 **Author:** Karen Alcantara Queiroz Santos, Bharbar...

**Publish Year:** 2015

### [Effect of complications on mortality after coronary artery ...](#)

<https://www.sciencedirect.com/science/article/pii/S0022522307005430>

Jul 01, 2007 - **Complications after** isolated **coronary artery bypass grafting** surgery are associated with a 1.4- to 8-fold increase in the odds of death **after** adjusting for severity of disease and comorbidities. This information might prove valuable to hospitals in their efforts to design quality improvement initiatives and care protocols to improve mortality ...

**Cited by:** 23 **Author:** Laurent G. Glance, Turner M. Osler, Dan...

**Publish Year:** 2007