

Strategies to Minimize Wound Complications After Coronary Artery Bypass Grafting

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To evaluate the effectiveness of surgical strategies for the prevention of wound complications (sternal infections and complications at the venous graft harvest site) after coronary artery bypass grafting (CABG).
Materials and Methods. A comprehensive literature review was performed using the PubMed, MEDLINE, and Cochrane Library databases for the period from 2000 to 2025. Search terms included «coronary artery bypass grafting», «postoperative complications», «secondary prevention», and «surgical wound infection». Included studies comprised randomized controlled trials, cohort studies, systematic reviews, and meta-analyses reporting on interventions to reduce complications after CABG.
Results. The implementation of a set of measures including the use of a single internal thoracic artery, meticulous sternal closure (≥ 7 wire sutures with ZipFix), and no-touch saphenous vein harvesting using LigaSure achieved sternal wound infection rates of 1.8

Источники и литература

- 1) Kim MS, Hwang SW, Kim KB. Strategies to Minimize Sternal and Leg Wound Complications after Coronary Artery Bypass Grafting Using No-Touch Saphenous Vein Grafts. Ann Thorac Cardiovasc Surg. 2024;30(1):23-00154. doi: 10.5761/atcs.oa.23-00154
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