

عنوان مقاله:

Combined association of liver and renal injury by intra-aortic balloon pump malposition

محل انتشار:

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خلاصه مقاله:

BACKGROUND: We report an unusual visceral complication of intra-aortic balloon pump (IABP) due to the malpositioning of the catheter in the aorta. **CASE REPORT:** A ۵۵-year-old man with severe left ventricular dysfunction underwent coronary artery bypass grafting (CABG) with the preoperative use of an intra-aortic balloon pump. Postoperative course was complicated by renal and hepatic failure. The early occurrence of complications during ۳۶ hours after operation exhibited a serious vascular complication. The combination of acute renal and hepatic failure led to the suspension to occlusive effect of intra-aortic balloon pump catheter on ostium of the aforementioned organs. The intra-aortic balloon pump was removed, and urine output immediately restored. Thereafter, daily slop dawn serum levels of aminotransferases were started, and became normal at the ۱۰th day of operation. **CONCLUSION:** This is an exceptional case that shows how intra-aortic balloon pump may be contributed to mechanical aortic side branches obstruction. A high index of suspension is mandatory in the diagnosis of such bizarre complications

کلمات کلیدی:

Liver, Ventricular Dysfunction, Coronary Artery Bypass

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