

POSTER PRESENTATION

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# Comparison of amount of postoperative use of blood and blood products between patients receiving and not receiving salicylate before coronary surgery

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## Background

In this study, we aimed to present whether there was a significant difference between patients receiving 100 mg salicylate and not receiving salicylate before coronary artery bypass grafting in terms of amount of postoperative use of blood and blood products.

## Methods

Sixty-one patients that underwent coronary bypass surgery in one year at our clinic were investigated retrospectively. Thirty (49.2%) of them were receivers of 100 mg enteric-coated salicylate and 31 (50.8%) were non-receivers, divided into 2 groups. The mean age of salicylate receivers was 61.33 years whereas it was 57.71 years in the non-receivers.

## Results

There was no significant difference between groups that underwent on-pump coronary bypass surgery in terms of mean units of blood and blood products used ( $p > 0.05$ ). The percentage of blood product use was 54.5% in salicylate receivers and 55.6% in non-receivers. There was no significant difference between groups of patients that underwent off-pump beating heart coronary surgery in terms of amount of blood and blood product used ( $p > 0.05$ ). The percentage of blood product use was 37.5% in salicylate receivers and 50% in non-receivers in this group of patients ( $p > 0.05$ ).

## Conclusions

When the amount blood and blood products used was investigated for patients undergoing either on-pump or off-pump coronary bypass in terms of salicylate use, no significant difference was detected between groups.

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