

Penekanan bantal pasir efektif untuk klien pasca kateterisasi jantung dengan komplikasi : randomized controlled trial

Sinaga, Janno, author

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Abstrak

This study was to determine the effectiveness of the mechanical suppression of sandbag 2.3 kg between the 2, 4, 6 hours against complications. The research design was randomized controlled trial study, where 90 patients as sample. A 2.3 kg sandbag was applied for two hours for the first group, four hours for the second groups, and six hours for the control groups, measurements were taken every 2 hours. The results showed that no patient has any bleeding, not difference the incidence of hematoma between groups ($p = 0.866$; $\alpha = 0.05$). That the differences of discomfort between groups were found after 4 hours ($p = 0.003$; $\alpha = 0.05$), and after 6 hours ($p = 0.0005$; $\alpha = 0.05$). It is recommended that Standard Operational Procedure modification required from six hours into two hours in using a 2.3 kg sandbag as a mechanical pressure, because there is no increase of incidence of complications, on the other hand an improvement of comfort level is detected.