

**THE CORELATION BETWEEN LONG FASTING AND THE POST OPERATIVE
NAUSEA VOMITING EVENTS IN PATIENTS POST GENERAL ANESTHESIA
IN PKU MUHAMMADIYAH YOGYAKARTA HOSPITAL**

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ABSTRACT

Background: Post Operative Nausea Vomiting (PONV) is a nausea and vomiting which occurred within the first 24 hours after surgery. The occurrence of PONV is influenced by multiple factors such as patient risk factors, anesthesia risk factors, and surgical risk factors. Therefore, if PONV is not treated immediately, they can causing dehydration, electrolyte imbalance, vena hypertension, ruptured esofagal bleeding.

Objective: The purpose of this study is to find out the correlation between long fasting with post operative nausea vomiting cases in post general anesthesia patients at PKU Muhammadiyah Yogyakarta Hospital.

Methods: Analytic observational with cross sectional design. The sampling of this study was consecutive sampling with 45 patients at the Raudah room of PKU Muhammadiyah Yogyakarta Hospital. The study was conducted on 3rd February – 4th March 2020. The data was collected using chi square test process which level of trust is 95%.

Result: The result of this study is 12 (26,7%) respondents with PONV cases. The duration of fasting which < 6-8 hours is 35 (77,8%) respondents. The data was collected using statistical test process with *p Value* 0,018.

Conclusion: In this study, there were correlation between the duration of fasting and post operative nausea vomiting cases in post-anesthesia general patients at PKU Muhammadiyah Yogyakarta Hospital with a low level of the closeness in their relation, that is 0,390.

Keywords: Long fasting, Post Operative Nausea Vomiting

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HUBUNGAN LAMA PUASA DENGAN KEJADIAN *POST OPERATIVE NAUSEA VOMITING* DI RS PKU MUHAMMADIYAH YOGYAKARTA

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ABSTRAK

Latar Belakang : *Post Operative Nausea Vomiting* (PONV) adalah mual dan atau muntah yang terjadi dalam 24 jam pertama setelah pembedahan. Terjadinya PONV dipengaruhi berbagai faktor, yaitu : faktor risiko pasien, faktor resiko anestesi, dan faktor risiko pembedahan, dengan demikian bila PONV tidak segera ditangani, dapat menyebabkan dehidrasi, ketidakseimbangan elektrolit, hipertensi vena, perdarahan, reptur esofageal.

Tujuan Penelitian : Mengetahui hubungan lama anestesi dengan kejadian *post operative nausea vomiting* pada pasien pasca general anestesi di RS PKU Muhammadiyah Yogyakarta.

Metode Penelitian : Observasional analitik dengan desain *cross sectional*. Pengambilan sampel penelitian ini secara *consecutive sampling* dengan besar sampel 45 orang di bangsal Raudah RS PKU Muhammadiyah Yogyakarta. Penelitian dilakukan pada tanggal 3 februari – 4 maret 2020. Uji statistik menggunakan *chi square* dengan tingkat kepercayaan 95%.

Hasil Penelitian : Kejadian PONV sebanyak 12 (26,7%) responden. Lama puasa sebagian besar responden puasa 6-8 jam yaitu sebanyak 35 orang (77,8%). Hasil uji statistic didapatkan *p Value* 0,018.

Kesimpulan : Terdapat hubungan antara lama puasa dengan kejadian *post operative nausea vomiting* pada pasien pasca general anestesi di RS PKU Muhammadiyah Yogyakarta dengan keeratan hubungan tingkat rendah yaitu 0,390.

Kata Kunci : Lama puasa, *Post Operative Nausea Vomiting*

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