

**HUBUNGAN MEROKOK DENGAN EFEKTIVITAS JALAN NAFAS
PADA PASIEN DENGAN TINDAKAN *GENERAL ANESTESI* INHALASI
TEKNIK *LARYNGEAL MASK AIRWAY* DI RUANG
KAMAR OPERASI RS AMC BANDUNG**

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ABSTRAK

Latar Belakang: Fenomena di lapangan pada pasien perokok dengan tindakan *general anestesi* inhalasi sering terjadi hipersekresi mukus. Penumpukan sekret pada jalan nafas ini menyebabkan obstruksi jalan nafas. Aspirasi dan spasme laring bisa terjadi apabila tidak segera dilakukan intervensi pembersihan jalan nafas. Persentase kasus yang ada di Rumah Sakit AMC Bandung pada remaja dewasa perokok sebanyak 30 kasus (37,5%) tiap bulan mengalami hipersekresi mukus.

Tujuan: Mengetahui hubungan merokok dengan efektivitas jalan nafas pada pasien dengan tindakan *general anestesi* inhalasi teknik *laryngeal mask airway* di Ruang Kamar Operasi RS AMC Bandung

Metode: Penelitian ini merupakan jenis observasional dengan desain *cross sectional*. Populasi penelitian yaitu pasien yang dilakukan tindakan pembedahan elektif dengan *general anestesi* inhalasi dengan teknik *Laryngeal Mask Airway*. Teknik pengambilan sampel adalah *purposive sampling* melibatkan jumlah sampel 88 responden, Data dianalisis menggunakan uji *chi square*. Penelitian ini dilaksanakan pada bulan Februari-Mei 2022 di RS AMC Bandung.

Hasil: Efektifitas jalan nafas pasien perokok sebagian besar tidak efektif sebanyak 31 orang (79,5%), sedangkan bukan perokok sebagian besar efektif sebanyak 35 orang (70,5%). Hasil uji *chi square* nilai *p-value* 0,000 maka nilai *p-value* < 0,05.

Kesimpulan: Ada hubungan merokok dengan efektivitas jalan nafas pada pasien dengan tindakan *general anestesi* inhalasi teknik *laryngeal mask airway* di Ruang Kamar Operasi RS AMC Bandung

Kata kunci : Efektivitas, jalan nafas, *laryngeal mask airway*

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**RELATIONSHIP OF SMOKING AND AIRWAY EFFECTIVENESS IN
PATIENTS WITH GENERAL ANESTHESIA INHALATION LARYNGEAL
MASK AIRWAY TECHNIQUE IN THE ROOM AMC HOSPITAL
OPERATING ROOM BANDUNG**

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ABSTRACT

Background: *Phenomena in the field in smoking patients with general inhalation anesthesia often occur with mucus hypersecretion. This buildup of secretions in the airway causes airway obstruction. Laryngeal aspiration and spasm can occur if no immediate airway clearance intervention is performed. The percentage of cases in Bandung AMC Hospital in adolescent adult smokers as many as 30 cases (37.5%) each month experienced mucus hypersecretion.*

Objective: *To determine the relationship between smoking and the effectiveness of the airway in patients with general anesthesia by inhalation of the laryngeal mask airway technique in the operating room, AMC Hospital, Bandung.*

Methods: *This research is an observational type with a cross sectional design. The study population was patients who underwent elective surgery with general inhalation anesthesia using the Laryngeal Mask Airway technique. The sampling technique was purposive sampling involving a sample of 88 respondents. The data were analyzed using the chi square test. This research was conducted in February-May 2022 at AMC Hospital Bandung.*

Results: *The effectiveness of the airway of smoking patients was mostly ineffective as many as 31 people (79.5%), while non-smokers were mostly effective as many as 35 people (70.5%). The results of the chi square test have a p-value of 0.000, so the p-value <0.05.*

Conclusion: *There is a relationship between smoking and the effectiveness of the airway in patients with general anesthesia by inhalation of the laryngeal mask airway technique in the operating room, AMC Hospital, Bandung.*

Keywords: *Effectiveness, airway, laryngeal mask airway*

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