

**PERBANDINGAN PENGGUNAAN TEKNIK *JAW THRUST* DAN
TEKNIK *HEAD TILT CHIN LIFT* TERHADAP TINGKAT
KEBERHASILAN PEMASANGAN LMA (LARYNGEAL
MASK AIRWAY) PADA PASIEN GENERAL ANESTESI
DI RSUD PROF. DR. MARGONO SOEKARJO
PURWOKERTO**

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ABSTRAK

Latar Belakang: Keberhasilan pemasangan LMA sangat tergantung pada keterampilan petugas dan kedalaman anestesi yang dapat dinilai dari efek atau komplikasi yang terjadi pada saat pemasangan. Masih banyak diterapkan berbagai teknik pemasangan LMA seperti teknik *jaw thrust* dan Teknik *head tilt chin lift* namun masih banyak tekanan kebocoran yang terjadi saat pemasangan. Berdasarkan Teknik yang digunakan terdapat tindakan yang mengakibatkan pemasangan LMA harus dilakukan upaya perbaikan agar kepatenan jalan nafas dapat terjaga.

Tujuan: Penelitian bertujuan mengetahui perbandingan keberhasilan pemasangan LMA antara teknik *jaw thrust* dengan teknik *head tilt chin lift* di RSUD Prof. Dr. Margono Soekarjo Purwokerto.

Metode: Penelitian merupakan observasional untuk mengetahui perbandingan keberhasilan pemasangan LMA antara Teknik *jaw thrust* dengan teknik *head tilt chin lift*. Populasi dalam penelitian adalah semua pasien yang menjalani prosedur bedah elektif ASA I dan II yang di anestesi umum dengan menggunakan alat bantu napas LMA. Pengambilan sampel dengan teknik *purposive* didapatkan 80 responden.

Hasil Penelitian: Analisa data menggunakan Uji *Mann-Whitney*. Didapatkan nilai signifikansi *p-value* sebesar 0.000 ($p < 0.05$). Yang berarti penggunaan Teknik *jaw thrust* lebih efektif dalam pemasangan LMA. Angka *mean rank* keberhasilan pemasangan LMA dengan teknik *jaw thrust* lebih tinggi dibandingkan dengan teknik teknik *head tilt chin lift*.

Kesimpulan: Angka keberhasilan pemasangan LMA dengan teknik *jaw thrust* lebih tinggi dibandingkan dengan teknik *head tilt chin lift*. Penggunaan teknik *jaw thrust* lebih disarankan untuk mempersingkat waktu dan meminimalkan resiko.

Kata kunci : LMA, *jaw thrust*, *head tilt chin lift*

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**THE SUCCES COMPARISON OF LMA (MASK AIRWAY LARINGEAL)
BETWEEN JAW THRUST TECHNIQUES WITH HEAD TILT CHIN LIFT
TECHNIQUES AT THE HOSPITAL OF THE “PROF DR. MARGONO
SOEKARJO” PURWOKERTO**

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ABSTRAC

Background: *The installation success of the LMA is highly dependent on the perpetrators skill and the depth of anesthesia that can be measured from the effects or complications that occur during installation. Based on the field practical experience, various installation techniques of LMA such as jaw thrust techniques and head tilt chin lift techniques are still widely applied, but there is still a lot of pressure leakage that occurs during installation. Based on the techniques used there are some actions that result the LMA installation must be repeated or improved in order the patency of the airway can be maintained.*

Purpose: *The aim of This study is to know the comparison of the installation success of LMA between jaw thrust with head tilt chin lift techniques at the Hospital of "Prof. Dr. Margono Soekarjo" Purwokerto.*

Method: *This study is an experimental study to know the comparison installation success of LMA between jaw thrust techniques with head tilt chin lift techniques. The population in this study are all patients who undergo elective surgical procedure ASA I and II. They are all in general anesthetized using a ventilator LMA. The techniques that is used to take the sampling is purposive techniques and it is obtained 80 people.*

Result: *The Data are analyzed using the Mann-Whitney test. the significance value of p-value 0.000 ($p < 0.05$). The use of the jaw thrust technique is more effective in LMA installation. The Success rate for LMA installation with jaw thrust techniques is higher than the head tilt chin lift techniques.*

Conclusion: *The Success rate for LMA Unique installation with jaw thrust techniques is higher than the head tilt chin lift techniques. The use of the jaw thrust technique is recommended to shorten the time and minimize the risk.*

Keywords: LMA, jaw thrust, head tilt chin lift

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