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Knowledge and attitude of surgical patients and their families toward anesthesia

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Introduction: Anesthesia plays a critical role in modern surgical procedures by ensuring patient pain management and safety. This study aimed to investigate the knowledge and attitude of surgical patients and their families toward anesthesia.

Methods: This prospective, cross-sectional study included patients and their families in Wenzhou, China. Data collection and the measurement of knowledge and attitude scores were administered using a self-administered questionnaire.

Results: 503 participants (69.98% patients, 30.02% families) were included. The mean knowledge and attitude scores were 7.93 ± 6.11 (possible range: 0–26), and 32.64 ± 2.59 (possible range: 8–40), respectively, indicating an inadequate knowledge and positive attitude. Moreover, a multivariable logistic regression analysis showed that age [odds ratio (OR) = 0.394, $p = 0.018$], residence (OR = 0.424, $p = 0.002$), household income per month (OR = 0.297–0.380, $p < 0.05$), gender (OR = 1.680, $p = 0.017$), education (OR = 2.891, $p = 0.017$), and experienced anesthesia (OR = 4.405, $p = 0.001$) were independently associated with knowledge score. Additionally, knowledge score (OR = 1.096, $p < 0.001$), relationship with the patient (OR = 1.902, $p = 0.009$), and household income per month (OR = 0.545, $p < 0.031$) were independently associated with attitude score.

Discussion: In conclusion, surgical patients and their families in Wenzhou, China had inadequate knowledge while positive attitude towards anesthesia, which might be influenced by their sociodemographic characteristics, including age, gender, residence, education, household income, relationship with patient, and experienced anesthesia. These findings emphasize the necessity of customized educational programs aimed at improving anesthesia knowledge and attitudes of patients and their families, especially among those with older age and lower socioeconomic status.

KEYWORDS

knowledge, attitude, anesthesia, surgical patients and their families, cross-sectional study

1 Introduction

Major surgeries, numbering over 300 million annually (1), rely heavily on anesthesia to ensure patient comfort, pain management, and safety (2). This involves the administration of medication to induce a controlled state of unconsciousness, eliminate pain sensations, and maintain physiological stability throughout the surgical procedure (3). Successful outcomes hinge not only on the expertise of anesthesia providers but also on patient and family cooperation, necessitating adherence to pre-anesthesia instructions and family support (4).

Saudi Patients Knowledge And Attitude Toward Anesthesia

Aminath Fiuna



Saudi Patients Knowledge And Attitude Toward Anesthesia:

Experiences and Challenges of Healthcare Professionals Russell Kabir, Ali Davod Parsa, S. M. Yasir Arafat, 2024-01-08 **Index Medicus**, 2001 *Annals of Saudi Medicine*, 1992 **Pharmacology, Physiology, and Practice in Obstetric Anesthesia** Alan D. Kaye, Aaron J. Kaye, 2025-03-31 Pharmacology Physiology and Practice in Obstetric Anesthesia provides all the essentials of obstetric anesthesia in a straightforward user friendly format that avoids encyclopedic language and lengthy discussions and is inclusive of other healthcare specialties and subspecialties including obstetrics neonatal care and more Coverage spans the essentials of obstetrics as well as overlooked issues including obstetric pharmacology and physiology safe practice strategies clinical concepts for vaginal delivery and C section high risk pregnancy states and management of the complicated parturient complications and medicolegal fetus and newborn considerations and guidelines standards and statements related to obstetric anesthesia Pharmacology Physiology and Practice in Obstetric Anesthesia is the perfect reference for an interdisciplinary group of health professionals policymakers and researchers working and training in the field of obstetric anesthesiology Clearly addresses all the aspects of practice within the context of obstetrics anesthesiology and neonatal care Discusses new and relevant topics that are important to the field Provides up to date information in an accessible user friendly format **Cumulated Index Medicus**, 1985 *Medical Emergencies in the Dental Office E-Book* Stanley F. Malamed, 2022-01-31 Be prepared to prevent recognize and manage life threatening medical emergencies Medical Emergencies in the Dental Office 8th Edition helps you learn the skills needed to manage health issues in the dental office or clinic The text describes how to recognize and manage medical emergencies promptly and proactively and details the resources that must be on hand to effectively deal with these situations Written by noted dentistry educator Dr Stanley Malamed this expert text includes the latest guidelines for drug related emergencies cardiac arrest and more An enhanced eBook is included with each new print purchase featuring a complete fully searchable version of the text a test bank of 300 questions and answers and much more available on a variety of devices Logical format reflects the way emergencies are encountered in a dental practice with chapters organized by commonly seen clinical signs and symptoms such as unconsciousness or altered consciousness respiratory distress seizures allergic reactions chest pain and cardiac arrest Step by step procedures include detailed sequential instructions for stabilizing and treating patients PCABD in common medical emergencies Full color illustrations demonstrate emergency techniques with realistic clarity Summary tables and boxes make it easy to find essential concepts and information Quick reference algorithms in the appendix include step by step diagrams showing the decision making process in common emergency situations A differential diagnosis chapter ends each of the book's parts on common emergencies An enhanced eBook version is included with each new print purchase featuring a fully searchable version of the text an image collection a test bank of 300 questions and answers and more UPDATED content includes the most current guidelines for drug related emergencies unconsciousness altered consciousness

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Saudi Patients Knowledge And Attitude Toward Anesthesia Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Saudi Patients Knowledge And Attitude Toward Anesthesia**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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