

## Patient's Knowledge, Attitude and Satisfaction of Preanesthetic Preparation

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**Purposes :** To develop a questionnaire as the tool for study and to evaluate patient's knowledge, attitude and satisfaction of preanesthetic preparation. **Methods :** A preoperative questionnaire was developed and used in 217 patients undergone a wide range of surgical procedures in Ramathibodi hospital. The questionnaire contained 24 items : 7 items for the patients' demographic background, previous surgical and anesthetic experience, 10 items for patients' knowledge concerning necessary preanesthetic preparations (i.e., NPO requirements, medications instruction), alternative anesthesia options and the related risks, and 7 items for patients' attitude concerning need for preanesthetic visit and anesthetic information, and visual analog scales for patients' satisfaction. **Results :** The results support the internal consistency ( $r = 0.74$ ) and construction validity of the questionnaire. There were forty-five percents of the patients who had previous surgical and anesthetic experience. About anesthesia knowledge, the median score of patients for all ten items was 5. About attitude, eighty-six percents of patients recognized the necessary of preanesthetic visit, and sixty-one percents need for anesthesia information very much. The median score from visual analog scales for patients' satisfaction was 82 and the patients' satisfaction score was correlated with the knowledge score. **Conclusion :** This study verified the reliability and validity of a questionnaire for measuring patients' anesthesia knowledge. The results of this survey could be used to improve preanesthetic preparation which would result in change of patients' attitude and increase anesthesia knowledge and satisfaction.

**Key word :** Anesthesia, preanesthetic preparation, patients' knowledge, attitude, satisfaction, questionnaire