

A Survey of Satisfaction among Users for Electronic Anesthesia Record in Thailand

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ABSTRACT

Background

Even though the anesthesia information management system (AIMS) was not implemented generally, but its advantage has been recognized. The AIMS can eventually replace handwritten records because of the accuracy and the completeness of the documents. Prasat Neurological Institute, the largest tertiary neurological center in Thailand, has begun using AIMS since September, 2012 as a first pioneer. After the program execution, the users' attitudes concerning AIMS has not been evaluated. Therefore, we propose this study to assess the level of users' satisfaction for AIMS and its association with socio-demographics in order to estimate the possibility of the program feasibility.

Method

The cross-sectional study was done to survey the population purposive sampling which included recorders and interpreters during April 1-30, 2015. The qualified self-administrative questionnaire was developed based on demographics, the factors evaluation in attitudes and the satisfaction for AIMS in nominal and 5-point Likert's scale fashion. Descriptive statistic, and linear regression analysis were analyzed. P values < 0.05 were considered statistically significant.

Results

A total of 182 respondents were collected. Most of them (87.4%) had moderate level of satisfaction to AIMS. The average satisfaction score was 70.25 ± 6.32 with no affected factors associated significantly with users satisfaction.

Conclusions

The level of satisfaction to AIMS was not achieved highly and it could not demonstrated the association with any socio-demographics factors. The in-depth study is needed to evaluate its efficiency and effectiveness in the future.

Keywords: Electronic medical record; information technology; factors.

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