Storage and Control Stock for surgical sets in operating room

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A R T I C L E I N F O

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A B S T R A C T

Introduction: The Centers for Disease Control and Prevention have established standards to prevent the contamination of surgical sets stored in sterile storeroom. The goal of this study is to provide a solution for faster access and better monitoring of expiry date of surgical sets in order to lessen manipulating of surgical sets.

Materials and Methods: This research performed undergo Action Research method with checking the expiry dates of sterilized surgical sets by census method. Then numbered all the Stocks of surgical sets and comprehensive list of surgical sets prepared and the front of the each surgical set marked with a Stock number. The correct layout of the surgical sets inside the stocks trained by the FIFO method to the storeroom staff. Then, after the intervention, the expiration date of all items checked and the personnel satisfaction evaluated to access to the desired set.

Results: Of the 305 surgical set viewed, 72 (24%) items at the first stage, 35 (11%) at the second stage and 18 (6%) at the third stage recorded, that were expired according to the time specified by the hospital. After the intervention, the number of expired sets was 9 items (3%). A total of 45 personnel were asked about the designed list and the layout of the surgical sets, 40 People (89%) said that access to desired surgical sets was easier and faster than before.

Conclusion: This designed surgical sets list reduced the number of expired sets, was corrected layout, and led to faster access of personnel to the sets.