Postoperative analgesia is an important aspect of anesthesia care since pain problems affect both physical and mental derangement, resulting in delayed recovery. Transversus Abdominis Plane block (TAP block) can be performed in the abdominal wall area and can be done by ultrasound-guided technique. The TAP block is a peripheral nerve block designed to anesthetize the nerves supplying the anterior abdominal wall. Nowadays, the TAP block proves to reduce the need for postoperative opioid use, increases the time to first request for further analgesia, and provides more effective pain relief, while decreasing opioid related side effects such as sedation and postoperative nausea and vomiting. Realizing the need to create an innovation, Ramathibodi Hospital anesthesia team has introduced the RAMA TAP Block Sheet, which is a transparent plastic sheet with two square-sided holes for TAP block procedure.

BACKGROUND

Objectives

The RAMA TAP Block Sheet is designed to facilitate anesthesiologist during TAP block procedure and reduce contamination risk from gauzes in surgical area.

PROJECT DETAIL

Using this innovation for TAP block procedure, the anesthesiologist can see both sides of abdominal walls as well as the midline of abdomen, which allow them to clearly locate a good injection site with local anesthetic to skin.

RESULTS

CONCLUSIONS

The RAMA TAP Block Sheet is an inexpensive, practical and highly efficient invention that could be sterilized. This invention had received Continuous Quality Improvement (CQI) award from 24th Quality Conference (24-25 August 2017), Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok Thailand. (Jiarpinitnun J, Arnuntasupakul V, Tongtokit K, The RAMA TAP Block Sheet petty patent number 1803000510, Department of Intellectual Property, Ministry of Commerce of Thailand, (2018), 18 pages)