

## Abstract

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Early experience of a Surgical Critical care outreach team in a tertiary hospital

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### Objectives:

The Surgical Care outreach team was started in May 2018. The team consists of an intensivist, a senior resident and a medical officer from anaesthesia and critical care trained nurses. The team provides post-Surgical Intensive care Unit (SICU) discharge reviews and triage review for patients who are acutely deteriorating in the wards. Objectives of this critical care outreach team are to facilitate timely SICU discharges and reduce unplanned admission to SICU.

Our aim is to evaluate the effectiveness of the Surgical Critical care outreach team.

### Methods:

7 months data from May 2018 to Nov 2018 were analyzed

### Results:

219 discharges from SICU were followed up with a total of 632 post discharge reviews. During the 1<sup>st</sup> three months of the implementation of the outreach team, all discharges from SICU were followed up for at least 48 hours. In the subsequent months, only cases identified by the SICU consultant were followed up. There is a downward trend on the re-admission rate to SICU with the implementation of the outreach team from 3-4 per month to 1-2 per month.

On the other hand, a total of 268 triage referrals from 17 surgical disciplines were received and 840 reviews were done. There is an increase trend in the surgical RRT activations and reviews and a rise in the numbers of Advanced Care Planning (ACP) discussion initiated out of the ICU setting.

### Conclusions:

The early experience of a Surgical Critical Care outreach team demonstrated a decrease trend in the re-admission rate to SICU and the team is gaining recognition with an increased triage referrals and reviews. The team has also facilitated and initiated End of life discussion out of ICU setting when appropriate to avoid unnecessary ICU admission.