



## Predicting Successful Extubation Clinical Pathway Report

Clinical Pathway 4th Quarter Report 2017

Data Collection Period: 01 October 2017 - 31 December 2017

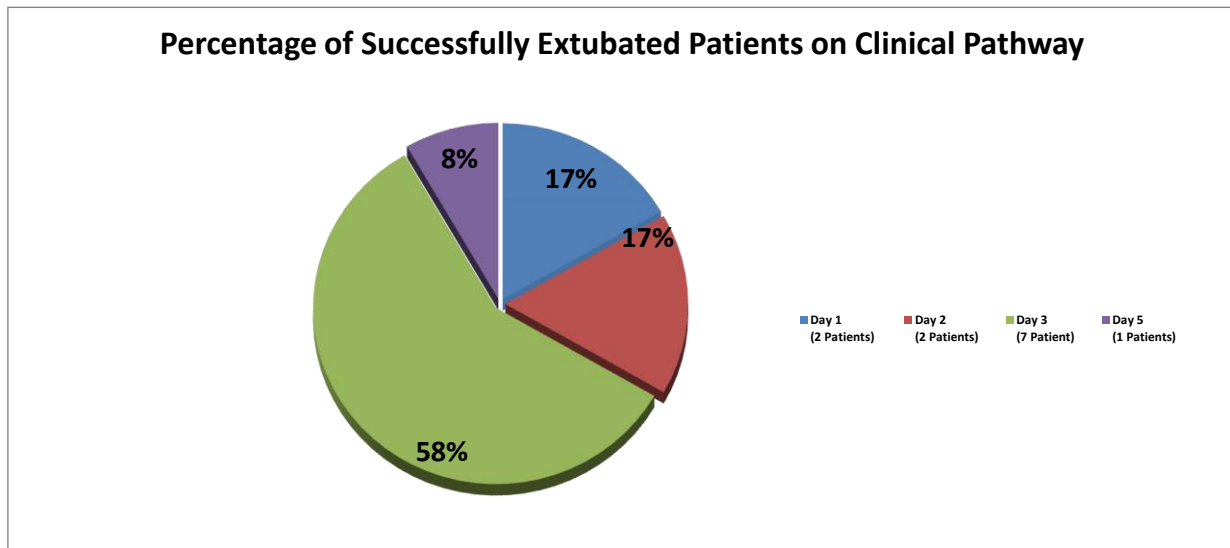
Units using the clinical pathway: SSCU-B & MICU-C

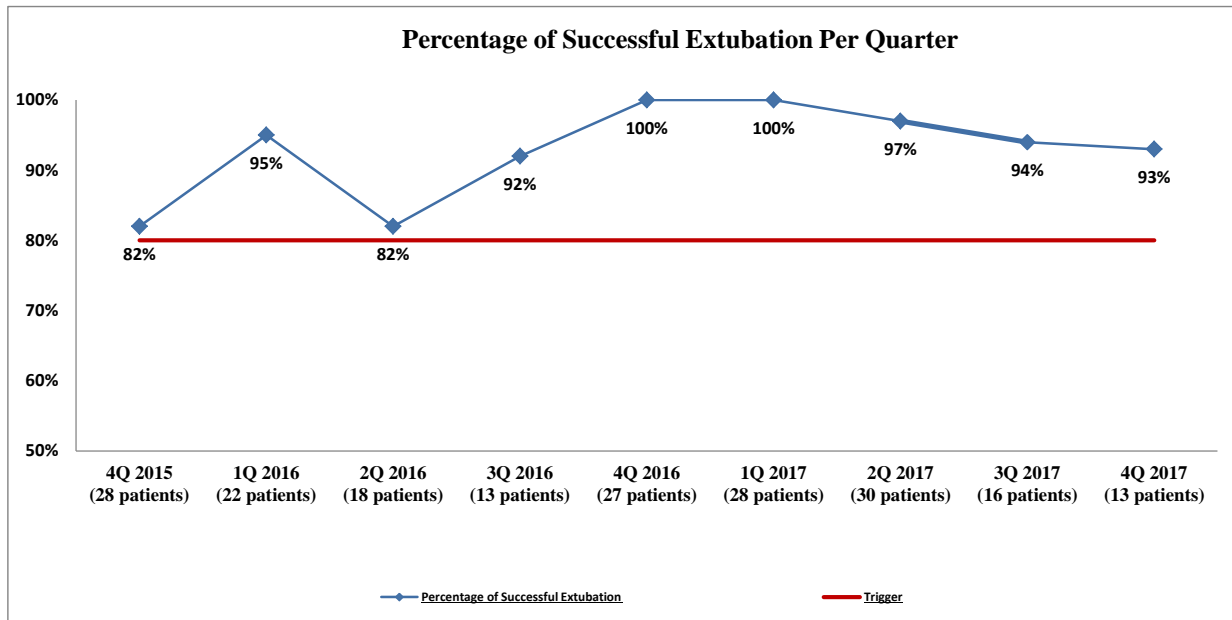
Data Sources: Retrospective review of Clinical Pathways

Total number of patients managed on this Clinical Pathway: 13

The utilization is unknown this quarter due to incompleteness of the extubation log sheet (Tracker).

Clinical Pathway Documentation Compliance		
Department / Discipline	Complete Documentation	Incomplete Documentation
Medical Doctor	54%	46%
SSCU-B Nurses (7 Patients)	100%	0%
MICU-C Nurses (6 Patients)	100%	0%
Respiratory Therapy	100%	0%





**Measures:**

The ultimate outcome measure for this clinical pathway is that all patient will be extubated within five (5) days from the initiation of the pathway.

**Summary:**

Total number of patients managed on this Clinical Pathway was 13 as follow:

Day	Explanation
On day one	(2) patients were successfully extubated; and (1) patient was re intuated within 48 hrs of extubation
On day two	(2) patients were successfully extubated
On day three	(7) patients were successfully extubated
On day five	(1) patients was successfully extubated

**Findings:**

1. The number of successfully extubated patients is 12 (93%).
2. One patient was re-Intubated within less 48 hrs post extubation .
3. Pathway documentation compliance needed to be improved by all disciplines especially medical staff
4. The Clinical Pathway utilization is unknown, the tracker form was not fully completed by Respiratory Therapist this quarter.

**Follow up Action Plan:**

1. The report to be shared with the respective Healthcare Provider/ Medical Quality Director / Clinical Pathway Coordinator
2. Encourage the Healthcare Providers to utilize the clinical pathway nurse champion as a resource for any clarifications.
3. The clinical pathway coordinator to reinforce the importance of utilization of the tracker form during monthly rounds.
4. Automation power plan went live 17 December, validation process is on-going to eliminate papares except during down time.