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Predicting Successful Extubation Clinical Pathway Report

Clinical Pathway 3rd Quarter Report 2017

Data Collection Period: 01 July 2017 - 30 September 2017
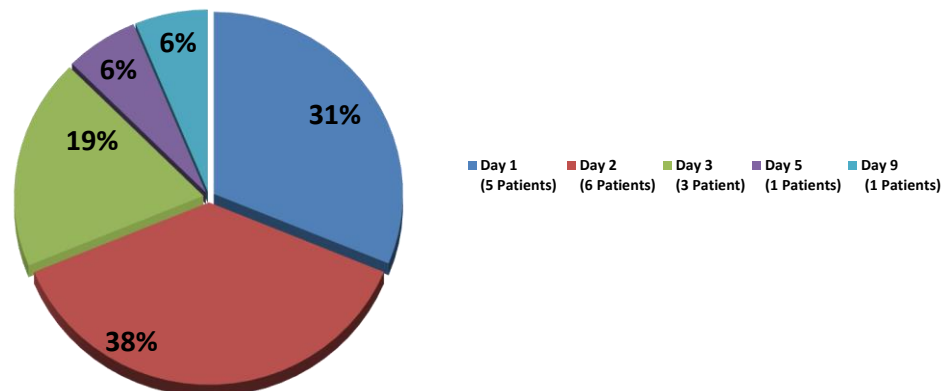
Units using the clinical pathway: SSCU-B & MICU-C

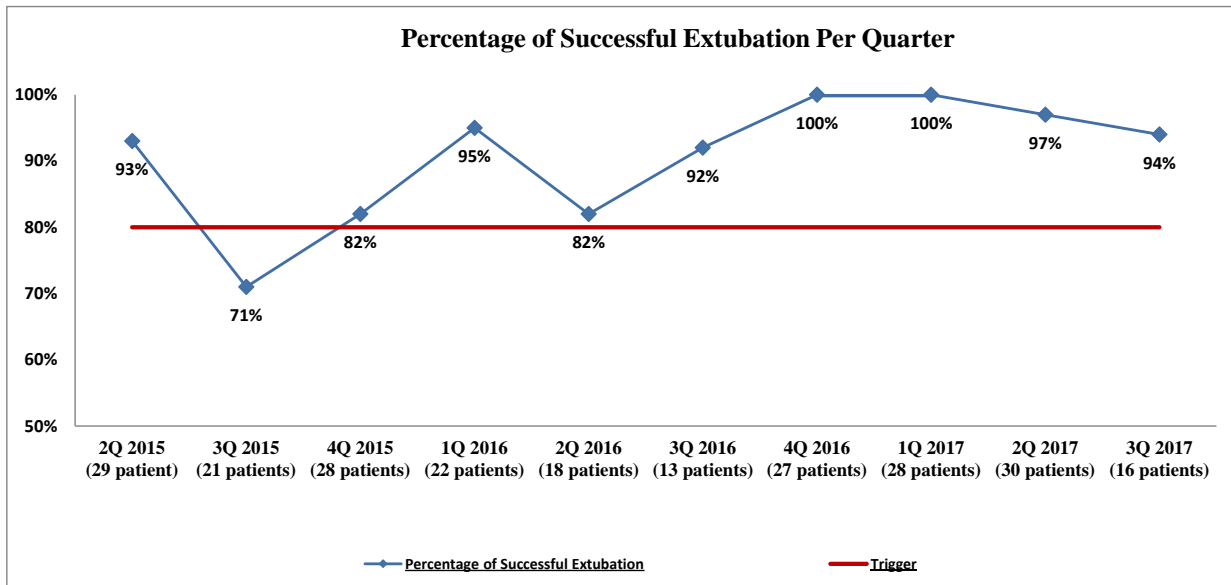Data Sources: Retrospective review of Clinical Pathways

Total number of patients managed on this Clinical Pathway: 16

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

Clinical Pathway Documentation Compliance		
Department / Discipline	Complete Documentation	Incomplete Documentation
Medical Doctor	58%	42%
SSCU-B Nurses (11 Patients)	100%	0%
MICU-C Nurses (5 Patients)	80%	20%
Respiratory Therapy	100%	0%

Percentage of Successfully Extubated Patients on Clinical Pathway

- Day 1 (5 Patients)
- Day 2 (6 Patients)
- Day 3 (3 Patient)
- Day 5 (1 Patients)
- Day 9 (1 Patients)

Percentage of Successful Extubation Per Quarter

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 16 as follow:

Day	Explanation
On day one	(5) patients were successfully extubated
On day two	(6) patient was successfully extubated
On day three	(3) patients were successfully extubated
On day five	(1) patients were successfully extubated
On day nine	(1) patients were successfully extubated

Findings:

1. The number of successfully extubated patients is 15 (94%).

2. Pathway documentation compliance needed to be improved by all disciplines especially medical staff

3. 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. The team met with the HITA representative and he almost finished the build of the pathway in ICIS; this will facilitate the collection of data and the generation of utilization report.

5. Once the automation is complete, there will be an overlapping period during which clinical pathway will be used in 2 different formats at the same time (paper and electronic copy) until validation is complete; relevant in-service will be provided on due time.