



External Ventricular Drain (EVD) Management Post Insertion Clinical Pathway Report

Clinical Pathway 2nd Quarter Report 2018

Data Collection Period: 1 April 2018-30 June 2018

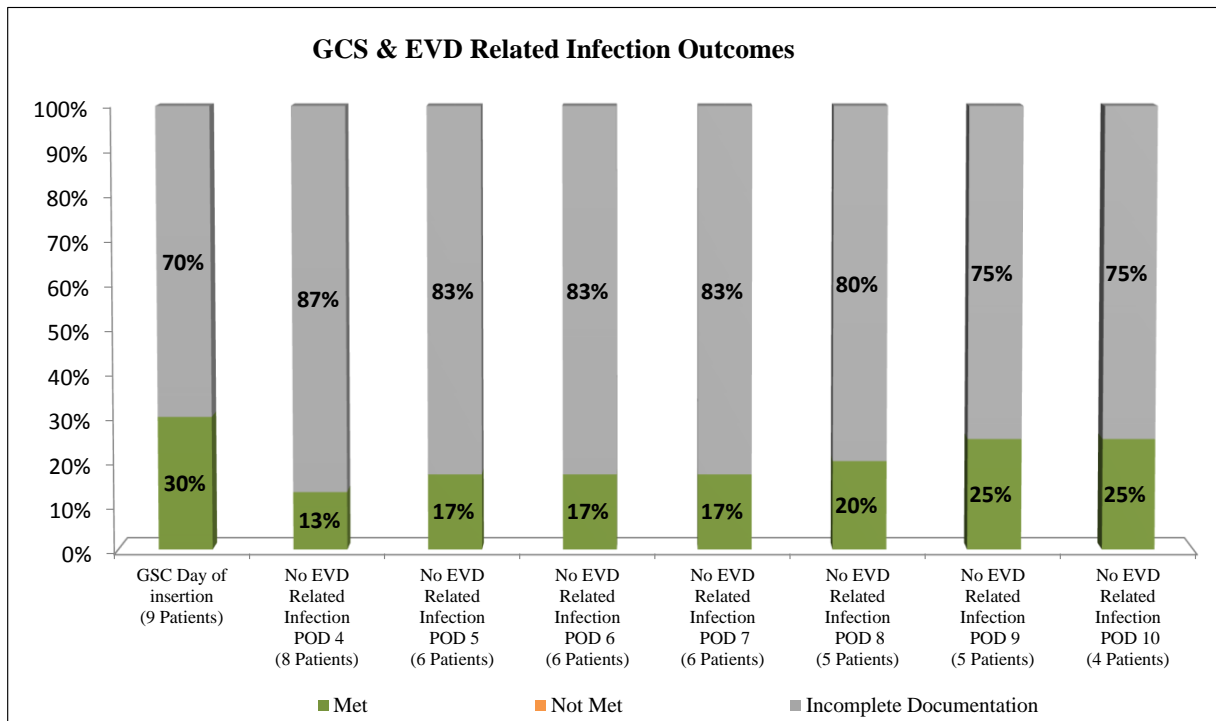
Units using the clinical pathway: C1, SSCU B, MICU C, PICU & A2

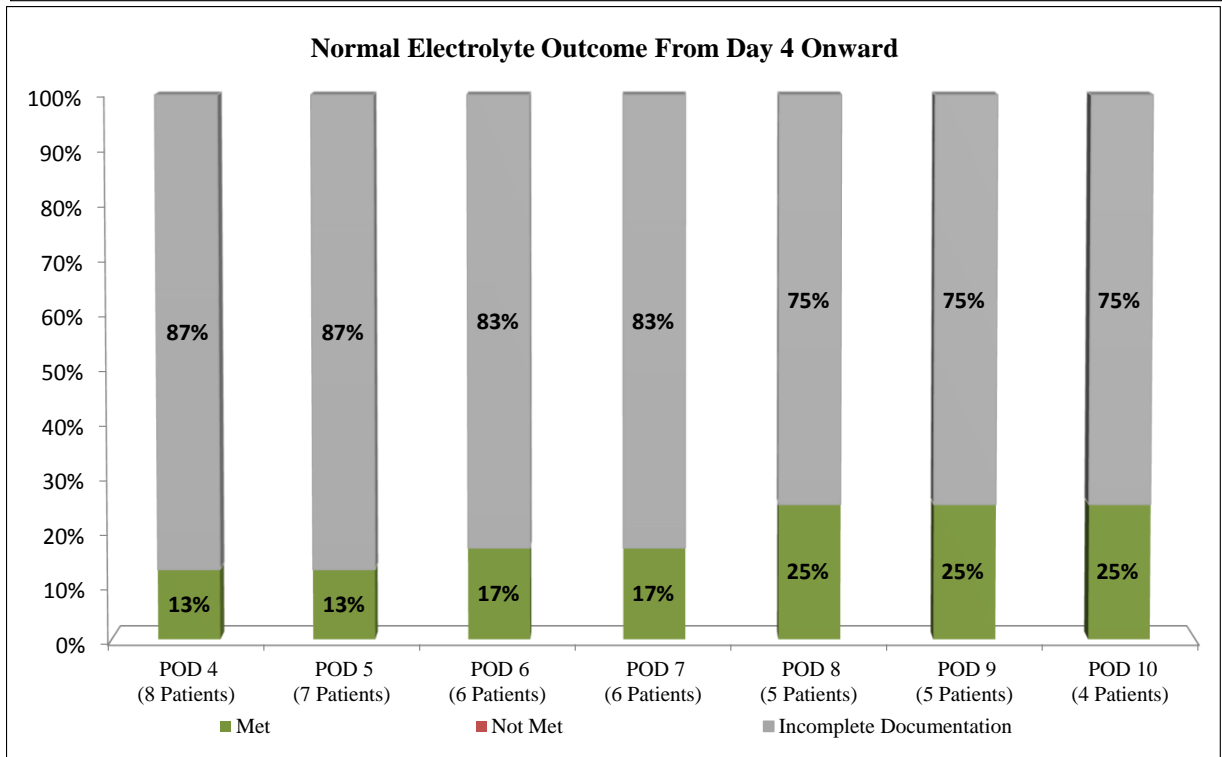
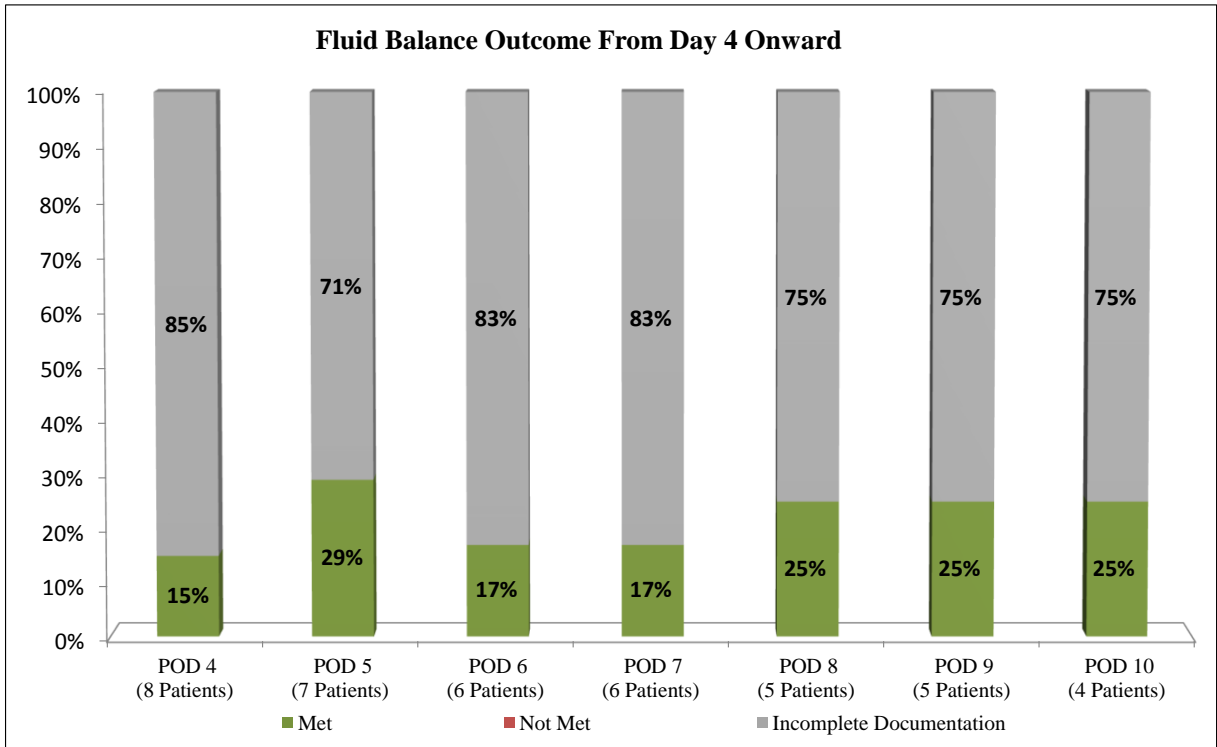
Data Sources: Retrospective review of Clinical Pathways

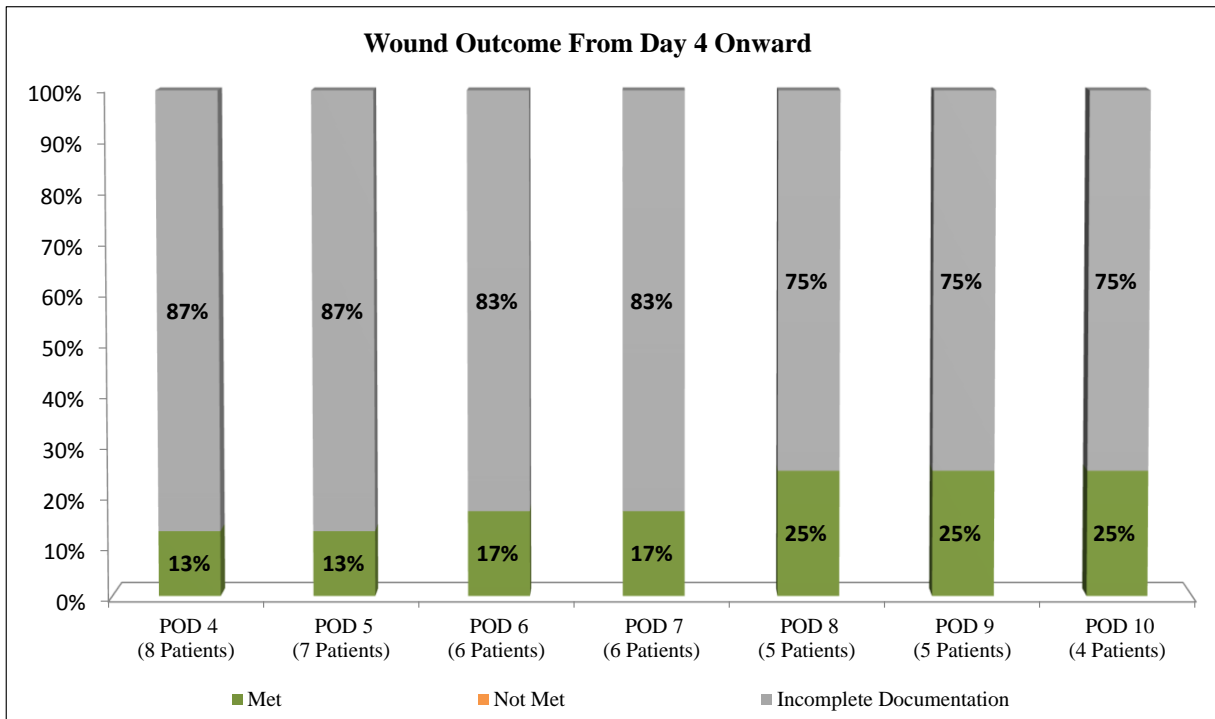
Number of patients who had EVD insertion: 10

Number of patients managed on the Clinical Pathway: **9 (90%)**.

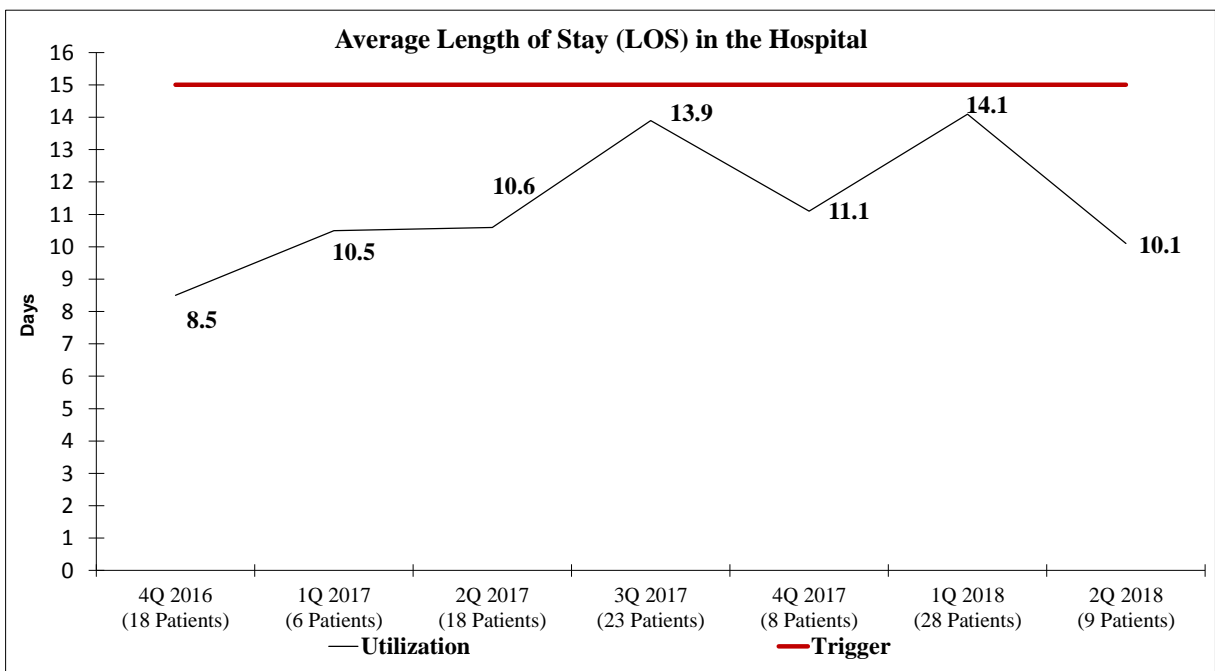
Clinical Pathway Documentation Compliance				
Discipline	No. of Adult Patients	No. of Peds Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	3	6	15%	85%
C1 Nurse	1	3	50%	50%
PICU Nurse	0	1	0%	100%
A2	0	2	25%	75%
MSIC-C	1	0	0%	100%
SSCU-B Nurse	1	0	50%	50%

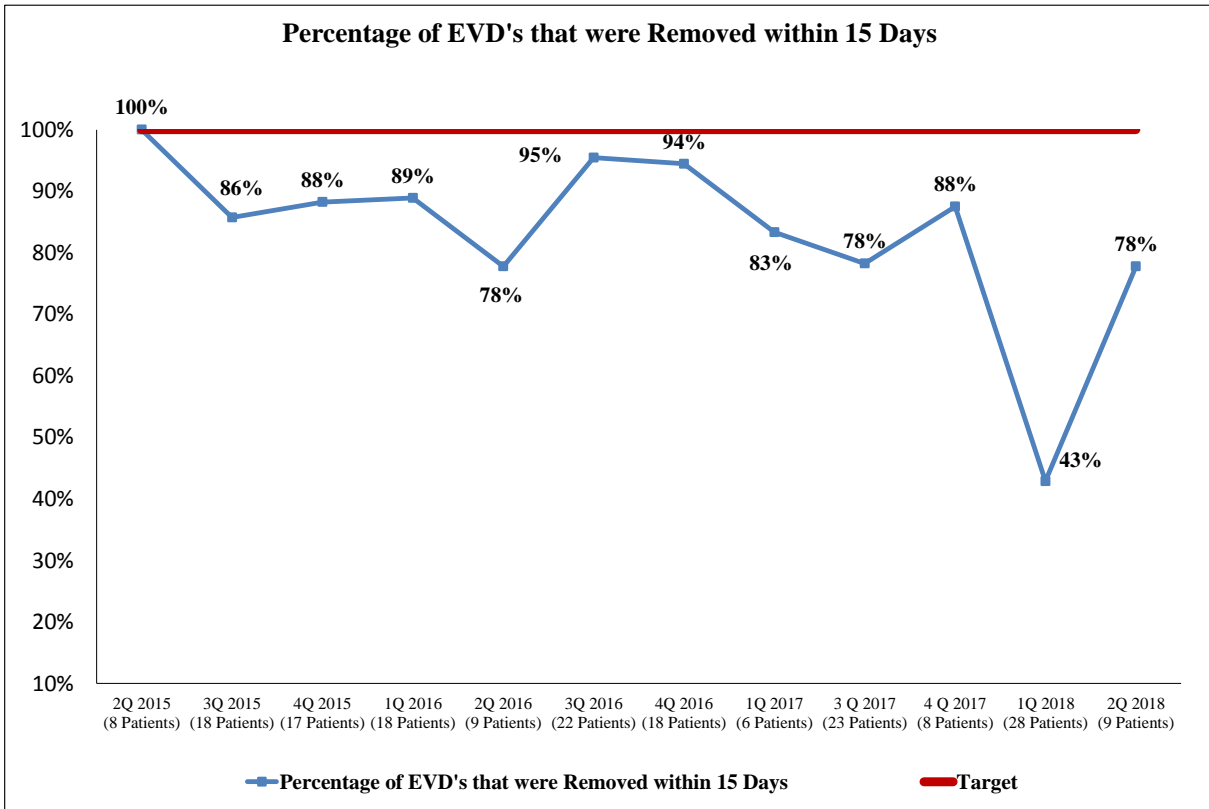
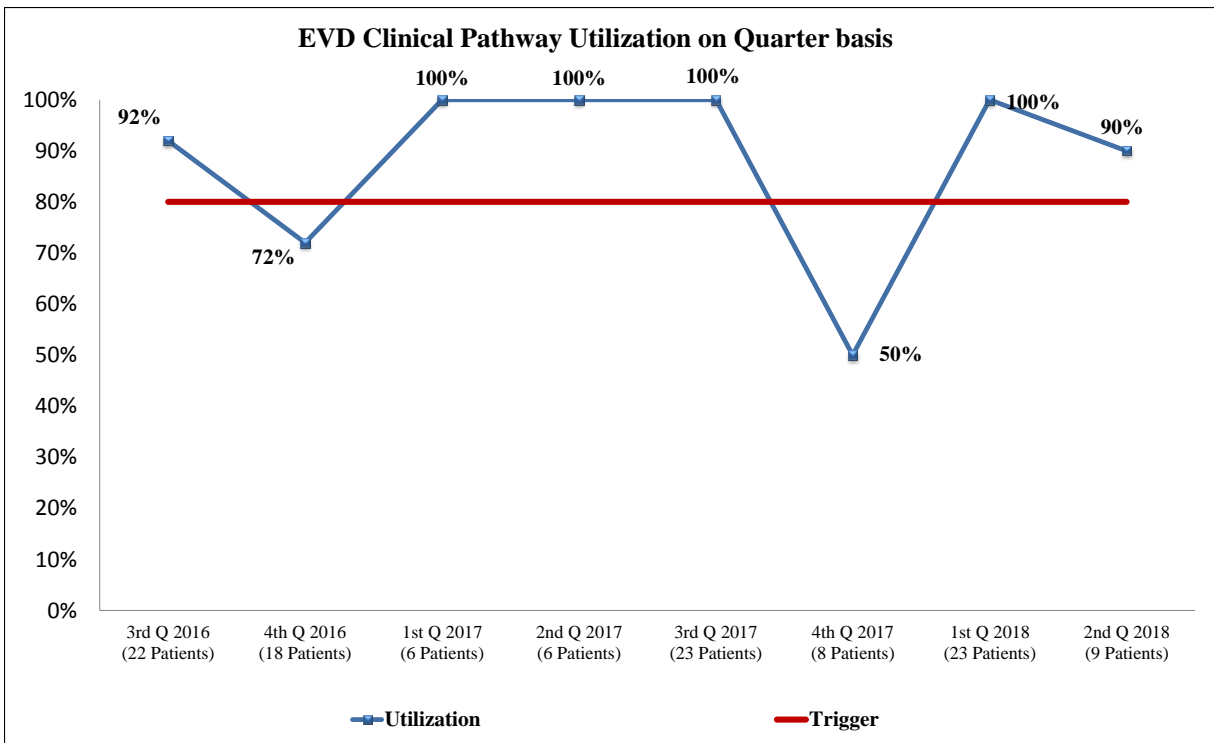






Status of all the Inserted EVD's who were put on the clinical pathway	
Day 3	One (1) EVD was removed
Day 4	One (1) EVD was removed
Day 5	One (1) EVD was removed
Day 7	Two (2) EVD were removed
Day 11	One (1) EVD was removed
Day 12	One (1) EVD was removed
Day 15+	Two(2) EVD were removed





Measure:

The ultimate outcome of this clinical pathway is removal of all EVDs within 15 days (78%).

Findings:

1. This quarter **78%** of the EVDs were removed within 15 days (**n= 7 out of 9 EVD's**)
2. This quarter utilization is **90%**.

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 automated clinical pathway went live since 3 December 2017. Few modifications were requested based on end users' feedback.
4. The initiation of EVD clinical pathway will be limited only to Neurosurgery physician

Recommendations:

1. Physician / Nurse champions to emphasize on the importance of EVD removal within **15 days** from insertion, if patient is Neurologically stable.
2. EVD life span was extended to 15 days instead of 10 based on new evidence; consequently this was reflected in the automated clinical pathway