

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

Clinical Pathway 3rd Quarter Report 2018

Data Collection Period: 1 July 2018-30 September 2018

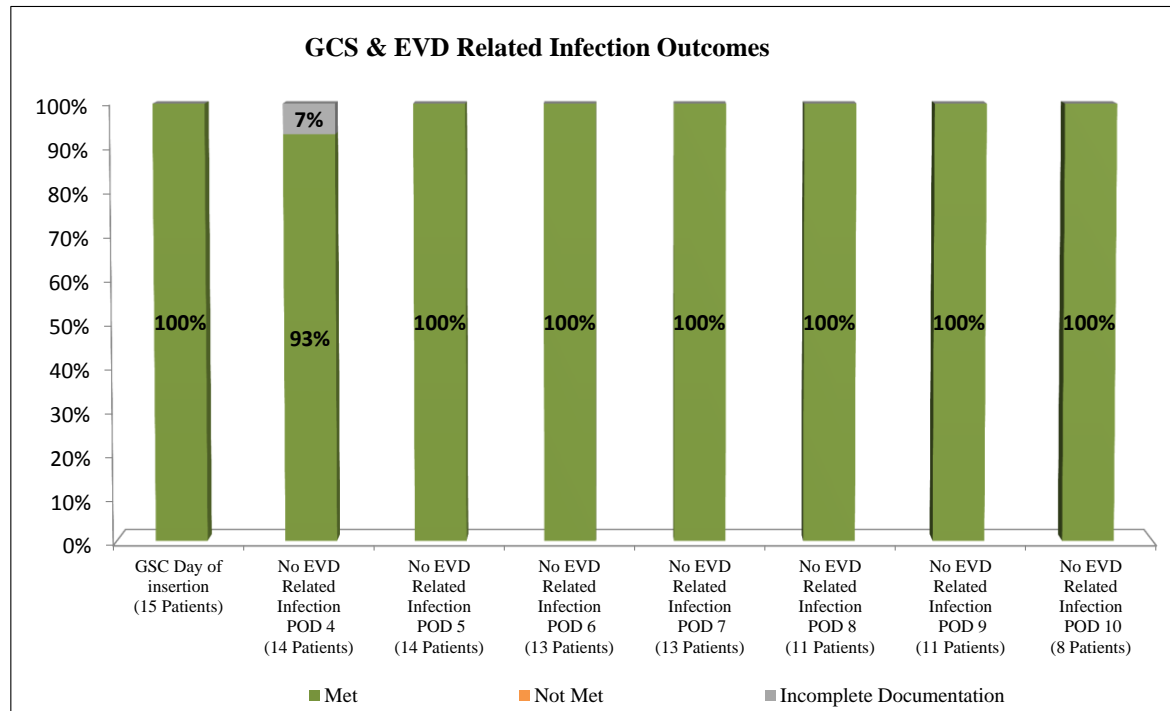
Units using the clinical pathway: C1, SSCU B, MICU C, PICU & A2

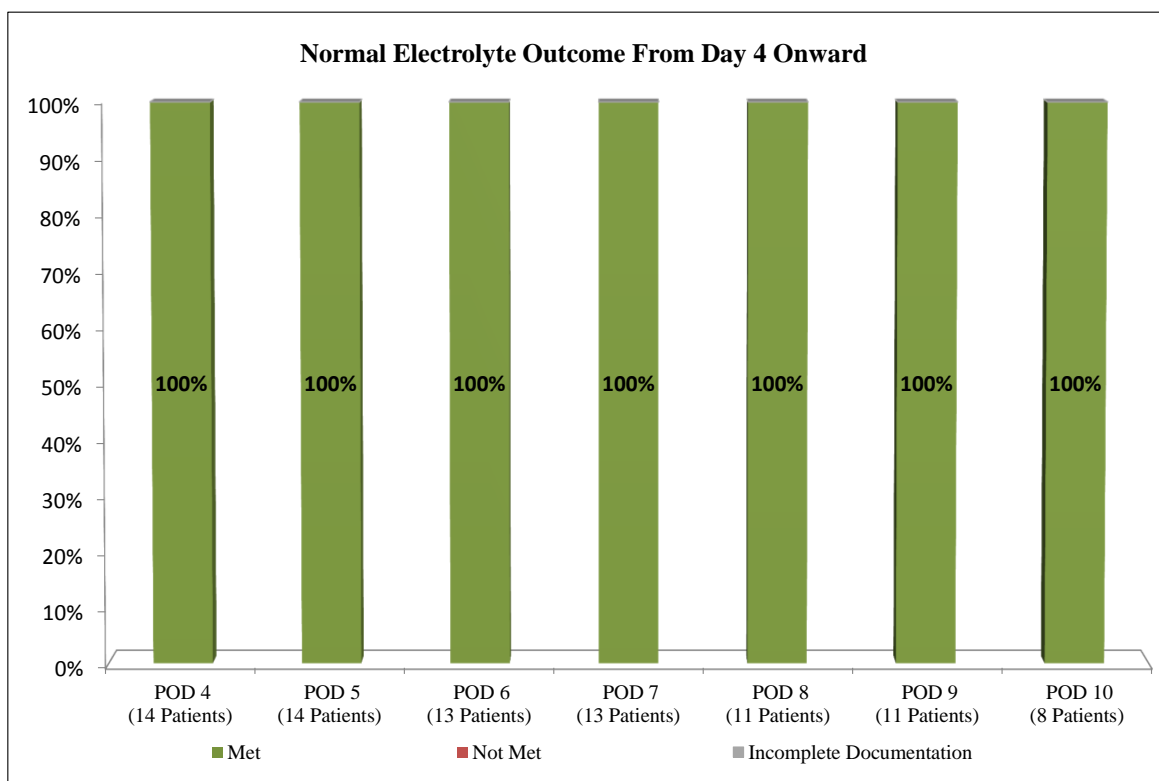
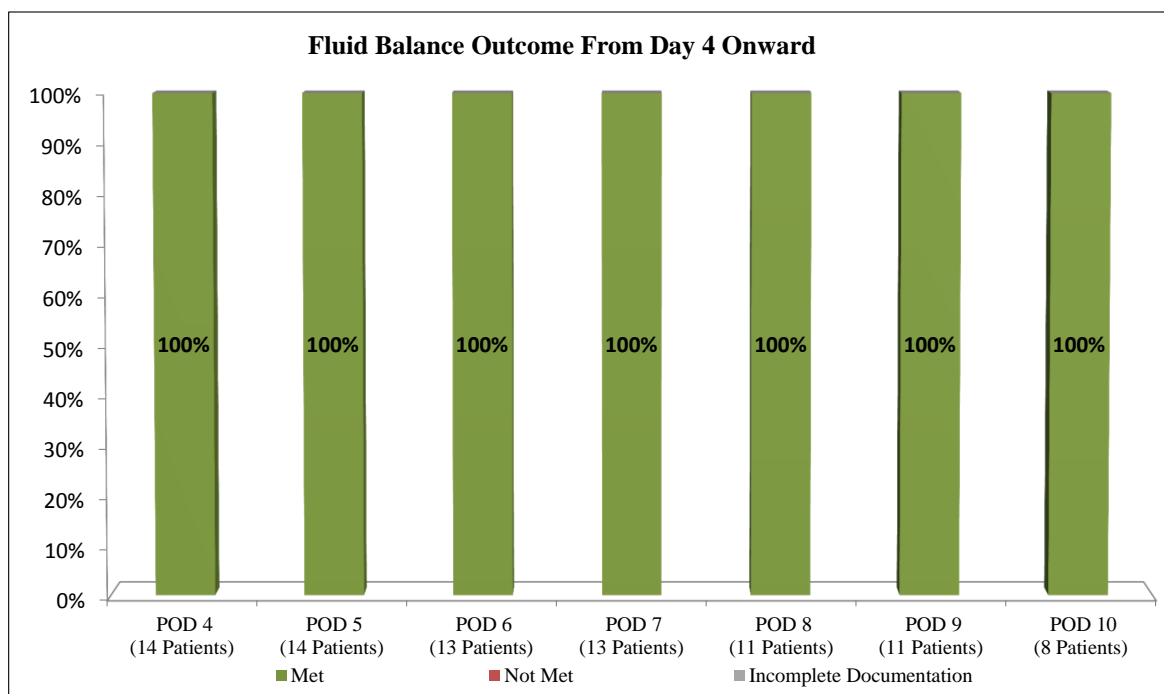
Data Sources: Retrospective review of Clinical Pathways

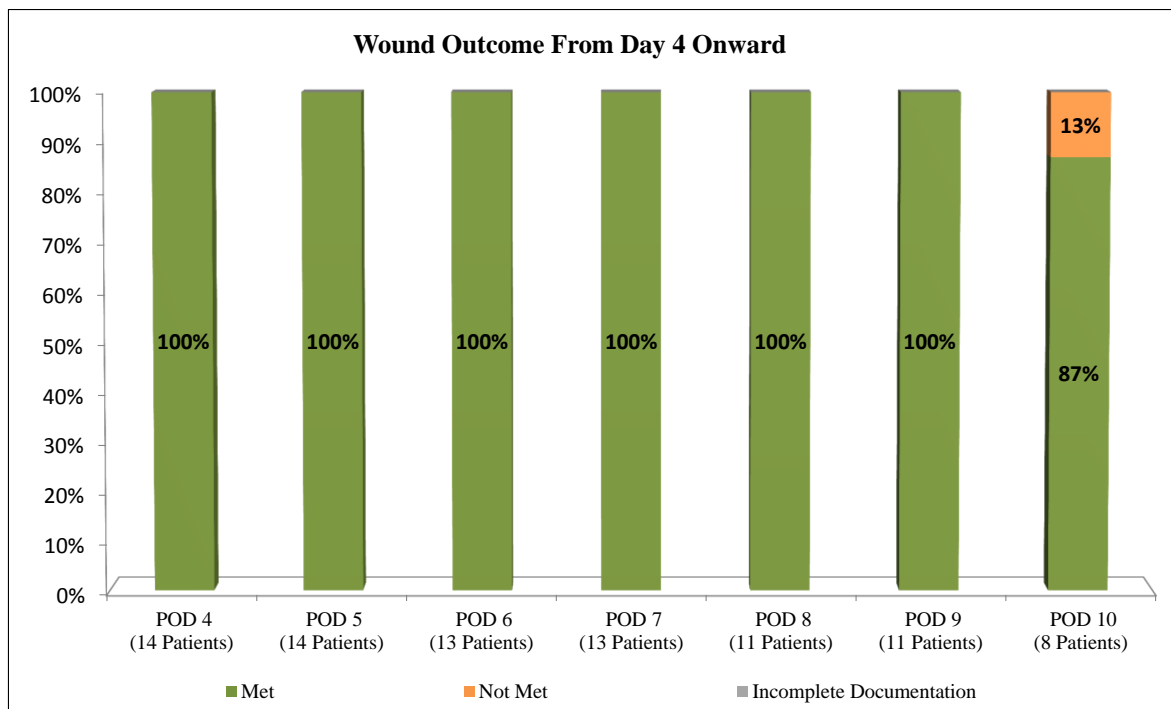
Number of patients who had EVD insertion: 15.

Number of patients managed on the Clinical Pathway: **15 (100%)**.

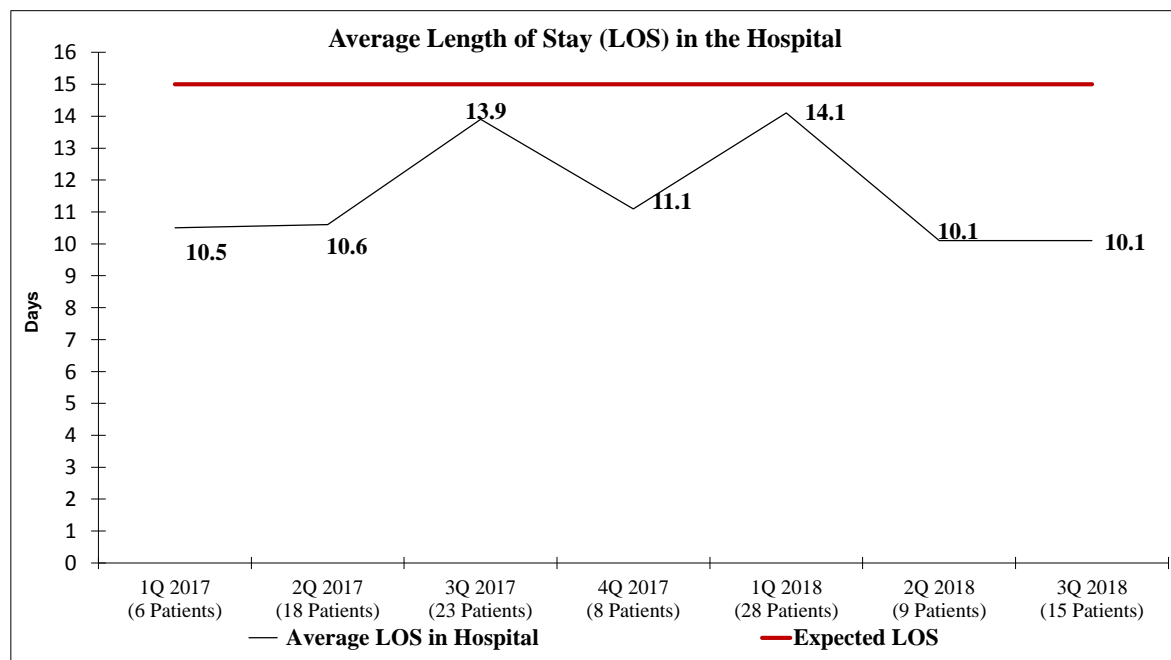
Clinical Pathway Documentation Compliance				
Discipline	No. of Adult Patients	No. of Peds Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	10	5	67%	33%
C1 Nurse (10 Pts)	10	0	90%	10%
A2 (5 Pts)	0	5	80%	20%

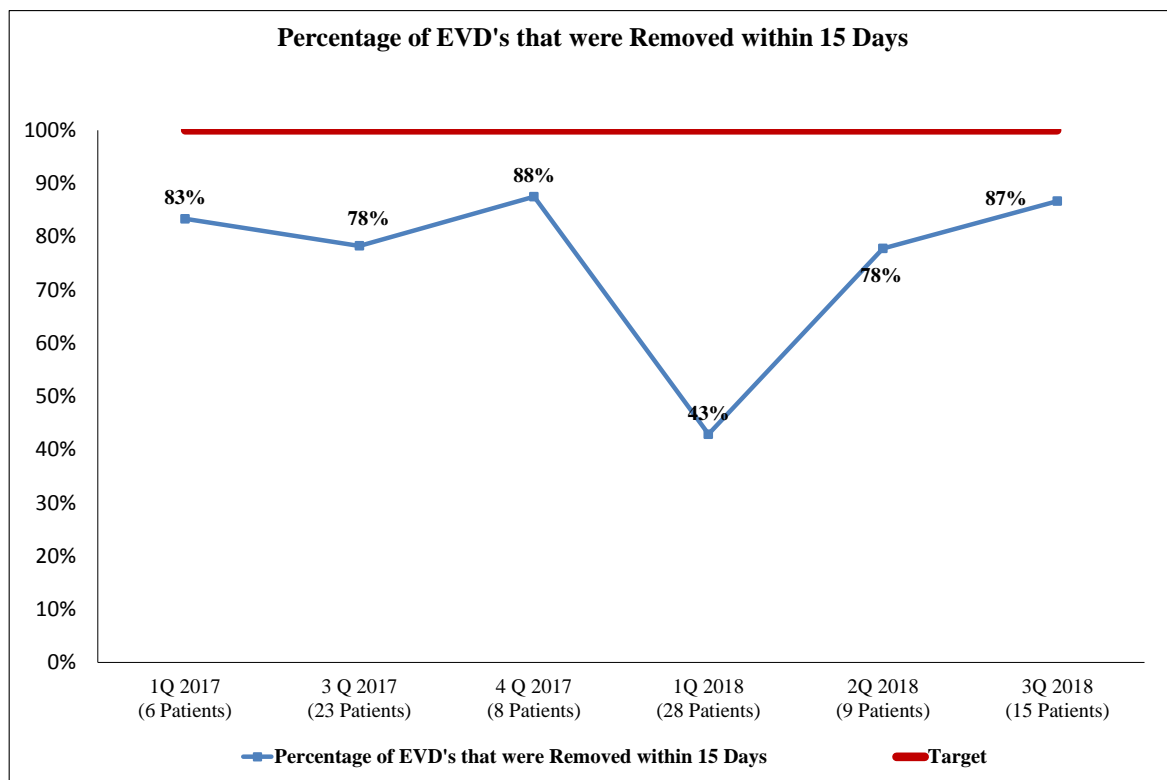
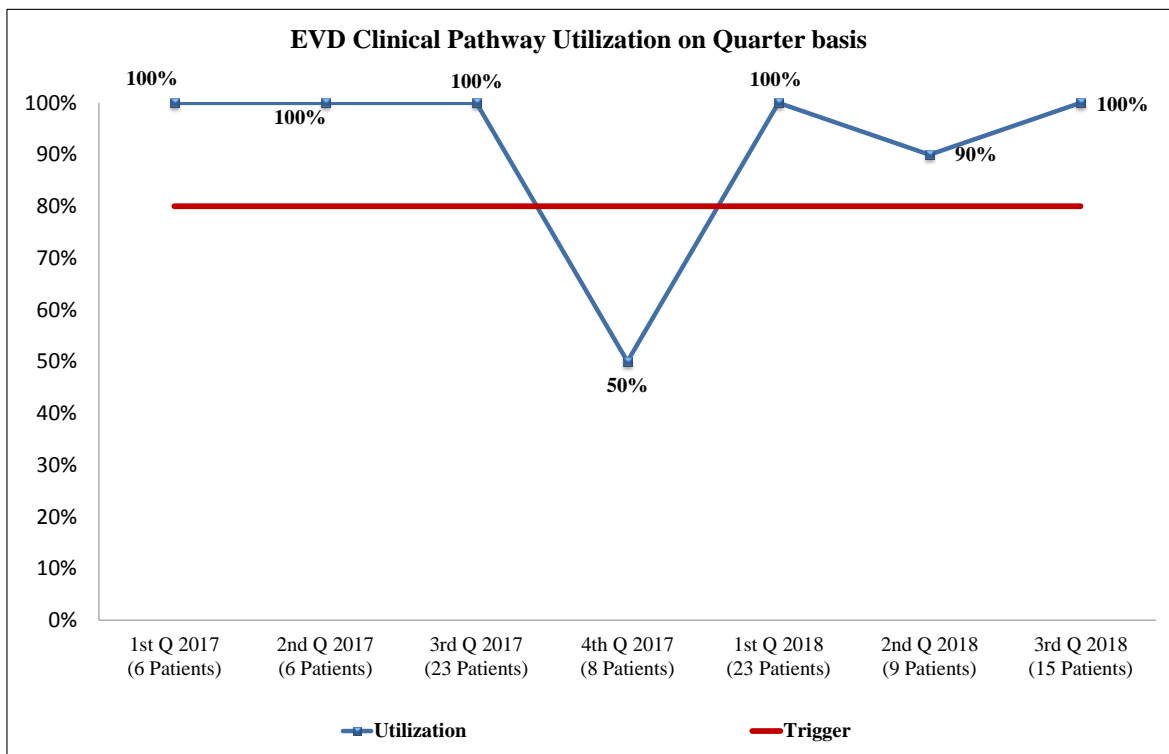






Status of all the Inserted EVD's who were put on the clinical pathway	
Day 2	One (1) EVD was removed
Day 5	One (1) EVD was removed
Day 7	Two (2) EVD were removed
Day 9	Three (3) EVD were removed
Day 11	Two (2) EVD were removed
Day 12	Two (2) EVD were removed
Day 13	Two (2) EVD were removed
Day 15+	Two(2) EVD were removed





**Measure:**

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

**Findings:**

1. This quarter 87% of the EVDs were removed within 15 days (**n= 13 out of 15 EVD's**)
2. This quarter utilization is **100%**.

**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 physicians

**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