



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

Clinical Pathway 1st Quarter Report 2018

Data Collection Period: 13 December 2017 - 31 March 2018

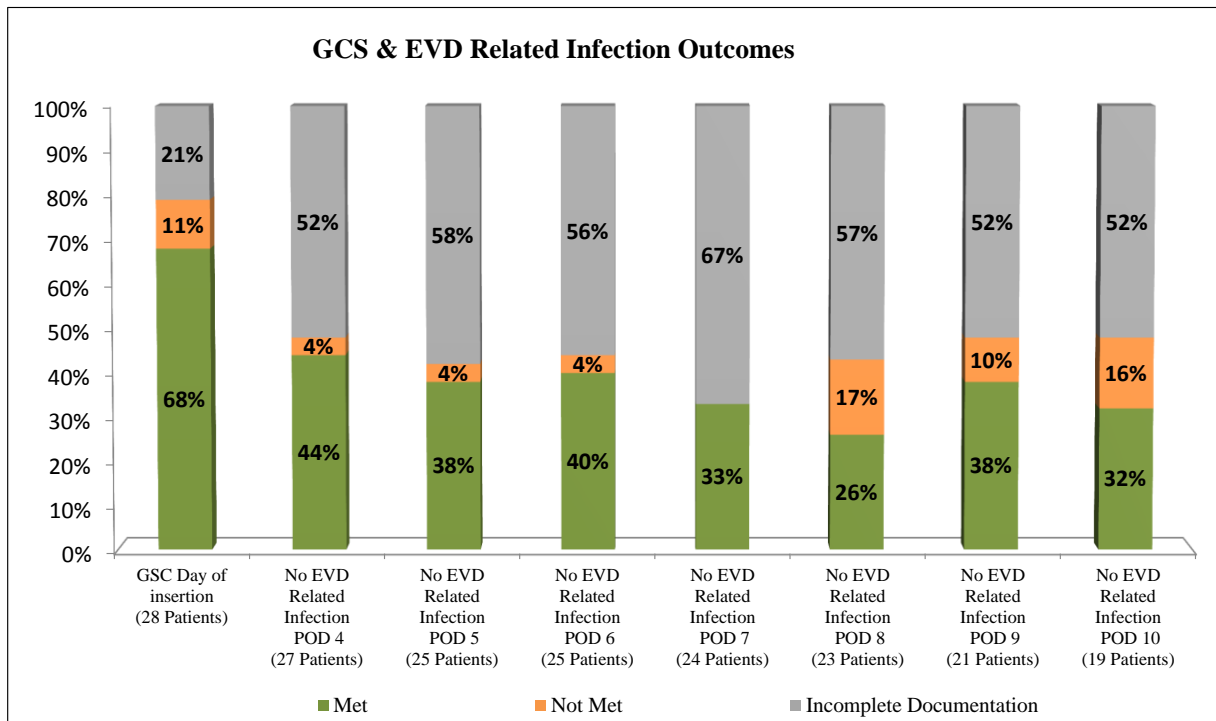
Units using the clinical pathway: C1, SSCU B, MICU C, PICU & A2

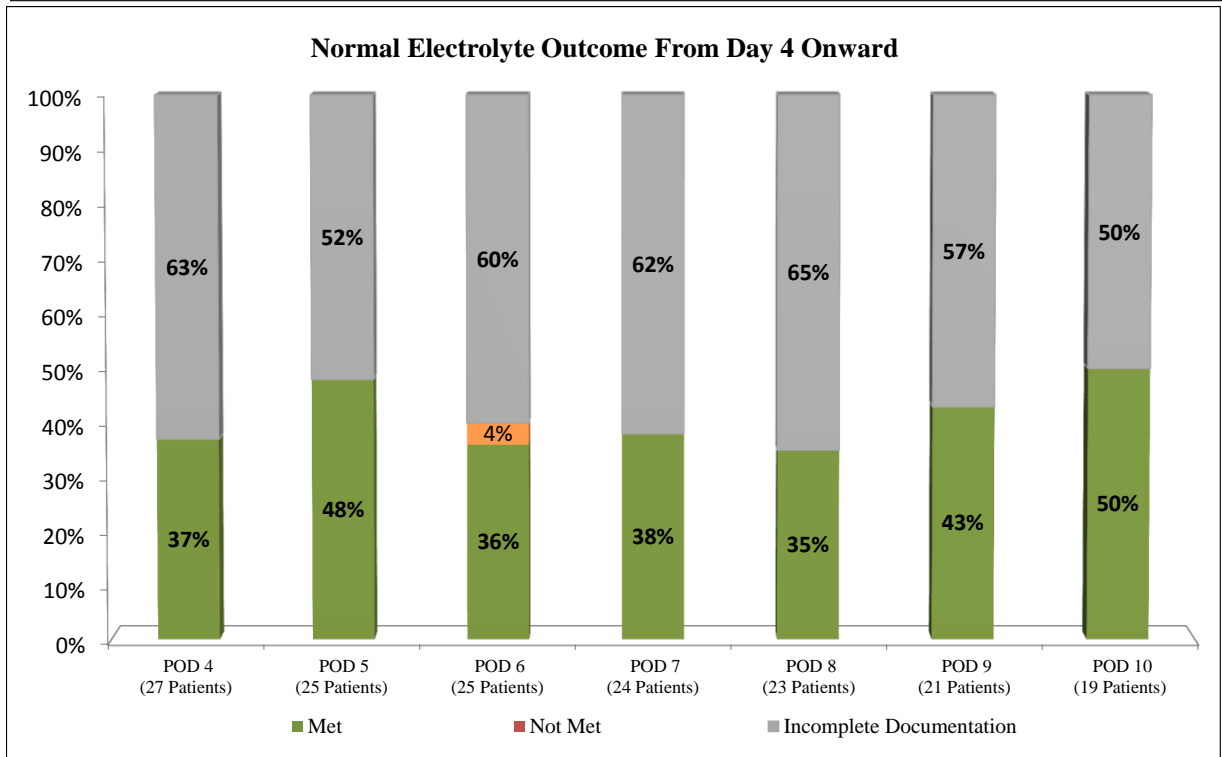
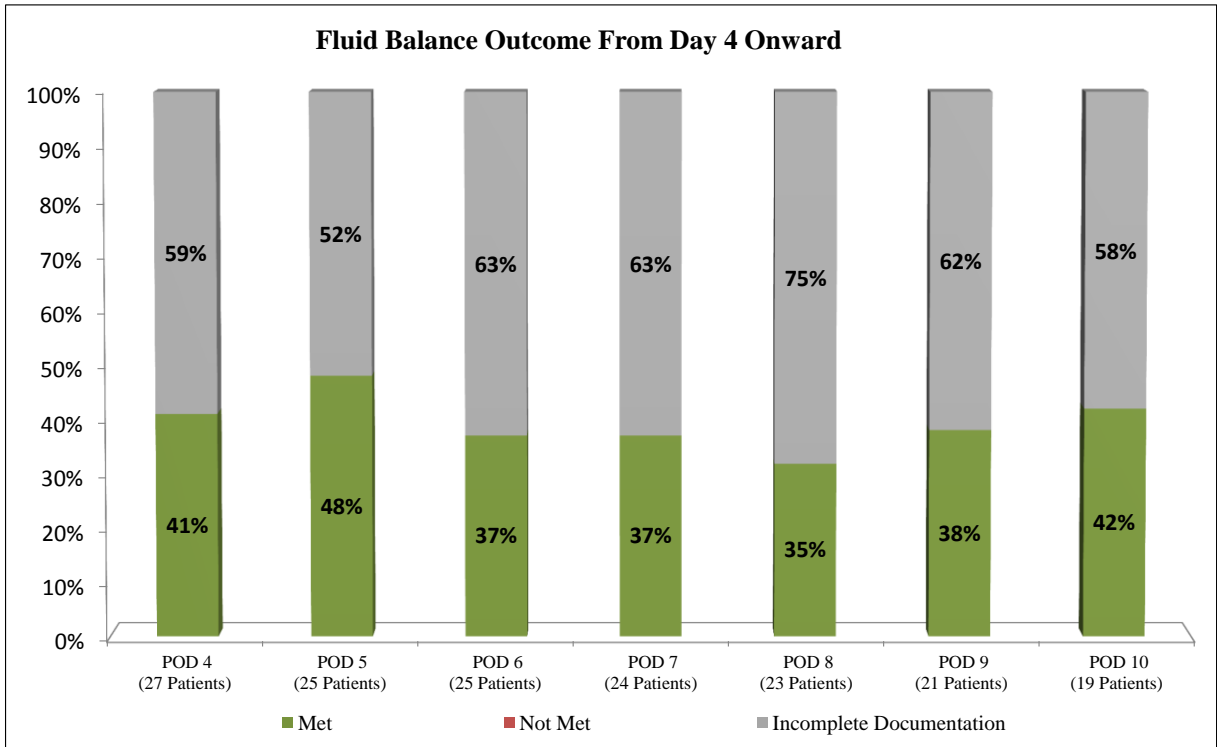
Data Sources: Retrospective review of Clinical Pathways

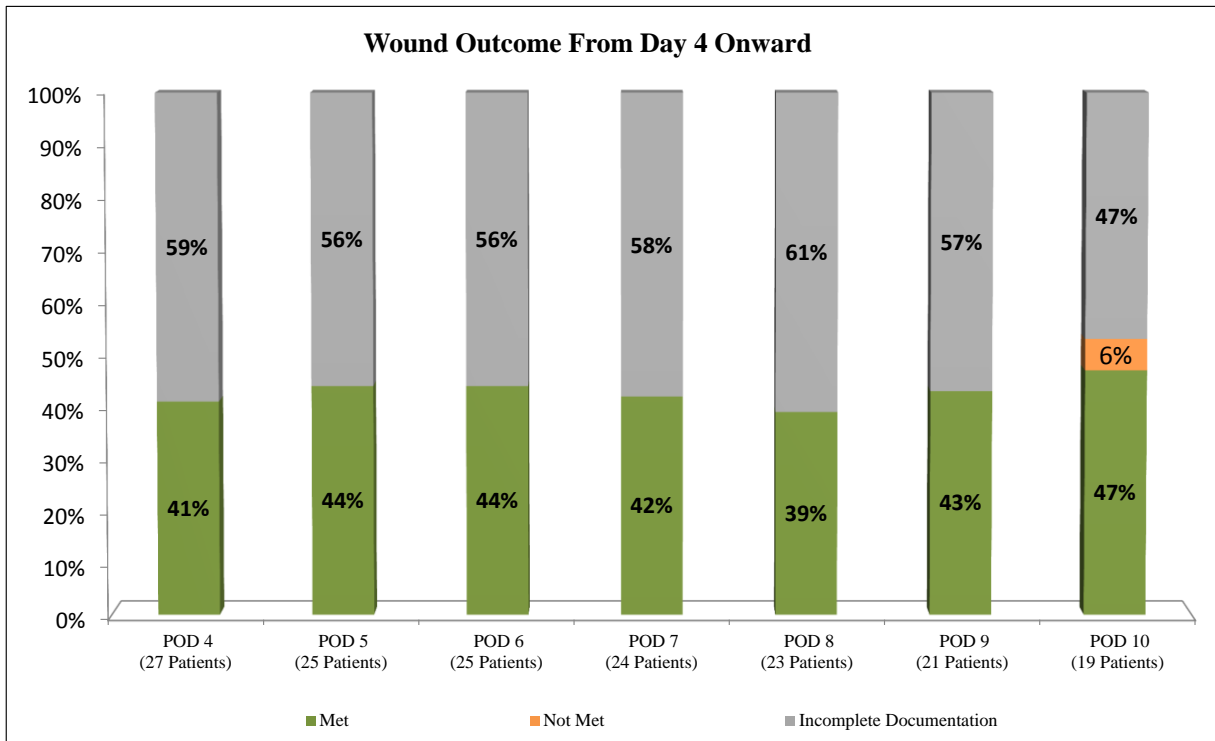
Number of patients who had EVD insertion: 28

Number of patients managed on the Clinical Pathway: **28 (100%)**.

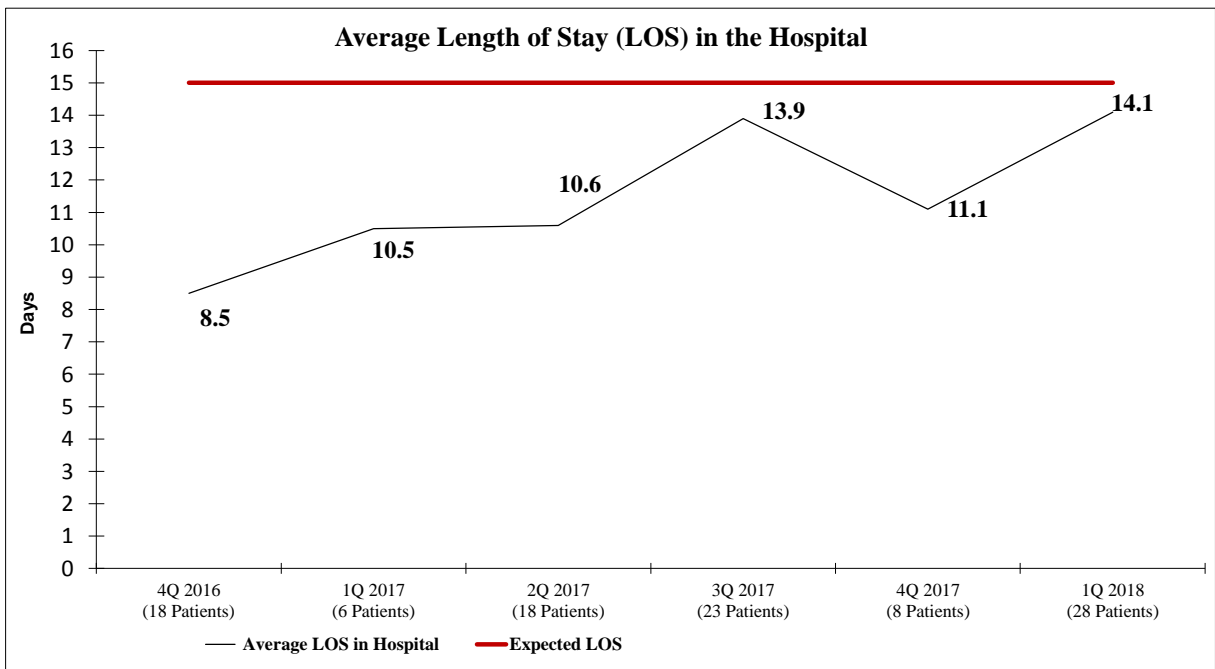
Clinical Pathway Documentation Compliance				
Discipline	No. of Adult Patients	No. of Peds Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	21	7	31%	69%
C1 Nurse	12	1	75%	25%
PICU Nurse	0	2	80%	20%
A2	0	4	25%	75%
MSIC-C	2	0	50%	50%
SSCU-B Nurse	7	0	59%	41%

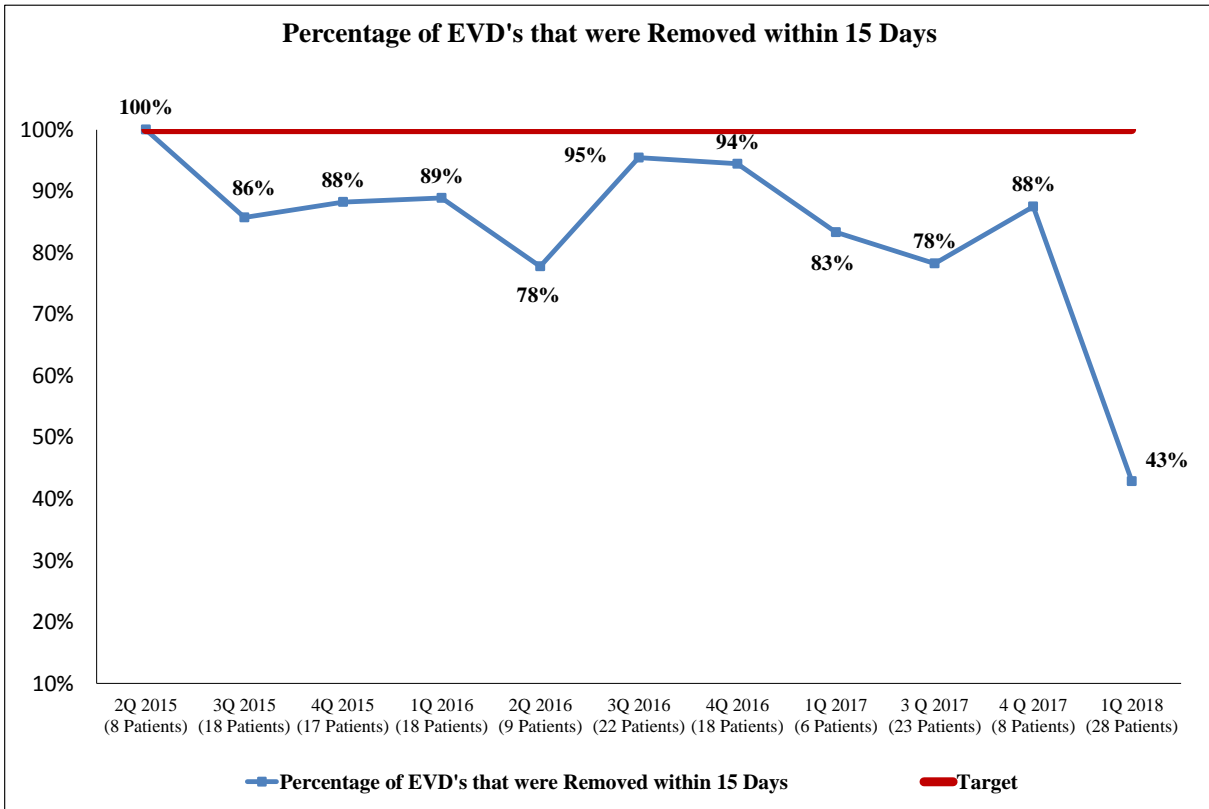
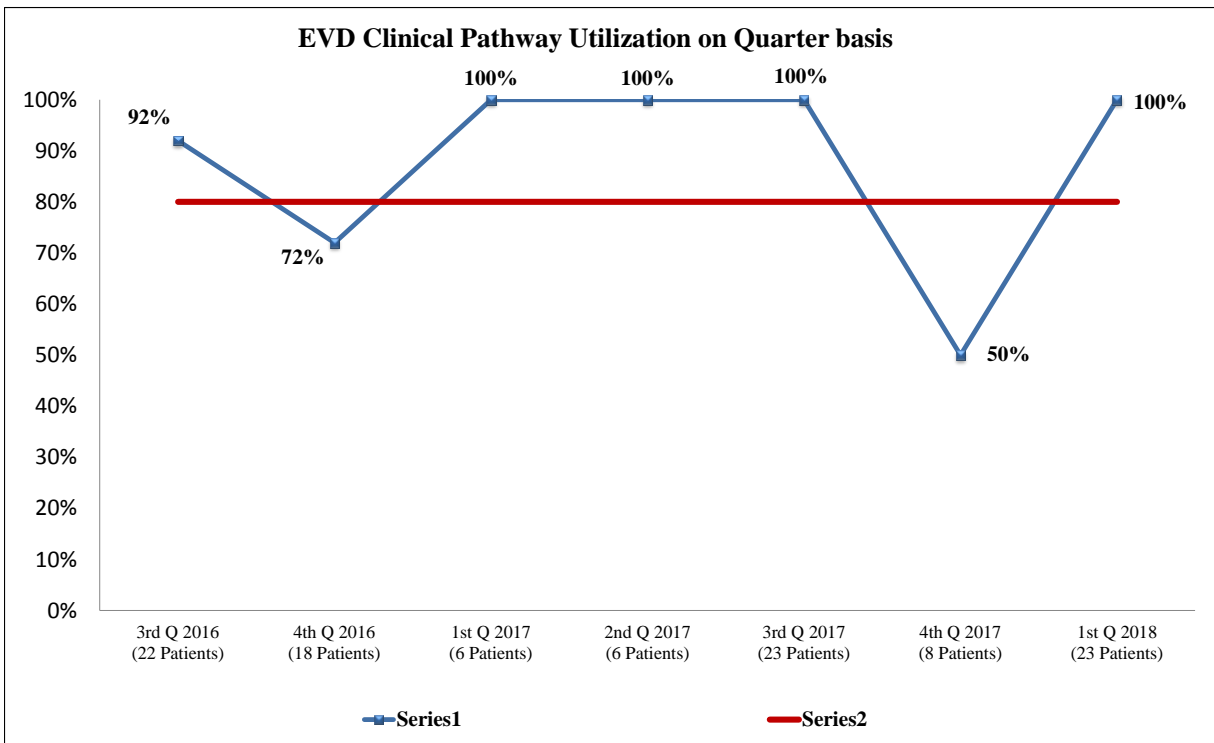






Status of all the Inserted EVD's who were put on the clinical pathway	
Day 4	Three (3) EVD were removed
Day 6	One (1) EVD was removed
Day 7	One (1) EVD was removed
Day 8	One (1) EVD was removed
Day 9	Three (3) EVD were removed
Day 14	Three (3) EVD were removed
Day 15+	Fourteen (14) EVD were removed





**Measure:**

The ultimate outcome of this clinical pathway is **(100%)** removal of all EVDs within 15 days.

**Findings:**

1. This quarter **43%** of the EVDs were removed within 15 days (**n= 12 out of 28 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.
4. The initiation for EVD clinical pathway will be limited only by 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, it has been reflected during the automation of this clinical pathway