

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

Clinical Pathway 2nd Quarter Report 2020

Data Collection Period: 01 April 2020- 30 June 2020.

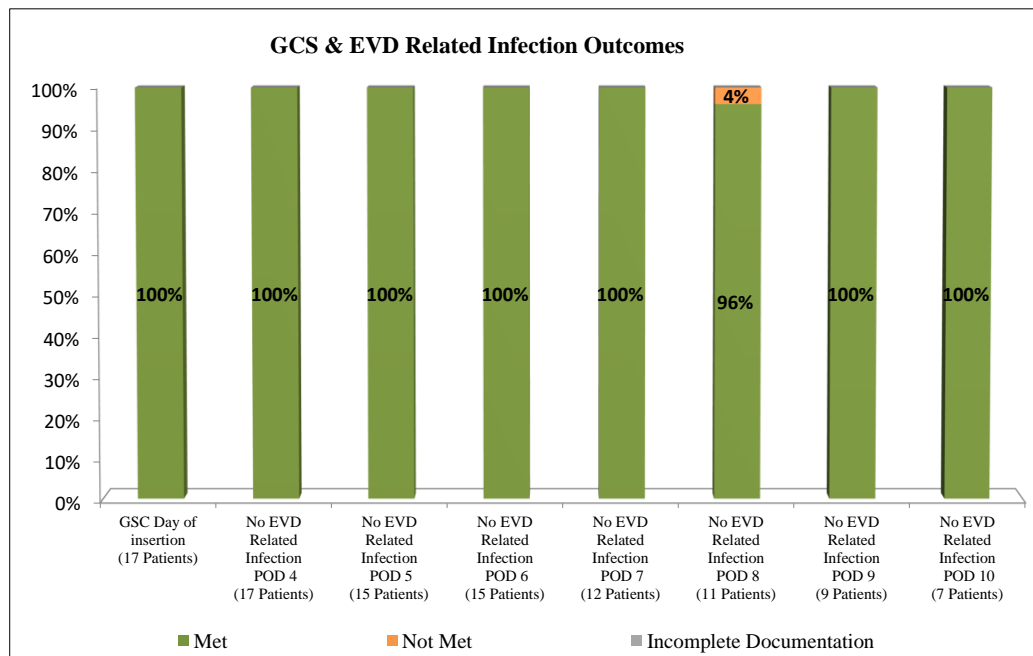
Units using the clinical pathway: C1, MICU -L9, MICU -L10, PICU & A2

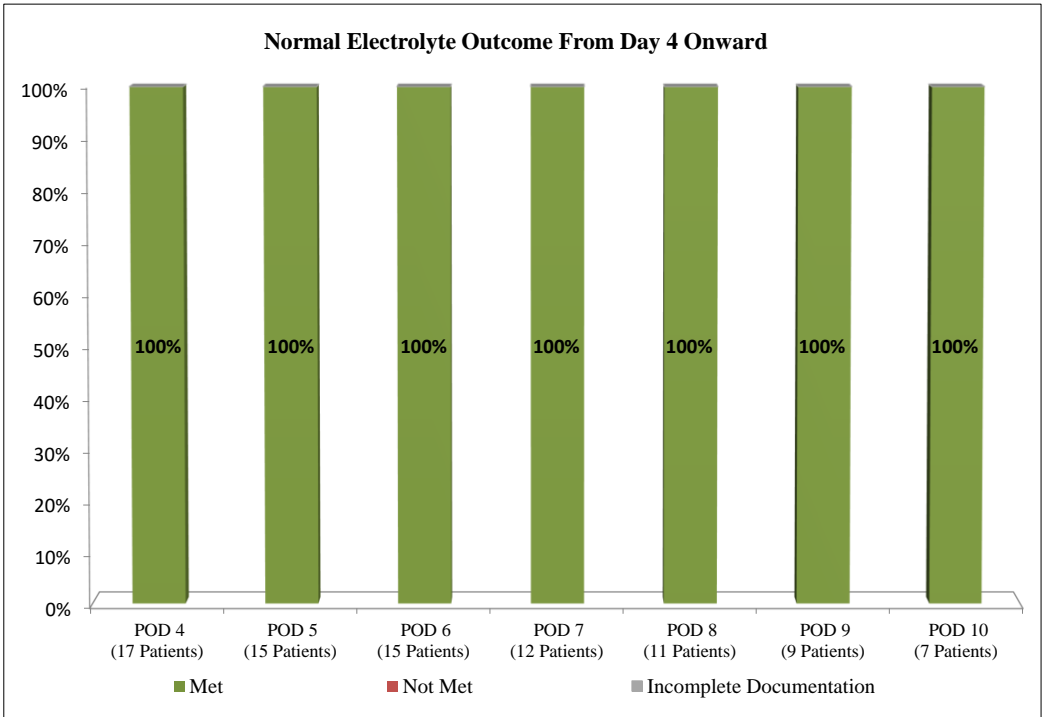
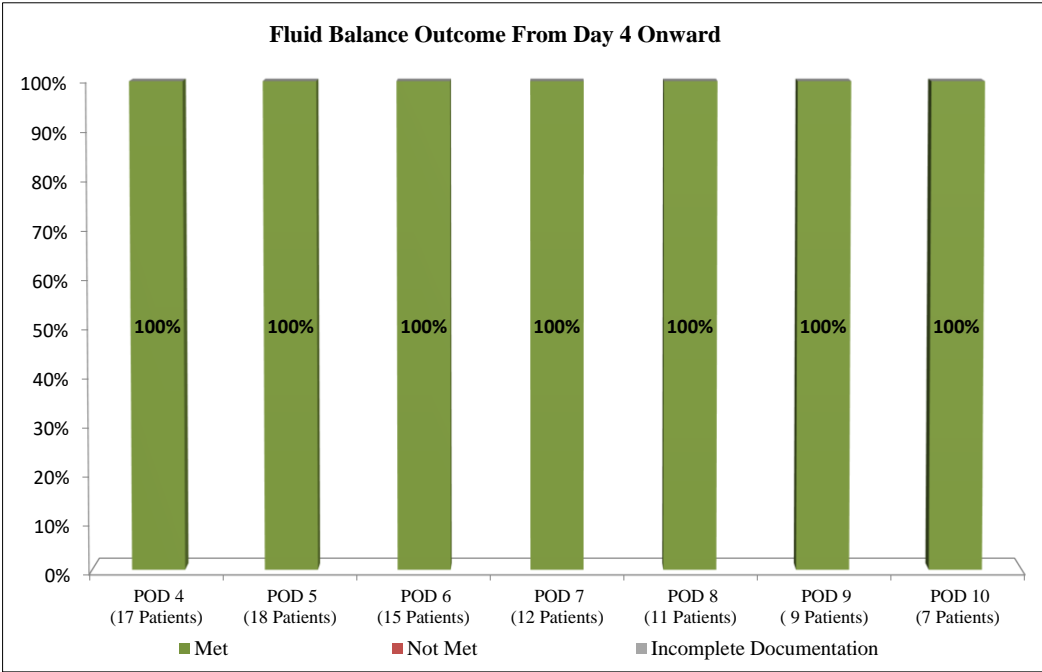
Data Sources: Retrospective review of Clinical Pathways

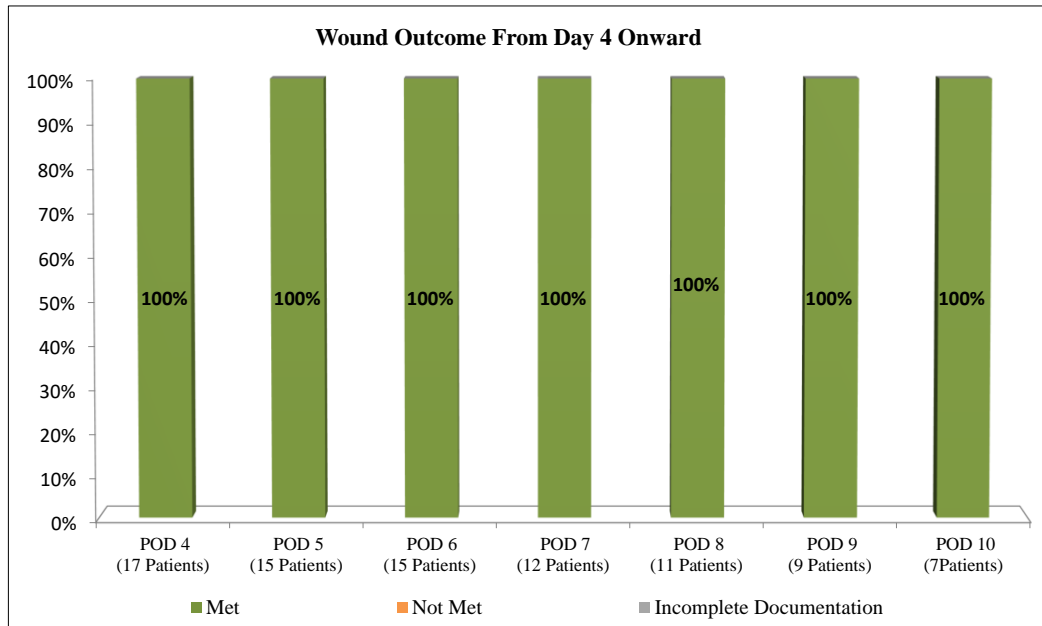
Number of patients who had EVD insertion: 17.

Number of patients managed on the Clinical Pathway: 17 (100%).

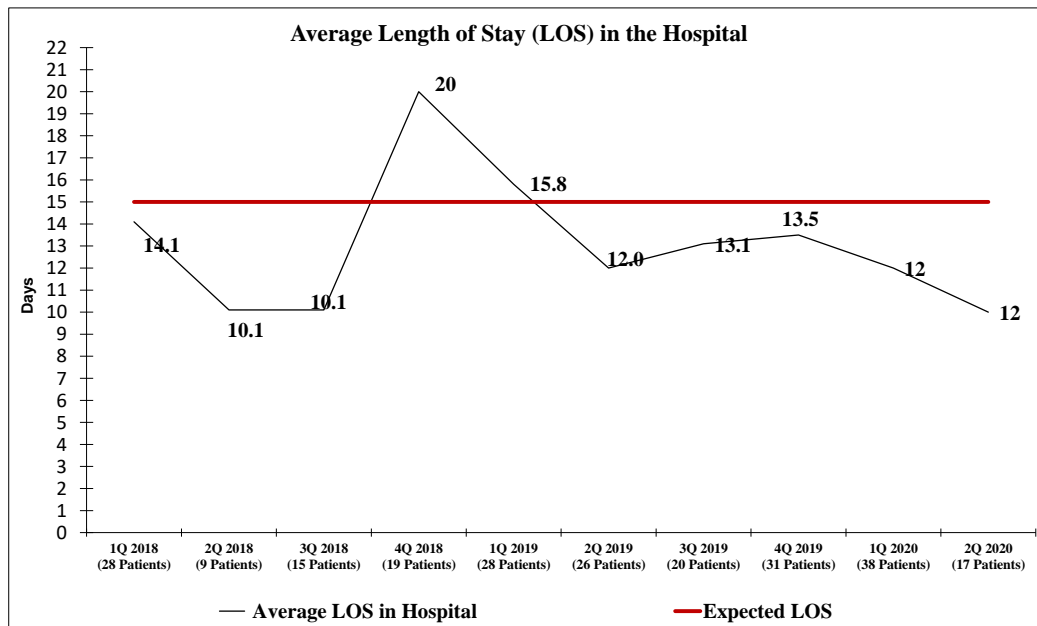
Clinical Pathway Documentation Compliance				
Discipline	No. of Adult Patients	No. of Peds Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	13	4	90%	10%
C1 Nurse	9	2	95%	5%
L9-MICU Nurse	2	0	100%	0%
PICU Nurse	0	2	100%	0%
A2 Nurse	0	2	90%	10%

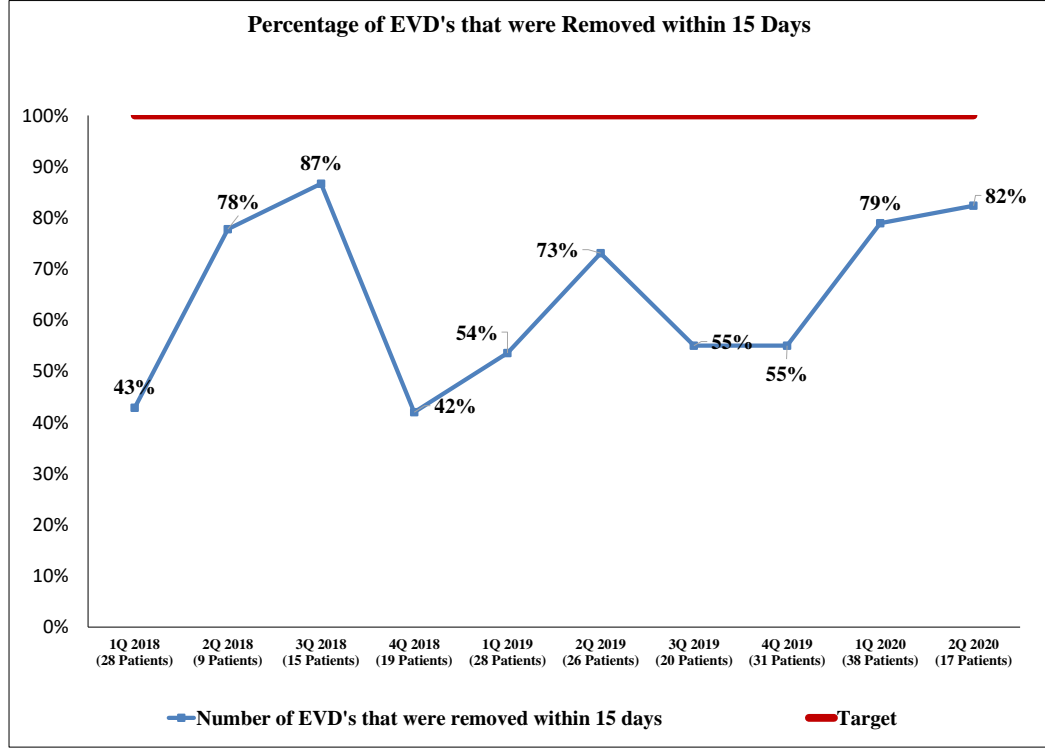
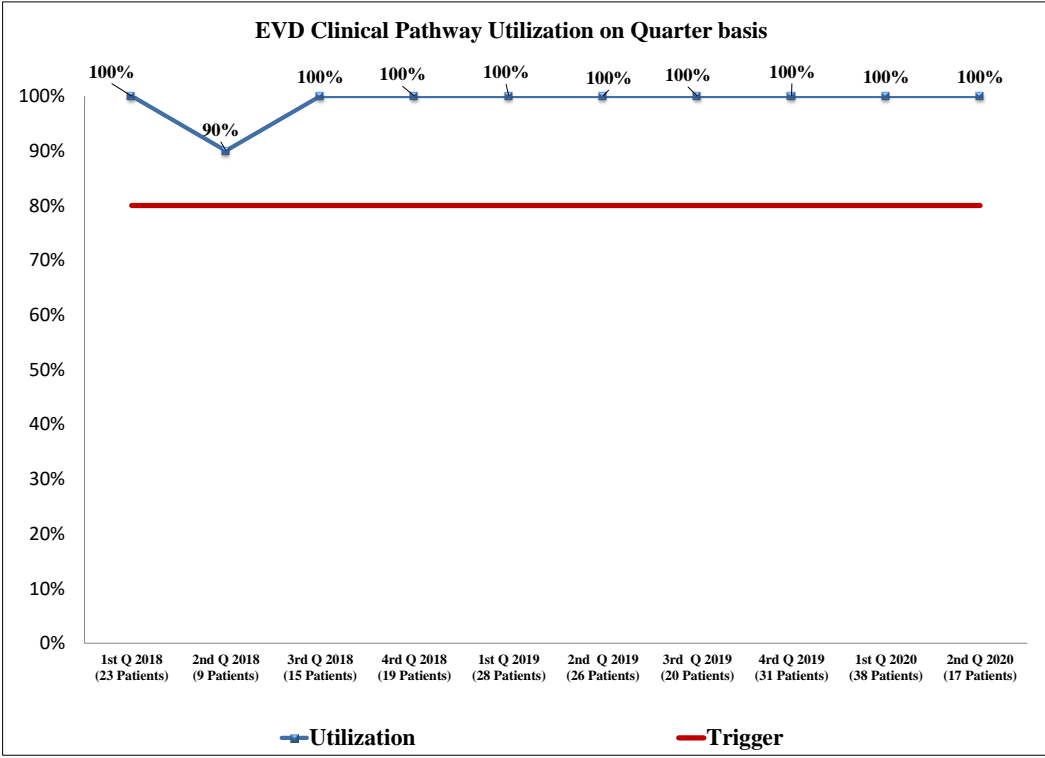






Status of all the Inserted EVD's who were put on the clinical pathway	
Day 5	Two (2) EVD were removed
Day 7	Three (3) EVD were removed
Day 8	One (1) EVD was removed
Day 9	Two (2) EVD were removed
Day 10	Two (2) EVD were removed
Day 11	One (1) EVD was removed
Day 15	Three (3) EVD were removed
Day 15+	Three (3) EVD were removed





**Measure:**

The ultimate outcome of this clinical pathway is removal of all EVDs within 15 days

**Findings:**

1. This quarter **82% of the EVDs were removed within 15 days (n= 14 out of 17 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 initiation of EVD clinical pathway will be limited only to Neurosurgery physicians
4. The EVD life span is now exceeding 15 days; A verbal communication with the EVD MD CP Coordinator supported this practice based on newly and current evidence as long as no infection is encountered; this will be reflected in the next due revision of the pathway Q2 2020.

**Recommendations:**

1. Physician / Nurse champions to emphasize on the importance of EVD removal within **15 days** from insertion, if patient is Neurologically stable.