

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

Clinical Pathway 3rd Quarter Report 2021

Data Collection Period: 01 July 2021- 30 September 2021.

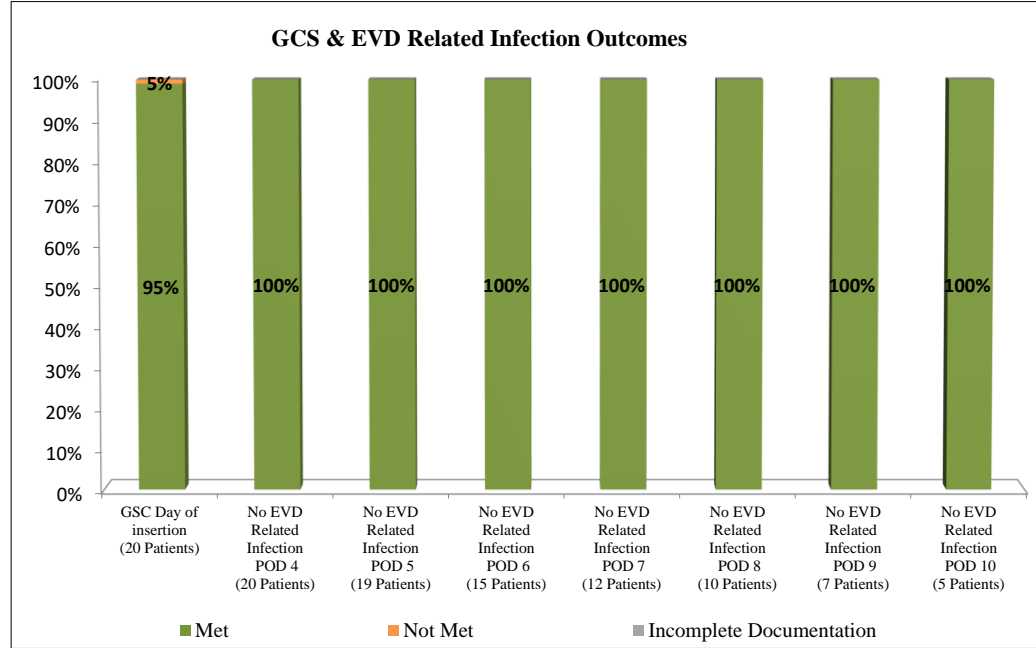
Units using the clinical pathway: C1, MICU -L9, MICU -L10, PICU & A2

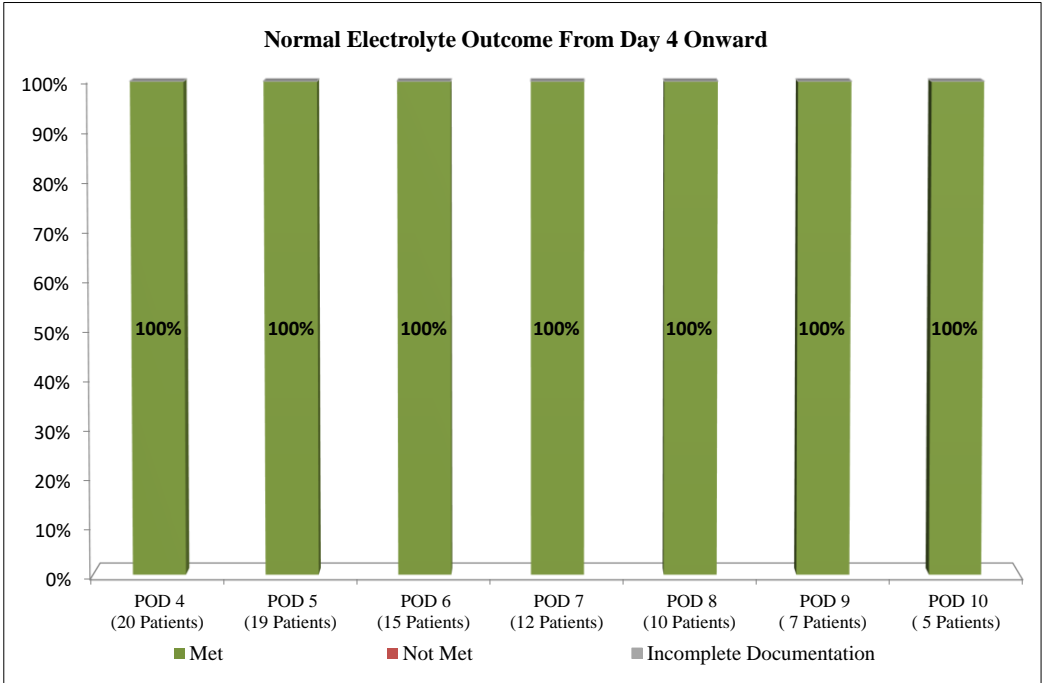
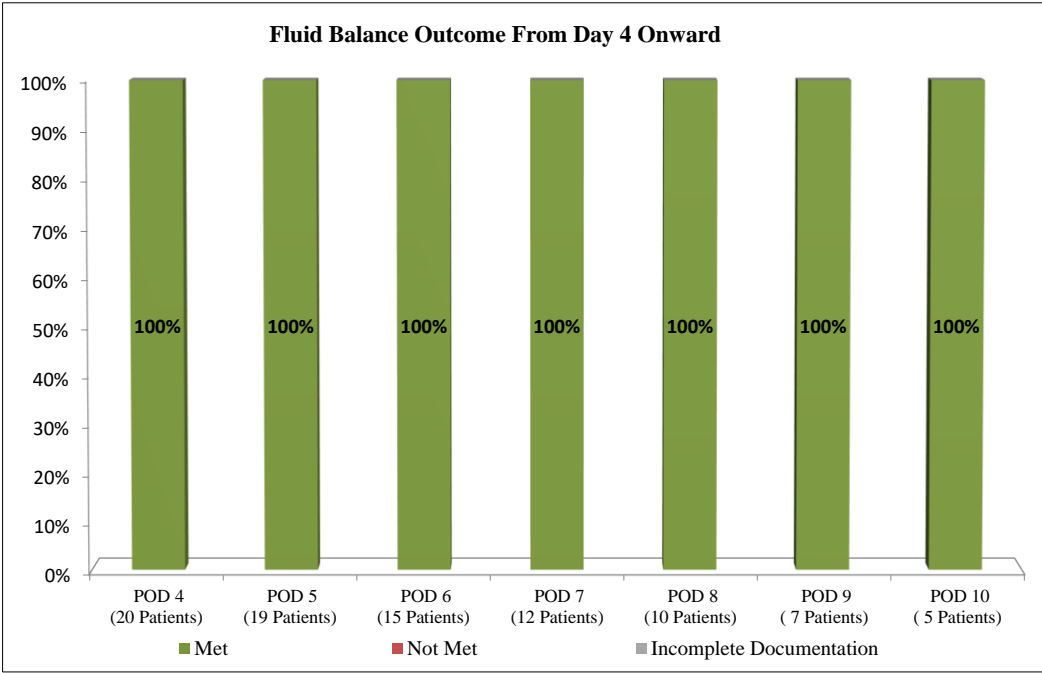
Data Sources: Retrospective review of Clinical Pathways

Number of patients who had EVD insertion: 21.

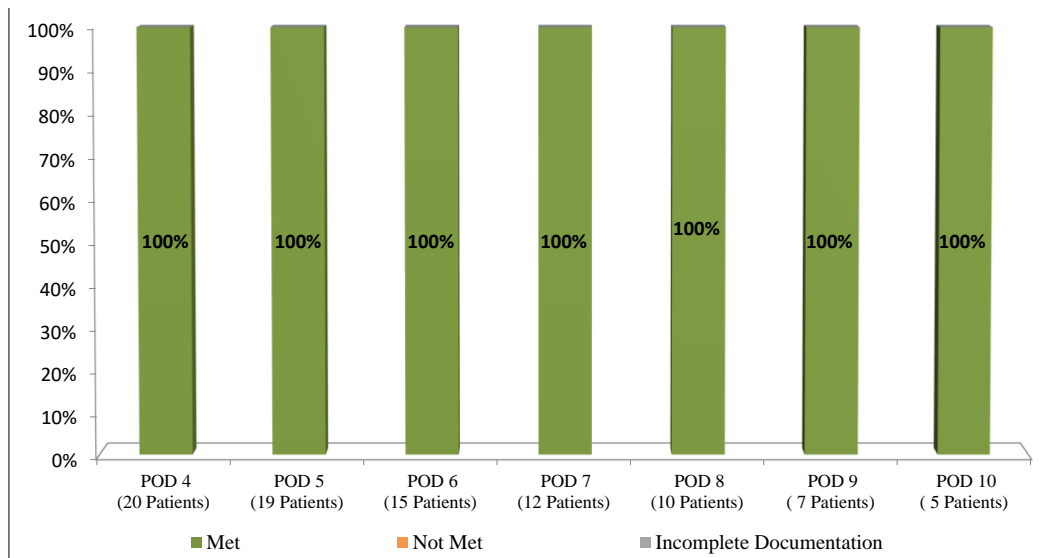
Number of patients managed on the Clinical Pathway: 21 (100%).

Clinical Pathway Documentation Compliance				
Discipline	No. of Adult Patients	No. of Peds Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	13	8	90%	10%
C1 Nurse	8	4	100%	0%
PICU	0	2	100%	0%
MICU-L9	3	0	100%	0%
MICU-L10	2	0	100%	0%
A2 Nurse	0	2	90%	10%

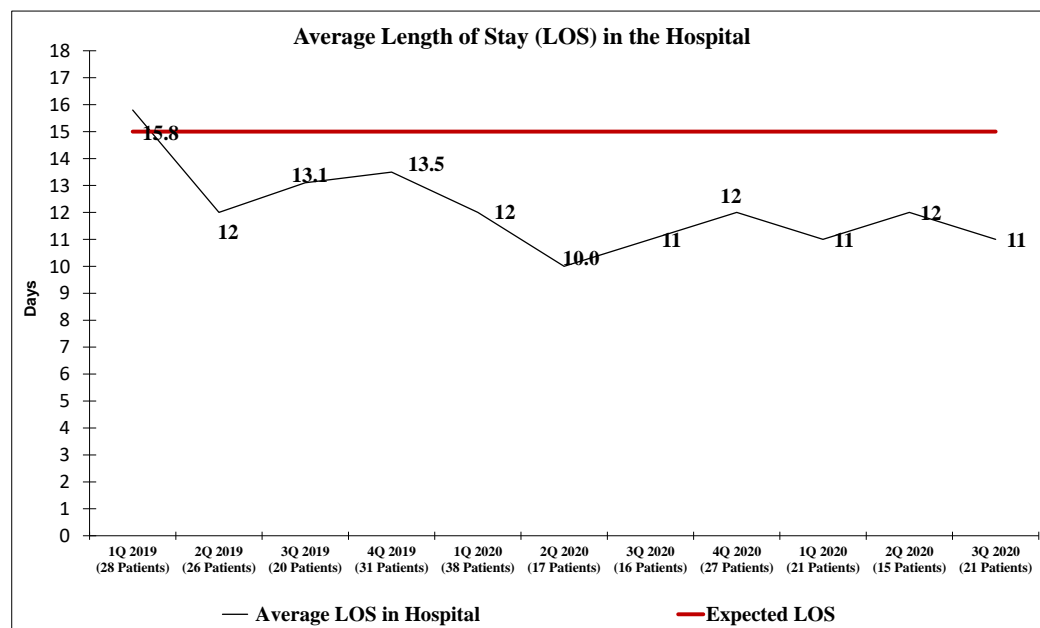


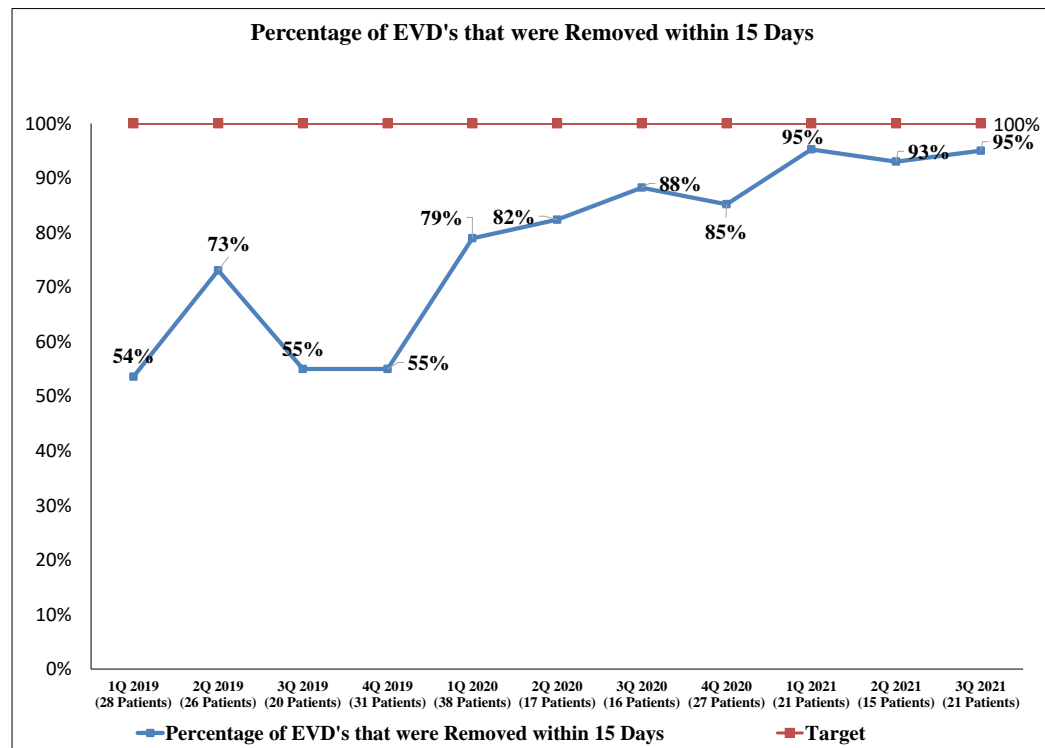
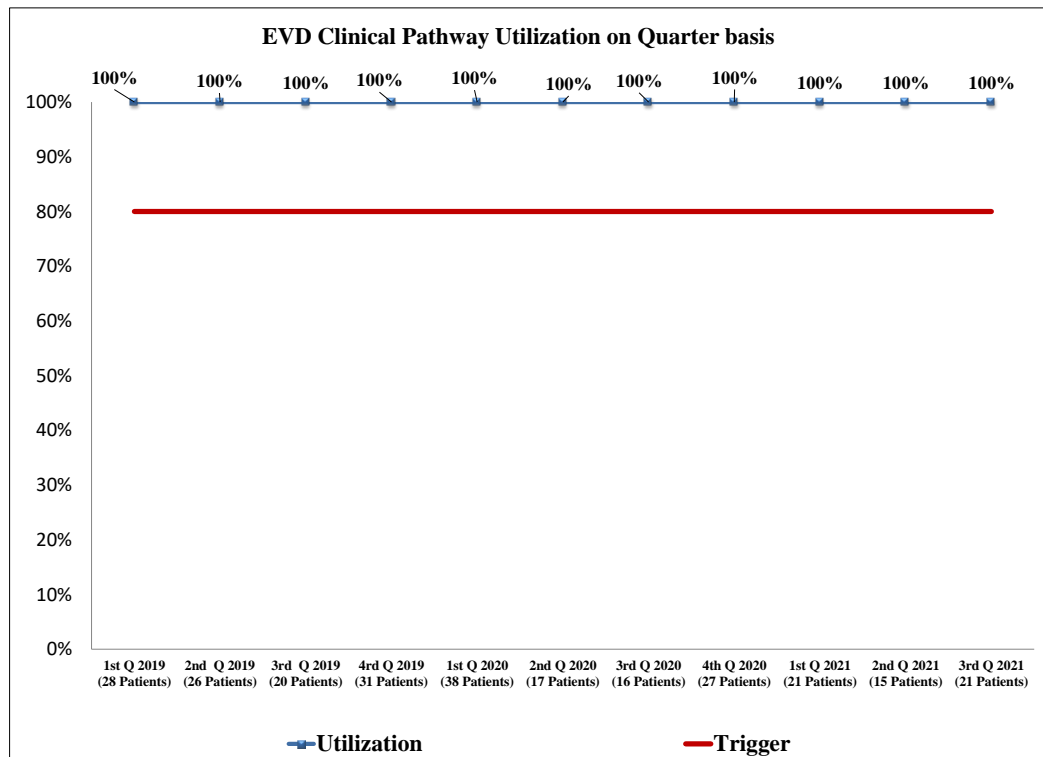


**Wound Outcome From Day 4 Onward**



Status of all the Inserted EVD's who were put on the clinical pathway	
Day 4	One (1) EVD was removed
Day 5	One (1) EVD was removed
Day 6	Four (4) EVD were removed
Day 7	Three (3) EVD were removed
Day 8	Two (2) EVD were removed
Day 9	Three (3) EVD were removed
Day 10	Two (2) EVD were removed
Day 12	Three (3) EVD were removed
Day 15	One (1) EVD was removed
Day 15+	One (1) EVD was removed





**Measure:**

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

**Findings:**

1. This quarter 95% of the EVDs were removed within 15 days (n= 20 out of 21 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 by only one or two days with 95% removal within 15 days; and this was based on an agreed upon action plan post the spike that happened in the 2Q 2020.

**Recommendations:**

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