



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

Clinical Pathway 4th Quarter Report 2017

Data Collection Period: 01October 2017 - 13 December 2017

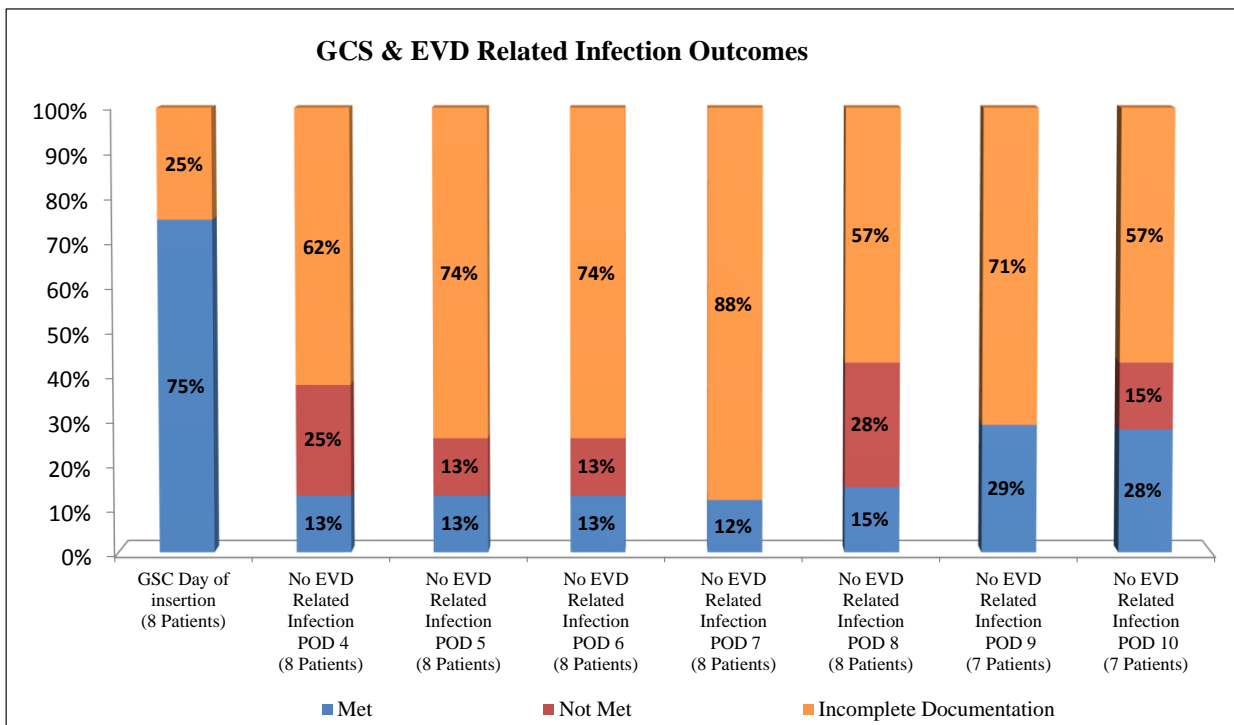
Units using the clinical pathway: C1, SSCU B, MICU C, PICU & A2

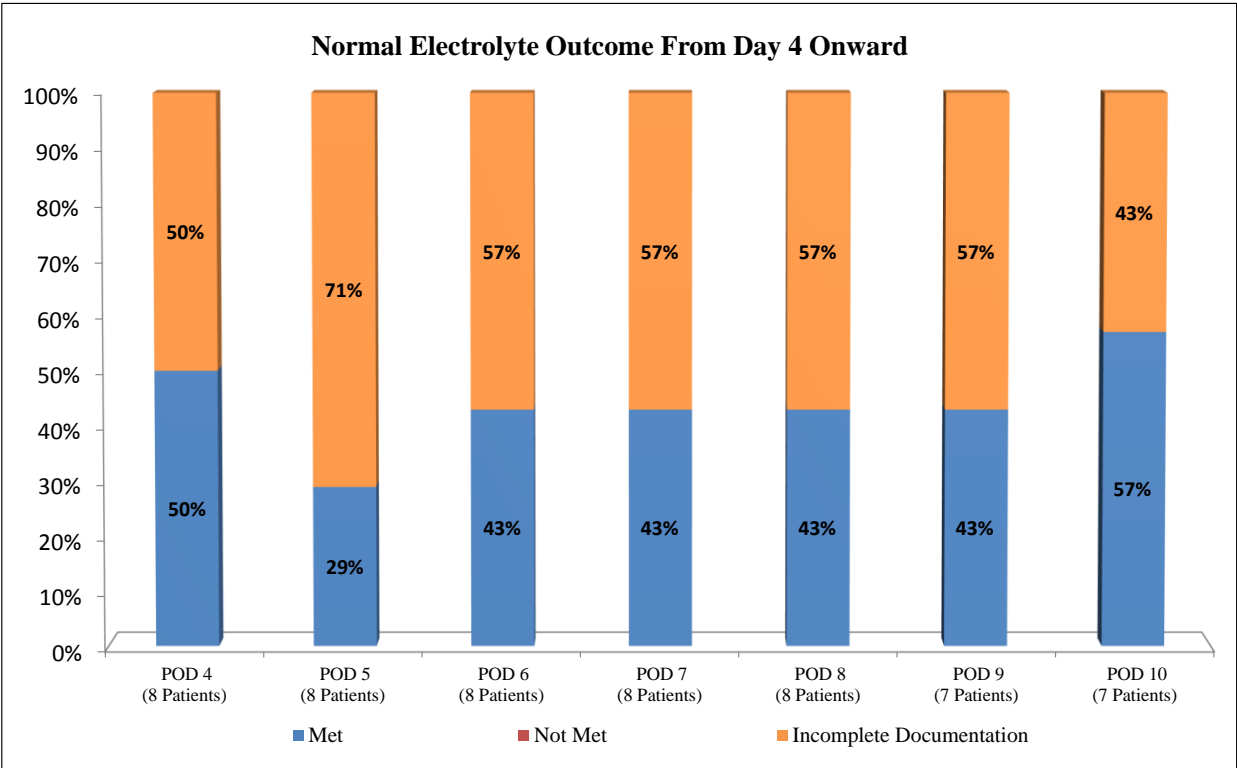
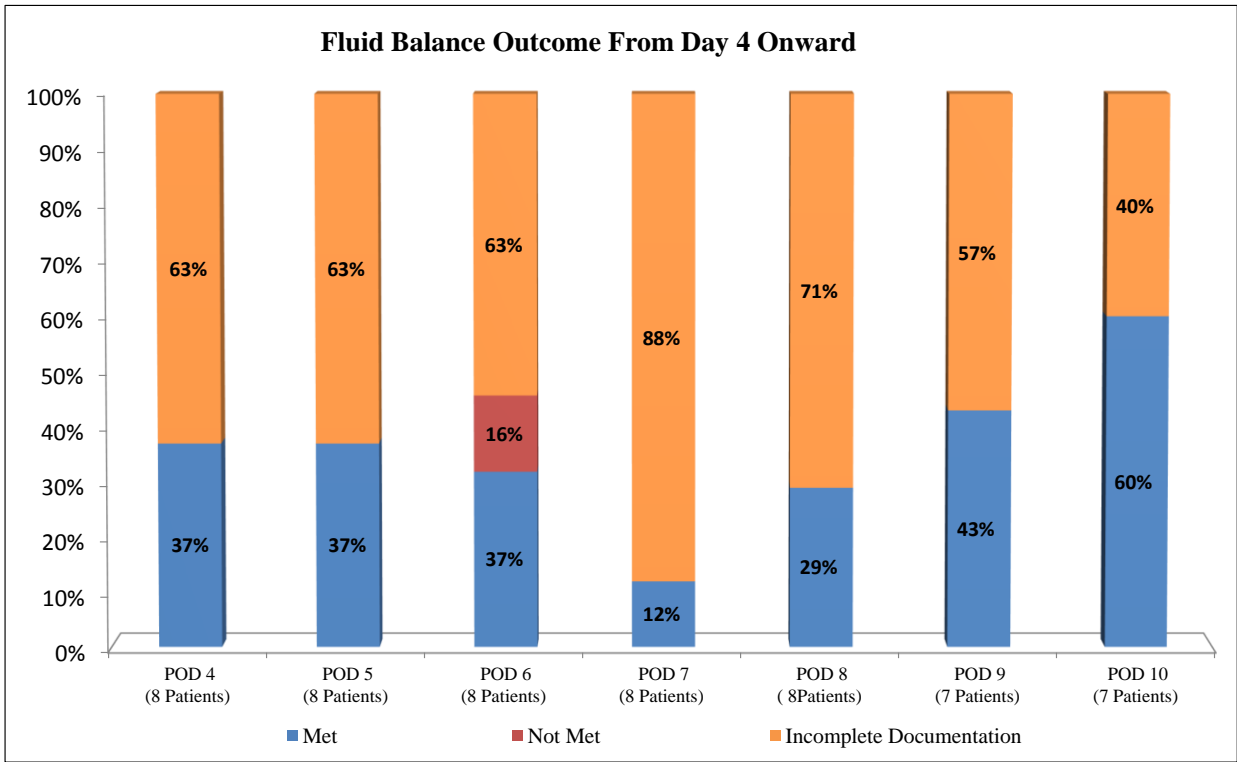
Data Sources: Retrospective review of Clinical Pathways

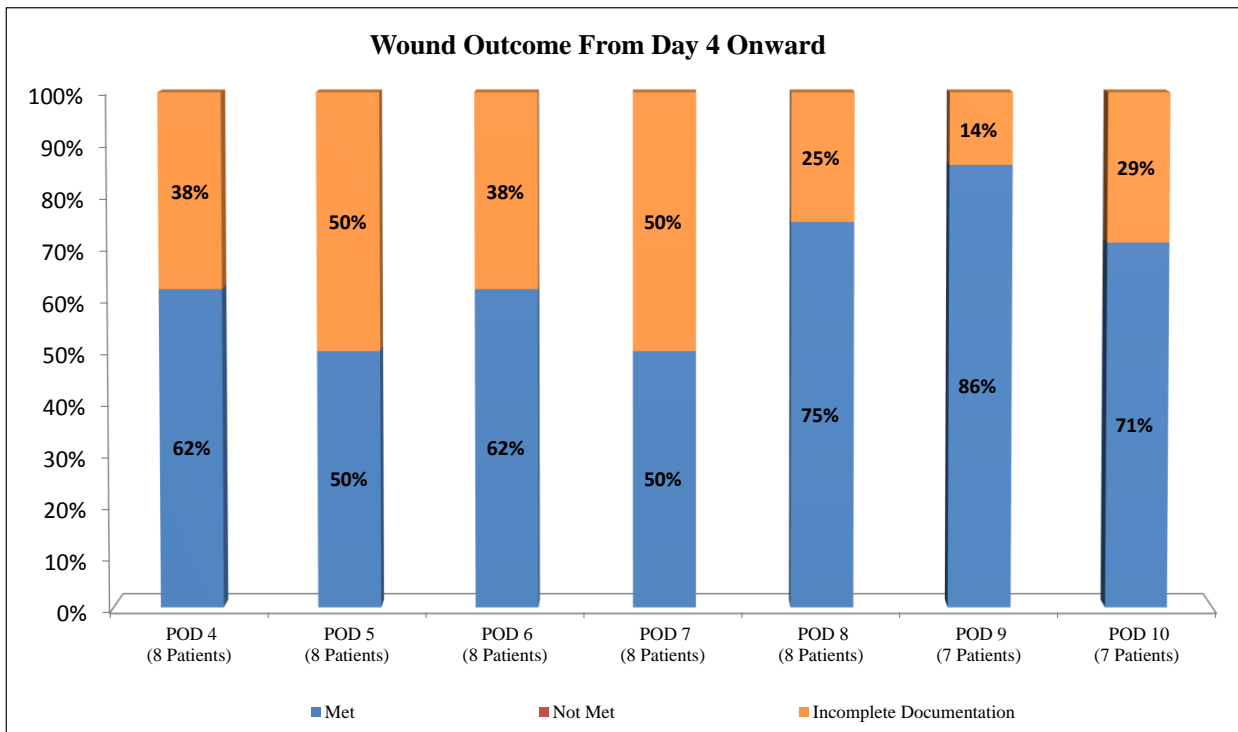
Number of patients who had EVD insertion: 16

Number of patients managed on the Clinical Pathway: **8 (50%)**.

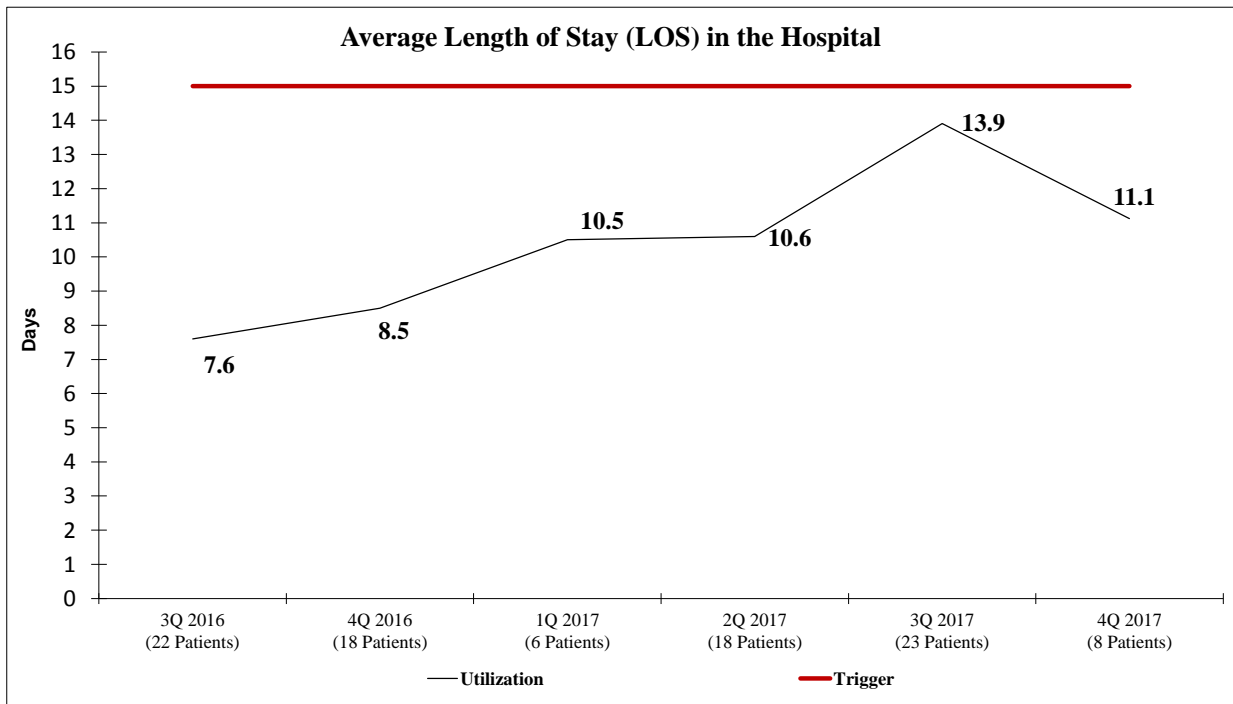
Clinical Pathway Documentation Compliance				
Discipline	No. of Adult Patients	No. of Peds Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	6	2	63%	37%
C1 Nurse	5	1	46%	54%
PICU Nurse	0	1	100%	0%
SSCU-B Nurse	1	0	59%	41%

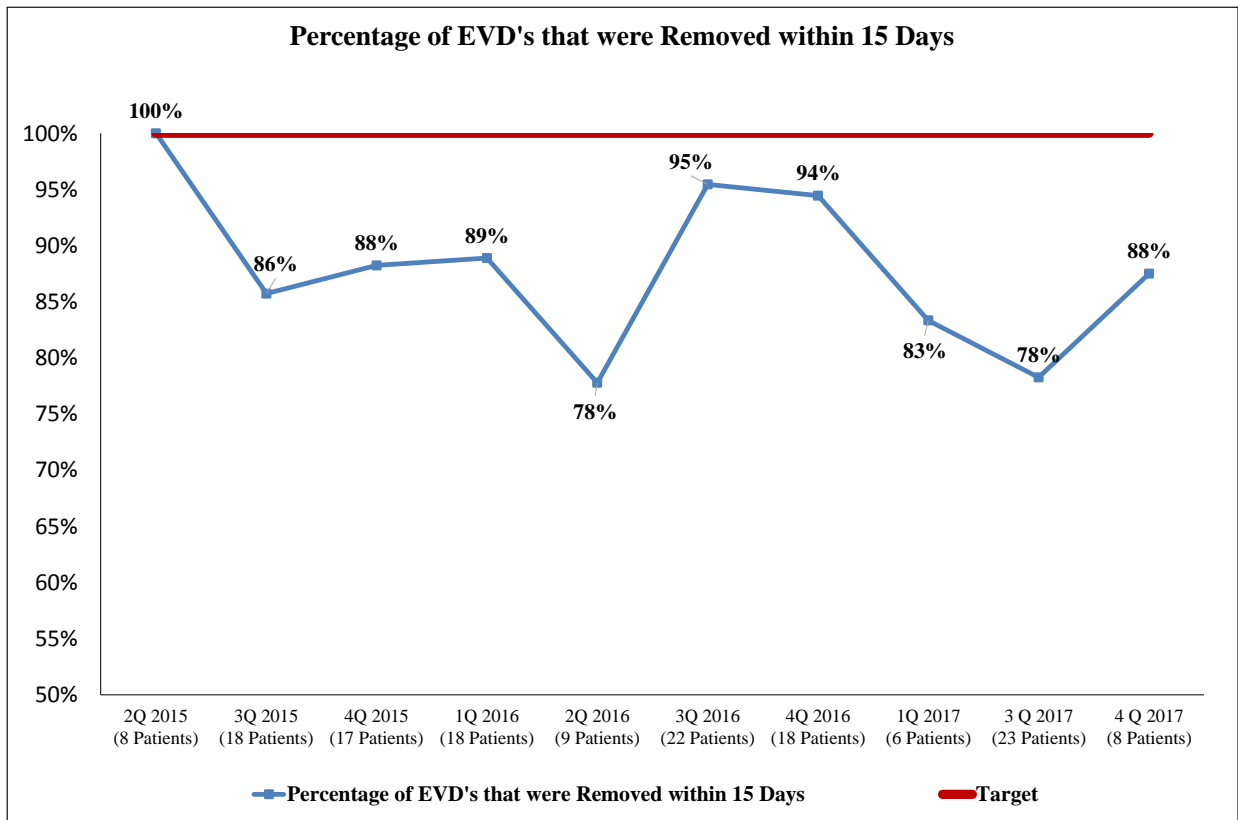
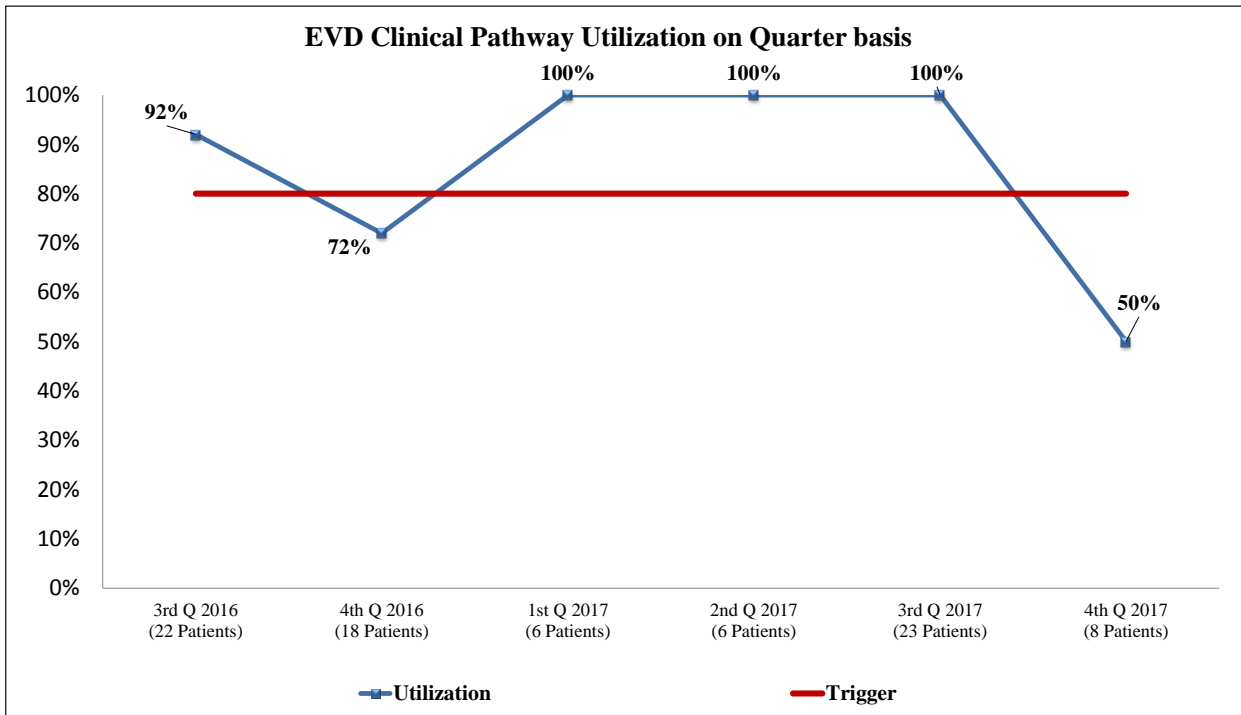






Status of all the Inserted EVD's who were put on the clinical pathway	
Day 8	One (1) EVD was removed
Day 10	Three (3) EVD were removed
Day 11	Two (2) EVD were removed and replaced
Day 13	One (1) EVD was removed
Day 16	One (1) EVD was removed and converted to VP shunt





Measure:

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

Findings:

1. This quarter **88%** of the EVDs were removed within 15 days (**n= 7 out of 8 EVD's**)
2. This quarter utilization is **50%**.

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 go live since 3 December. Few modifications requested based end users feedback.
4. The automation is completed, next step will be an overlapping period during which clinical pathway will be used in 2 different formats at the same time for selected sample of patients on each unit (paper and electronic copy) until validation is complete; relevant in-service will be provided on due time.

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 will be reflected in the next revision of the clinical pathway.