



## Adult Transphenoidal Resection of Pituitary Tumors Clinical Pathway

Clinical Pathway 2nd Quarter Report 2018

Data Collection Period: 01 April 2018 - 30 June 2018

Units using the clinical pathway: C1 & SSCU-B

Data Sources: Retrospective review of Clinical Pathway Forms

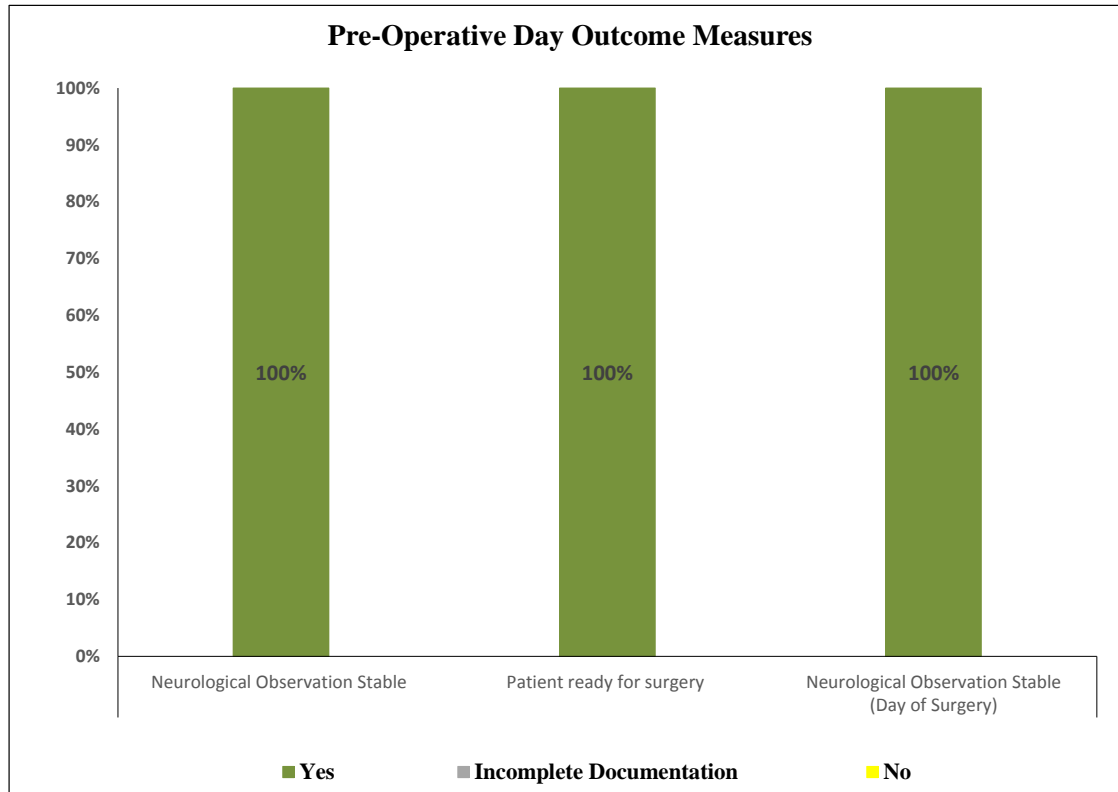
Number of patients who were eligible to be put on the clinical pathway: 12

Number of patients managed on the clinical pathway: **8 (67%)**.

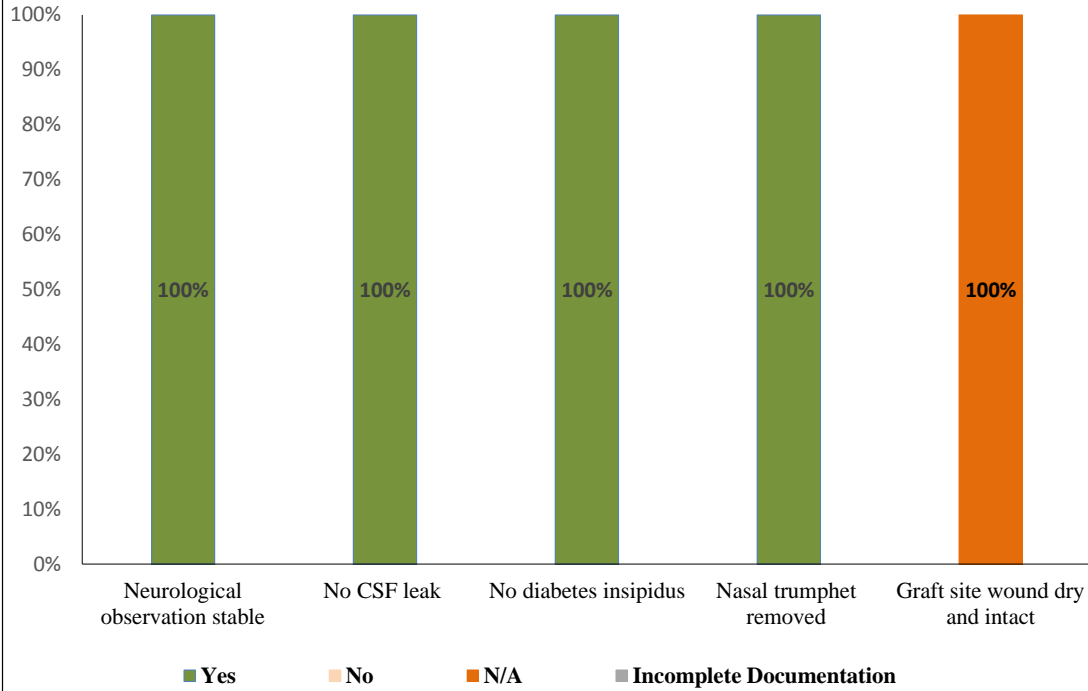
**The documentation compliance on the clinical pathway per discipline in the table below:**

Discipline	Number of Patients	Complete Documentation	Incomplete Documentation
Medical Doctor	8	75%	25%
C1 Nurse	8	95%	5%

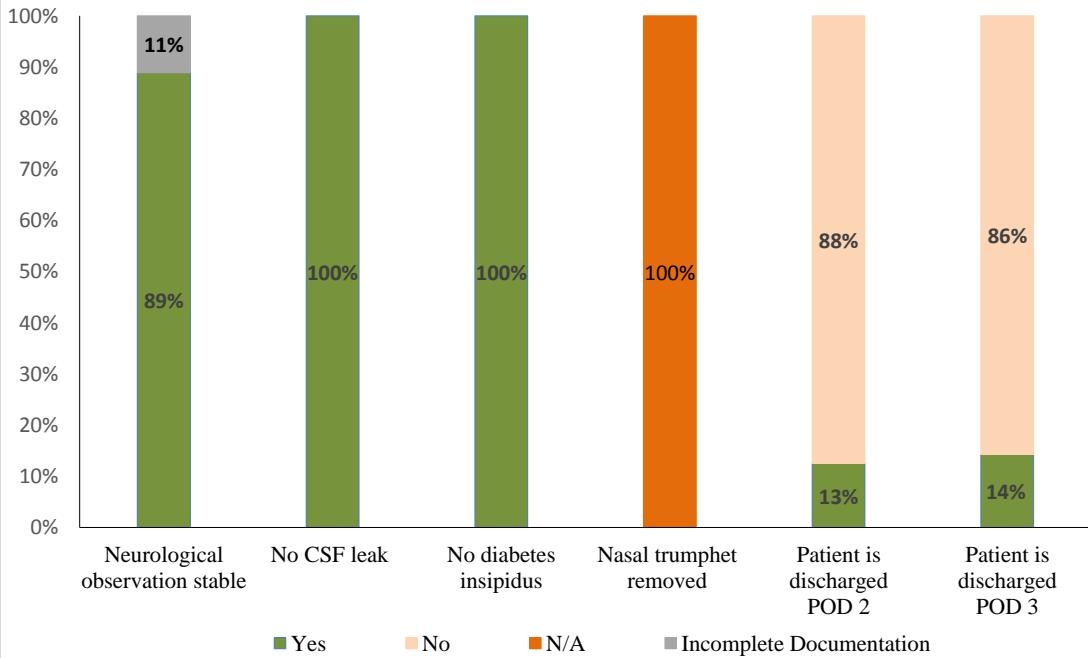
**The clinical pathway outcomes Pre and Post Operative Day (POD) are illustrated in the following graphs:**

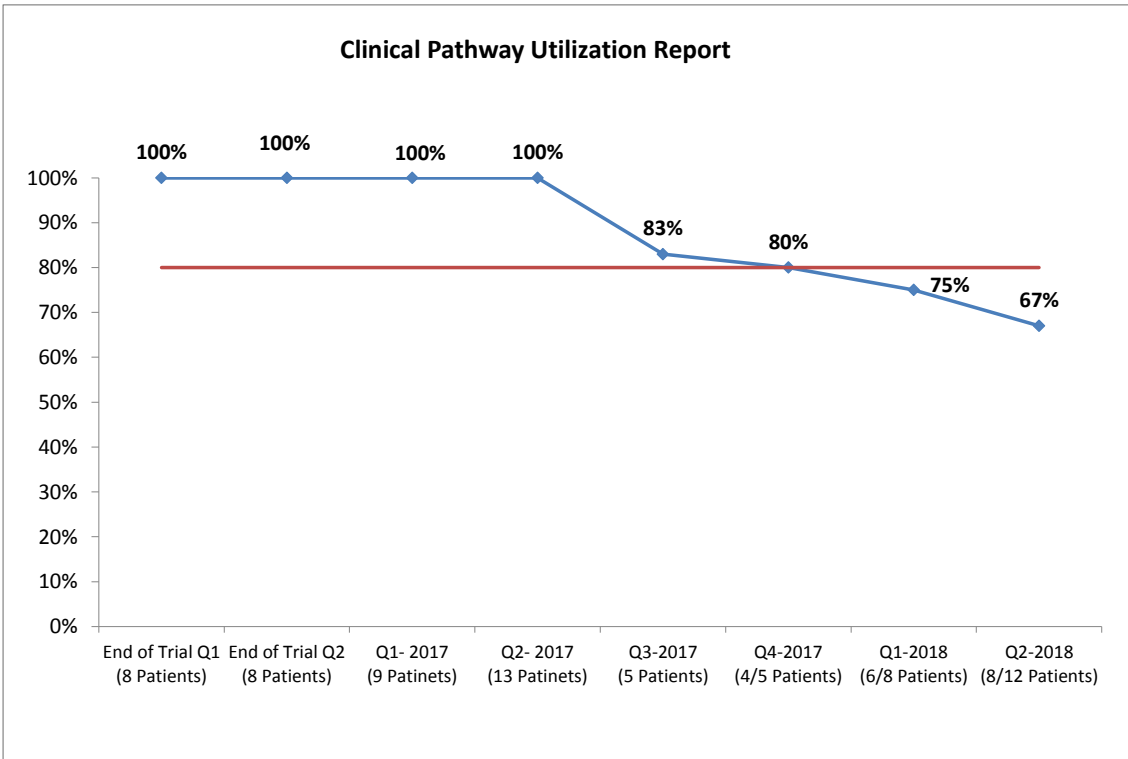
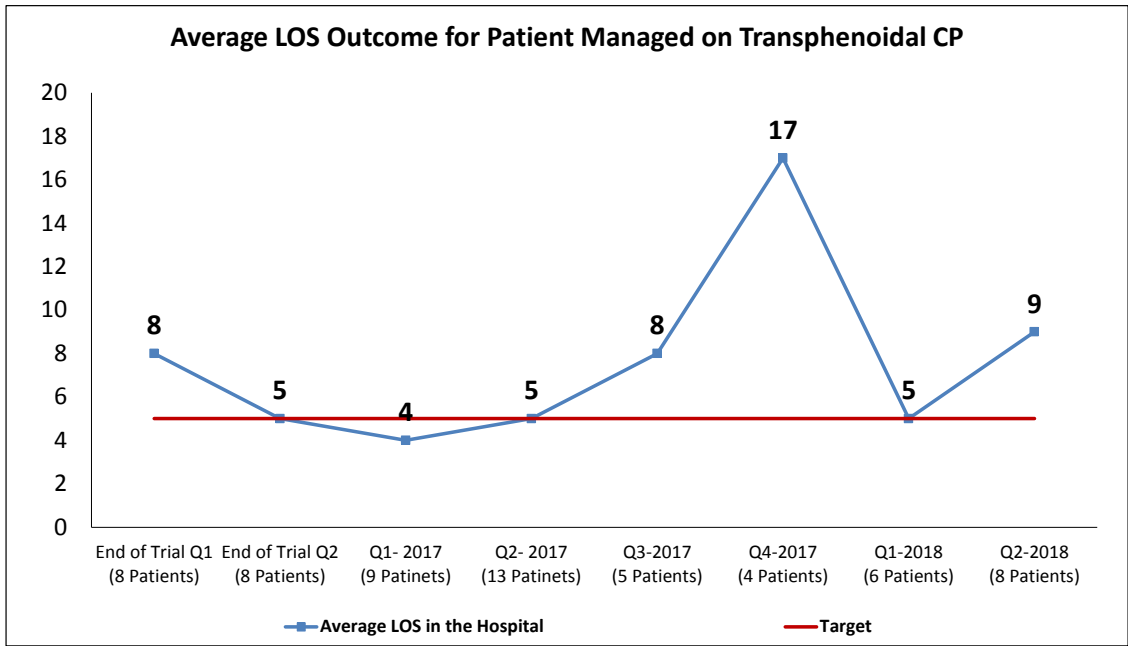


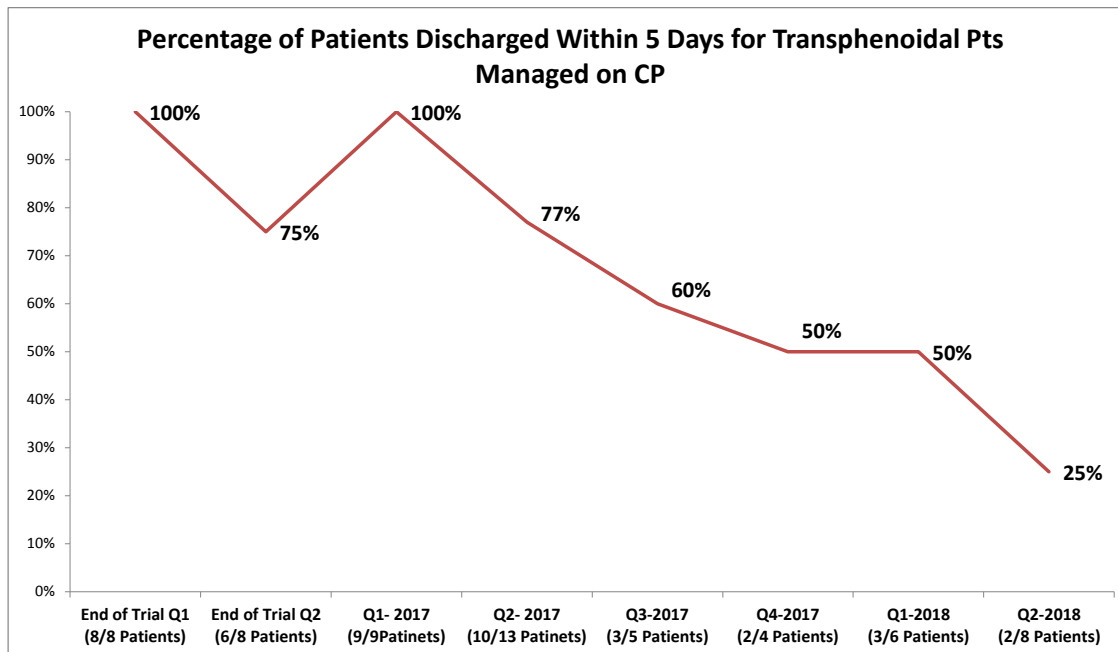
### Post-Operative Day One Outcome Measures



### Post-Operative Day Two & Three Outcome Measures







### Measure:

The ultimate outcome measure for this clinical pathway is to decrease the LOS for all patients to be 5 days perioperatively.

### Findings:

- The discharge status of all patients managed on this Clinical Pathway is as follow:
  - One patient was discharged POD2 which represent (13%).
  - One patient was discharged POD3 which represent (14 %).
  - The remaining Six patients were discharged after POD3 which represent (73%) due to the following reasons:
    - \* One patient had nasal discharge.
    - \* One patient developed diabetes insipidus. \*Three patients waiting for other service
- The average LOS for the (8) patients in the hospital is **9 Days**.
- The utilization of this clinical pathway is **67%** below the trigger.

### Follow Up Action plan:

- The report to be shared with the respective Healthcare Provider/ Medical Quality Director / Clinical Pathway Coordinator.
- Plan to move the CP to automation version soon.
- In-Services will be provided to the units where the Clinical Pathway is implemented to improve documentation and utilization.