

# Neurosurgery – Craniotomy for Brain Tumor

MEASURE DESCRIPTION(within 30 days from the date of surgery). 108 cases reviewed	Events	UC IRVINE MEDICAL CENTER Observed/Expected(O/E) Odds Ratio 04/01/2017 – 03/31/2018	Quartile RANK (1-4) Lower is better	PERFORMANCE RATING
Mortality	1	0.95	2	As Expected
Morbidity	10	1.07	3	As Expected
Sepsis	1	0.91	2	As Expected
Unplanned Readmission	9	0.94	2	As Expected
Unplanned Return to OR	4	1.00	2	As Expected

## What are we doing to improve:

We are implementing a patient-centered outcome measurement system for all of our patients. We will track their response to our clinical interventions with the expectation that this will allow us to understand and insure optimum care.

**Adjusted Quartiles/Percentiles:** A hospital's odds ratio raw percentile is constructed first by ranking the odds ratios of all hospitals in a model from smallest to largest and then assigning those ranks to 100 sequential groups, each representing approximately 1% of the total number of hospitals. Adjusted percentiles are used to assign hospitals to adjusted quartiles. The FOUR adjusted quartiles (1st, 2nd, 3rd, and 4th) are defined by adjusted percentiles of 1-25, 26-50, 51-75, and 76-100, respectively.

## Data Source:

American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP)

**UCI Health**