



# **IMPLEMENTATION OF A HOSPITAL-WIDE PROTOCOL REDUCES TIME TO NEPHROSTOMY TUBE AND LENGTH OF STAY IN PATIENTS WITH STONE RELATED OBSTRUCTIVE PYELONEPHRITIS**

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- 2-fold mortality in patients with OPN not treated with decompression
- May 2016- implemented protocol between IR and GU
  - Designed to expedite treatment choice in patients with OPN
- Objective: To assess impact on outcomes and time to decompression
- Retrospective review of 147 patients prior to and after protocol implementation



- NT utilization dramatically increased
  - 4 NT/year to 14 NT/year
- Time to NT dramatically decreased
  - 9.2 to 4.3 hours ( $p=0.002$ )
- Median length of stay declined dramatically in NT patients
  - 3.9 vs 7.8 days ( $p=0.05$ )
- Well-designed protocol expedites management of critically ill patients
  - Reduces length of stay