



Unplanned ICU Admissions

Beaumont Farmington Hills

Michael Rebock, DO TMD

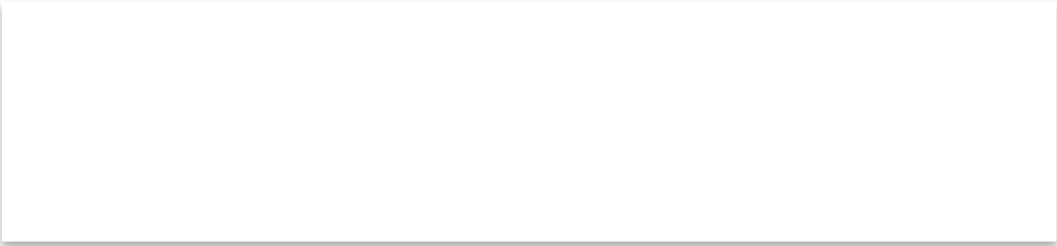
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Cathy Levinson, RN, MCR

Shauna Di Pasquo, RN, Registrar

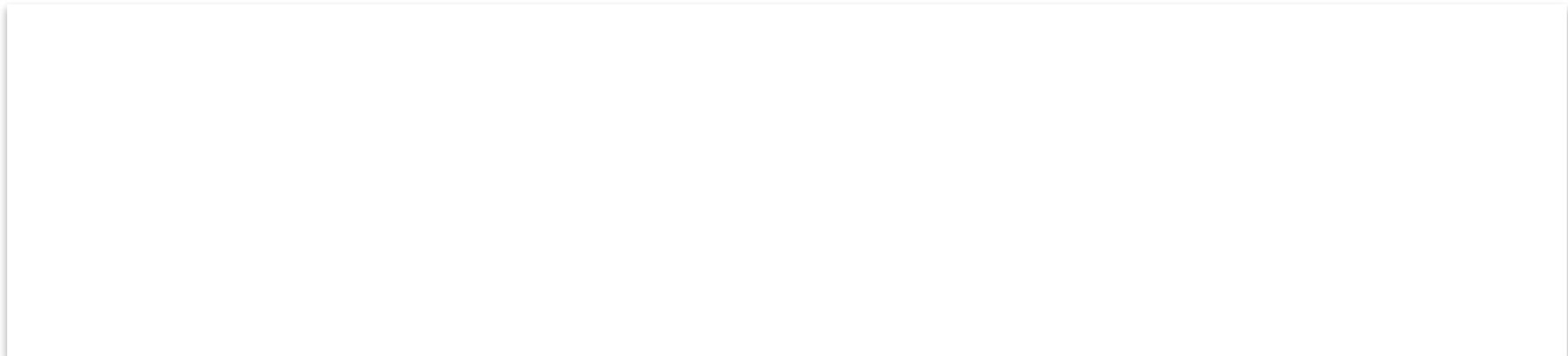
Corinna Azar, RN, Registrar

Background

- Site specific PI project for 2017
- Outlier on MTQIP and TQIP Benchmark Reports
- 
- Cohort 4 Blunt single, All ISS, All ages

Barriers

- No Intermediate Care Unit
- High population of elderly traumas
- Many with multiple comorbidities and functionally dependent



Actions Taken

- Reviewed all cases back to 2015 for trends
- Discussed at TOPIC and PIPS
- Physician review of preventable cases
- Exploring elderly guidelines/management
- Reviewing ETOH withdrawal policies

FINDINGS

- Atrial Fibrillation
- Hypoxia
- Chronic medical disease

SOLUTIONS

- Better use of respiratory therapy and high flow O2
- Better use of Rapid Response Team
- ICU Nurse Practitioner now rounds on patient the day after transfer
- Closer look at vitals 24 hours prior to transfer
- Patients converted to oral cardiac meds prior to transfer

Outcomes

Time-Period	
Dec 2016 Baseline	Date Range UnadjRate Numerator/Denominator Num or DataPts = #Patients
Apr 2017	Date Range UnadjRate Numerator/Denominator Num or DataPts = #Patients
Aug 2017	Date Range UnadjRate Numerator/Denominator Num or DataPts = #Patients
Dec 2017 Final	Date Range UnadjRate Numerator/Denominator Num or DataPts = #Patients
Decrease "By" What Percent? Target Decrease "To" UnadjRate	

Moving Forward

- NICHE program
- Continue to work on Step-down proposal
- TCAR classes for RN's
- Continuing to review each case at daily rounds
- Monitoring trends