2015 Annual NSQIP Conference ERIN (Enhanced Recovery in NSQIP) Session

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2015 Annual NSQIP Conference
ERIN Session

LEHIGH VALLEY HOSPITAL

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Starting Point

- Colorectal case volume - 225
- Laparoscopic - 135
- ALOS 6.3 days before ERAS project
- Outcomes desired:
  - Decrease LOS
  - Decrease readmissions
  - Decrease DVT/PE
  - Decrease UTI
ERIN Process

- LVHN Network Initiative – Sponsored by Departments of Surgery and Anesthesiology
- Steering Committee: chair surgery, surgeons, anesthesiologist, in patient nursing unit directors, administrative quality managers from DOS
- Ad hoc members: pharmacy, preadmission testing, ambulatory care, OR and PACU
- Network Education Completed 4/1/15 (12 lectures including Grand Rounds)
- First ERAS surgery 4/15/15
Team Assembly

- Corner stone project in our Department’s Commitment to Surgical Excellence for the community.
- This is a collaborative effort by numerous departments, similar to our previous SUSP efforts; Surgery, Anesthesia, Nursing, Pharmacy, Administration and Learning Resource.
- We don’t hesitate to include any service that can help us achieve our goal.
- At this time, we continue to meet every two weeks.
Data collection still in progress. Real time review suggests very high compliance with all elements of pathway.

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td># ERAS Patients on pathway</td>
<td>29</td>
</tr>
<tr>
<td>ERAS AVG LOS</td>
<td>3.47</td>
</tr>
<tr>
<td>PRE ERAS AVG LOS</td>
<td>6.3</td>
</tr>
<tr>
<td>AVG LOS DECREASE</td>
<td>2.83</td>
</tr>
<tr>
<td># saved pt. days (2.83x29)</td>
<td>100.6</td>
</tr>
<tr>
<td>Cost Savings (100.6 x $500/D)</td>
<td>$50,300</td>
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<tr>
<td>Cost Savings (100.6 x $1000/D)</td>
<td>$100,600</td>
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Patient Booklet Evaluation

Overall rating for the booklet on a scale of 1-10 (where 1=terrible, 3=poor, 5=ok, 7=good, and 10=excellent):

- Range: **5-10**, Mean: **8.3**, Mode: **9**

How do you feel about the length of the booklet?

- Too long: **11.8%**
- About right: **82.4%**
- Too short: **5.9%**

Did the booklet make you feel engaged in your care?

- YES: **82.4%**
- NO: **17.6%**

Did you share the booklet with a family member?

- YES: **58.8%**
- NO: **41.2%**
Next Steps

- Maintaining the pathway:
- Review barriers as reported by ERAS champions
- Motivate continued improvement by 1) sharing feedback of success to our ERAS champions, 2) welcoming suggestions for improvement by all those involved in patient care, and 3) surveying patients.

- Best way to motivate – share successful outcomes and thank those involved.

- Reception:
  - Other surgical specialties are expressing interest in extending protocol.
  - C-suite has been supportive and interested in outcomes