

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

Michael D. Pasquale MD, FACS, FCCM  
*Lehigh Valley Health Network, michael.pasquale@lvhn.org*

Pat Toselli DO  
*Lehigh Valley Health Network, Pat.Toselli@lvhn.org*

Richard Kolesky MD  
*Lehigh Valley Health Network, Richard.Kolesky@lvhn.org*

Robert J. Sinnott DO  
*Lehigh Valley Health Network, Robert\_J.Sinnott@lvhn.org*

Cathleen Webber RN, MSHS  
*Lehigh Valley Health Network, Cathleen.Webber@lvhn.org*

*See next page for additional authors*

Follow this and additional works at: <https://scholarlyworks.lvhn.org/surgery>



Part of the [Other Medical Specialties Commons](#), and the [Surgery Commons](#)

## Let us know how access to this document benefits you

---

### Published In/Presented At

Pasquale, M., Toselli, P., Kolesky, R., Sinnott, R., Webber, C., Pustilnik, S., & Momah, J. (2015, July 25). *2015 Annual NSQIP Conference ERIN (Enhanced Recovery in NSQIP) Session*. [ERAS]. Presentation presented at ACS (American College of Surgeons) NSQIP (National Surgical Quality Improvement Program) National Conference, ERIN session, Chicago, IL.

This Presentation is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact [LibraryServices@lvhn.org](mailto:LibraryServices@lvhn.org).

---

## Authors

Michael D. Pasquale MD, FACS, FCCM; Pat Toselli DO; Richard Kolesky MD; Robert J. Sinnott DO; Cathleen Webber RN, MSHS; Sharon Pustilnik RN, BS; and Justina A. Momah RN, CRNP

# **2015 Annual NSQIP Conference ERIN Session**

## **LEHIGH VALLEY HOSPITAL**

**M. Pasquale,MD; P. Toselli,DO, MMM; R. Kolesky,MD; R. Sinnott,DO;  
C. Webber,RN MSHA; S. Pustilnik,RN BS; J. Momah,RN CRNP**

© 2015 Lehigh Valley Health Network

A PASSION FOR BETTER MEDICINE.™

610-402-CARE LVHN.org

ERAS



# 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.

# Patient Summary

## 4/1/2015 – 6/30/2015

# ERAS Patients on pathway	29
ERAS AVG LOS	3.47
PRE ERAS AVG LOS	6.3
AVG LOS DECREASE	2.83
# saved pt. days (2.83x29)	100.6
Cost Savings (100.6 x \$500/D)	\$50,300
Cost Savings (100.6 x \$1000/D)	\$100,600

Data collection still in progress. Real time review suggests very high compliance with all elements of pathway.

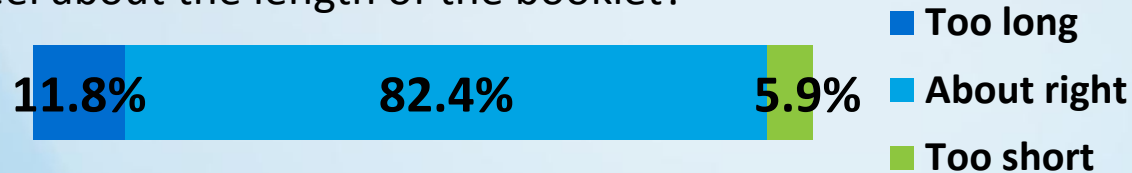


# Patient Booklet Evaluation

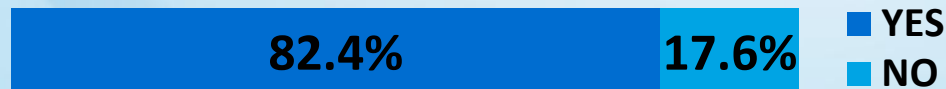
Overall rating for the booklet on a scale of 1-10 (where 1=terrible, 3=poor, 5=ok, 7=good, and 10=excellent):

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

How do you feel about the length of the booklet?



Did the booklet make you feel engaged in your care?



Did you share the booklet with a family member?





# 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