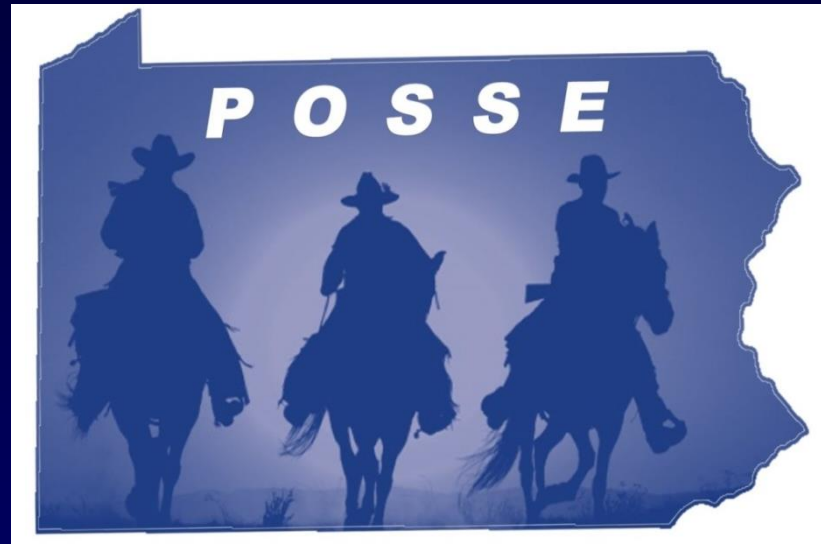


PENNSYLVANIA OPIOID SURGICAL STEWARDSHIP ENTERPRISE



**Matthew Philp, M.D.
Surgeon Champion, Temple University Hospital**

**PANC Meeting, Jefferson Methodist Hospital
April 11, 2019**

POSSE

OVERVIEW

- **Collaboration**
- **Procedures**
- **Timeline – Year 1**
- **Measures**
- **Webinar #1**
- **ACS support**
- **Hospitals**
- **Next steps**

POSSE

COLLABORATION

- **HCIF**



- **ISMP**



- **PANC**



- **Dept of Public Health**



- **Amerisource Bergen**



- **ISQIC**



POSSE

STEERING COMMITTEE

- **Executive Champion – Henry A. Pitt, M.D.**
Temple University Health System
- **Surgeon Champion – Matt Philp, M.D.**
Temple University Hospital
- **PANC Surgeon Advisor – Scott Cowan, M.D.**
Thomas Jefferson University Hospital
- **Surg Clinical Reviewer – Christine Schleider, RN**
Thomas Jefferson University Hospital
- **HCIF Team – Pam Braun, Susan Cosgrove, and
Kelsey Salazar**
- **Non-Panc Surgeon Advisor – Patrick Ross, M.D.**
Main Line Health, Lankenau

POSSE

TIMELINE – YEAR 1*

- Q1
 - Planning meetings
 - PANC meeting #1
 - Measure development
 - Survey development
- Q2
 - Webinar #1
 - Hospital enrollment
 - Administer survey
 - Finalize measures
 - Form PFAC
- Q3
 - Share survey results
 - PANC meeting #2
 - Pt edu materials
 - Shared workspace
- Q4
 - PFAC meetings
 - Pt edu materials
 - Webinar #2
 - Begin data collection

*September 1, 2018 – August 31, 2019

POSSE

WEBINAR

- **February 19, 2019**
 - **US epidemic**
 - **HCIF**
 - **PANC**
 - **Supporters**
 - **Collaboration**
 - **POSSE**
 - **Recruitment**



POSSE

NONPANC PARTICIPANTS

System

Hospitals

- **Jefferson Northeast (Aria) 3**
- **Lehigh Valley Health Network 7**
- **MainLine Health System 4**
- **Mercy Health System 3**
- **St. Lukes University Health 9**

POSSE

PANC PARTICIPANTS

Abington – Jefferson Health*

Pennsylvania Hospital*

Fox Chase Cancer Center*

Reading Hospital

Hahnemann University Hosp

Robert Packer Hospital

Hosp University of PA*

Temple Health – Jeanes*

Methodist – Jefferson Health*

Temple Univ Hospital*

Penn Presbyterian MC*

Thomas Jefferson Univ Hosp*

Penn State Hershey MC

York Hospital

***Also Health Care Improvement Foundation (HCIF)**

POSSE

PANC PROCEDURES

- **General**
 - Appendectomy
 - Cholecystectomy
 - Colectomy
 - Hiatal hernia
 - Inguinal hernia
 - Ventral hernia
- **Orthopedics**
 - Total knee
 - Total hip
- **Neurosurgery**
 - Spine
- **Urology**
 - Nephrectomy
- **Vascular Surg**
 - Aortoiliac
 - Peripheal
- **Gynecology**
 - Hysterectomy

POSSE

POSSE GUIDELINES

<u>Procedure</u>		<u># Pills*</u>
• Appendectomy	– MIS	10
	– Open	10
• Cholecystectomy	– MIS	10
	– Open	10
• Colectomy	– MIS	10
	– Open	20
• Hiatal Hernia	– MIS	10
	– Open	10
• Inguinal Hernia	– MIS	10
	– Open	10
• Ventral Hernia	– MIS	10
	– Open	20

*Oxycodone 5 mg or Hydromorphone 2 mg

POSSE

POSSE GUIDELINES†

<u>Procedure</u>		<u># Pills*</u>
• Hysterectomy	– MIS	10
	– Open	20
• Total hip		20
• Total knee		20
• Spine		20
• Nephrectomy	– MIS	10
	– Open	20
• Aortoiliac	– Endo	10
	– Open	20
• Peripheral vase	– Endo	10
	– Open	20

† Opioid naïve patients

PANC MEASUREMENT

- **Principle procedure – CPT Code**
- **Primary surgeon**
- **Opioid use screen – preop**
 - **Fibromyalgia, chronic pain, substance use**
 - **State database 3 months preoperatively**
- **Opioid avoidance**
 - **Epidural, blocks** – **Alternate medications**

POSSE

PANC MEASUREMENT

- **Opioid discharge prescription**
 - Type, strength, number, frequency
- **Active benzodiazepine prescription**
- **Opioid use –postoperatively**
 - State database 30 days postop
- **Routine NSQIP outcomes**

POSSE

ACS SUPPORT

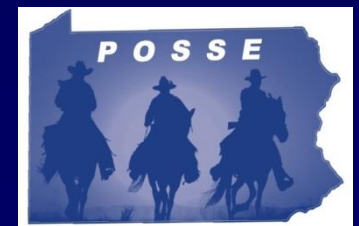
- Eight Custom Fields developed by PANC and installed by ACS
- Each PANC hospital signs an addendum to existing agreements allowing ACS to analyze data for this project
- Goal is to begin data collection on September 2019 cases



PANC



ACS-NSQIP



POSSE

POSSE

DATA ANALYSIS

- **Percent opioid naïve per procedure**
- **Correlate PDMP preoperative data with screening questions (fibromyalgia, chronic pain syndrome, substance abuse disorder)**
- **Opioid avoidance strategies (anesthesia and pharmacologic) per procedure**
- **Discharge prescription and refills (PDMP)**
- **Correlate avoidance strategies with D/C pills**
- **Compare NSQIP outcomes in opioid naïve and opioid use patients**

POSSE

NEXT STEPS

- **Complete hospital enrollment**
- **Evaluate baseline survey results**
- **Develop Custom Field measures**
- **Sign addendum to existing agreements (PANC hospitals)**
- **Form POSSE Patient and Family Advisory Council (PFAC)**
- **Develop educational materials**