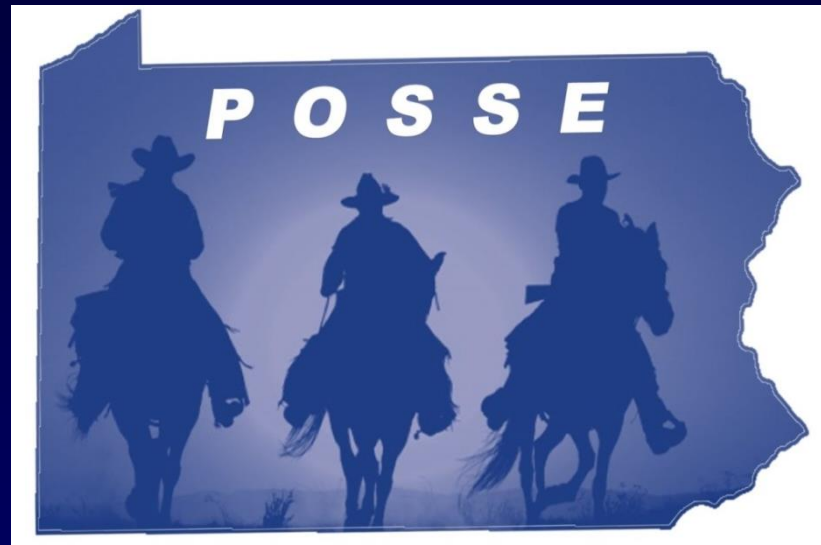


# PENNSYLVANIA OPIOID SURGICAL STEWARDSHIP ENTERPRISE



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**Pennsylvania NSQIP Consortium**  
**July 21, 2019**

**POSSE**

# **OVERVIEW**

- **Collaboration**
- **Timeline**
- **Hospitals**
- **Procedures**
- **Custom Fields**
- **Guidelines**
- **PFAC**
- **Next steps**

POSSE

# COLLABORATION

- HCIF



- ISMP



- PANC



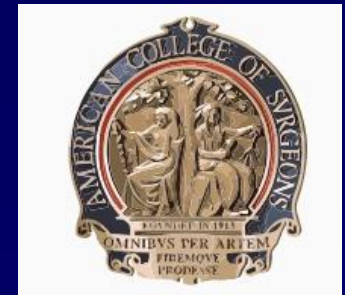
- ISQIC



- Amerisource  
Bergen



- ACS



## **POSSE**

# **TIMELINE – YEAR 1\***

- **Q1**
  - **Planning meetings**
  - **PANC meeting #1**
  - **Measure development**
  - **Survey development**
- **Q2**
  - **Webinar #1**
  - **PANC meeting #2**
  - **Hospital enrollment**
  - **Administer survey**
  - **Finalize measures**
- **Q3**
  - **Share survey results**
  - **PANC meeting #3**
  - **Form PFAC**
  - **Pt edu materials**
- **Q4**
  - **Webinar #2**
  - **PANC meeting #4**
  - **PFAC meetings**
  - **Pt edu materials**
  - **Custom fields**

**\*September 1, 2018 – August 31, 2019**

## **POSSE**

# **TIMELINE – YEAR 2\***

- **Q1** - **Begin data collect**
- **PANC meeting #5**
- **PFAC meetings**
- **Distribute edu materials**
- **Q2** - **Webinar #3**
- **PANC meeting #6**
- **Continue data collect**
- **Analyze initial data**
- **Q3** - **Continue data collect**
- **PANC meeting #7**
- **Submit grant proposals**
- **Q4** - **Continue data collect**
- **PANC meeting #8**
- **Webinar #4**
- **Write final report**

**\*September 1, 2019 – August 31, 2020**

**POSSE**

# **PANC PARTICIPANTS**

**Abington – Jefferson Health\***

**Fox Chase Cancer Center\***

**Hosp University of PA\***

**Methodist – Jefferson Health\***

**Penn Presbyterian MC\***

**Penn State Hershey MC**

**Pennsylvania Hospital\***

**Reading Hospital**

**Robert Packer Hospital**

**Temple Health – Jeanes\***

**Temple Univ Hospital\***

**Thomas Jefferson Univ Hosp\***

**York Hospital**

**UPMC Altoona**

**UPMC Hamot**

**UPMC Passavant**

**UPMC Presbyterian**

**UPMC Shadyside**

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

## POSSE

# HOSPITAL ENROLLMENT

- **NSQIP** **-18**
  - **AMCs** **-6**
  - **Affiliates** **-9**
  - **Others** **-3**
- **NON-NSQIP** **-26**
  - **St. Lukes** **-9**
  - **Lehigh Valley** **-7**
  - **Mainline** **-4**
  - **Jeff NE** **-3**
  - **Mercy** **-3**



## **POSSE**

# **NSQIP 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



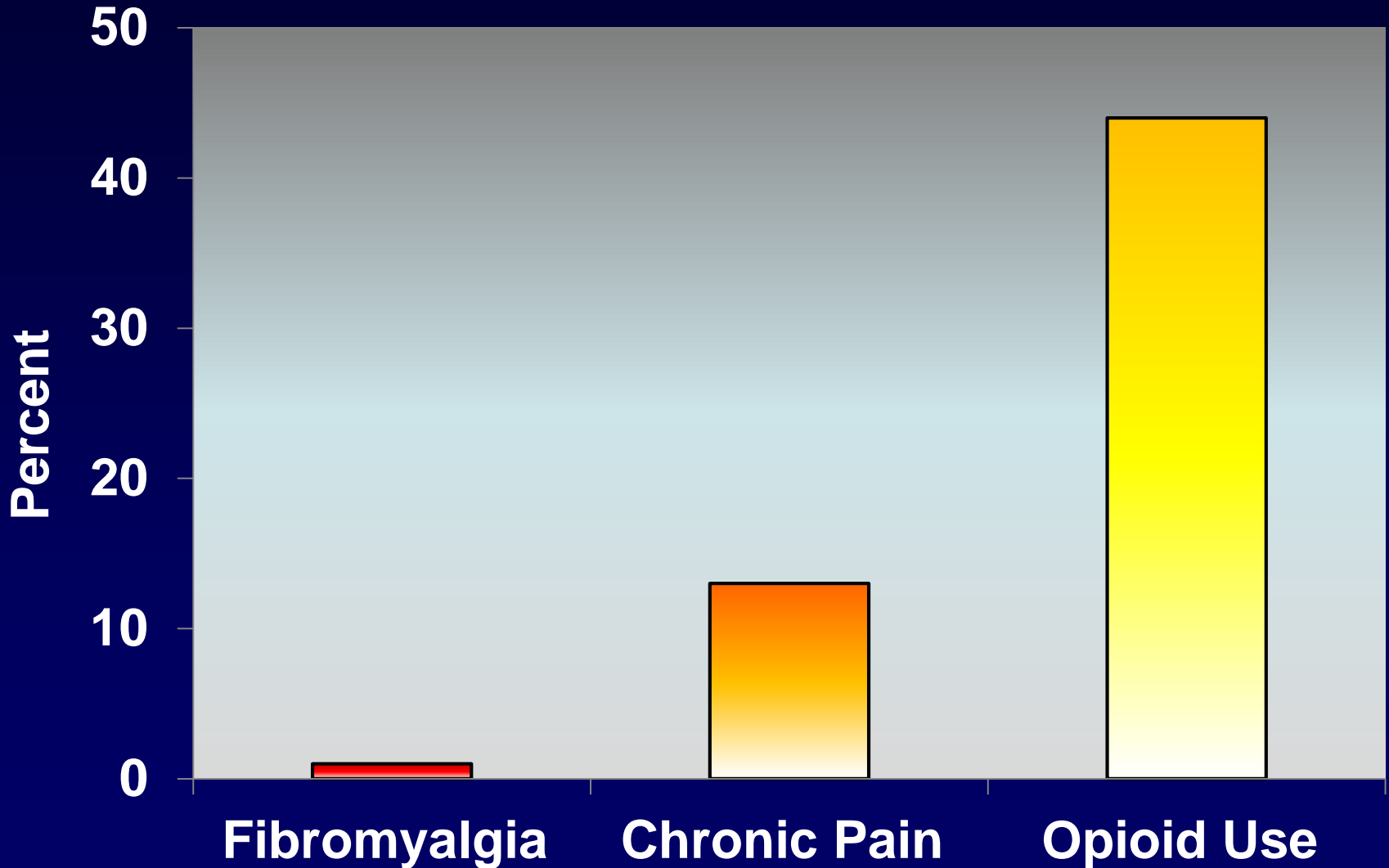
**POSSE**

# **HCIF SURVEY**

- **Developed by HCIF and POSSE Steering Committee**
- **16 Health systems**
  - 12 PANC, 4 non-PANC**
- **31 Responses**
  - 17 Surgeons, 14 non-surgeons**
- **Baseline organizational assessment**
  - Opioid task force – 78%**
  - Educational material – 81%**
  - PDMP integrated – 88%**
  - Drug takeback program – 63%**

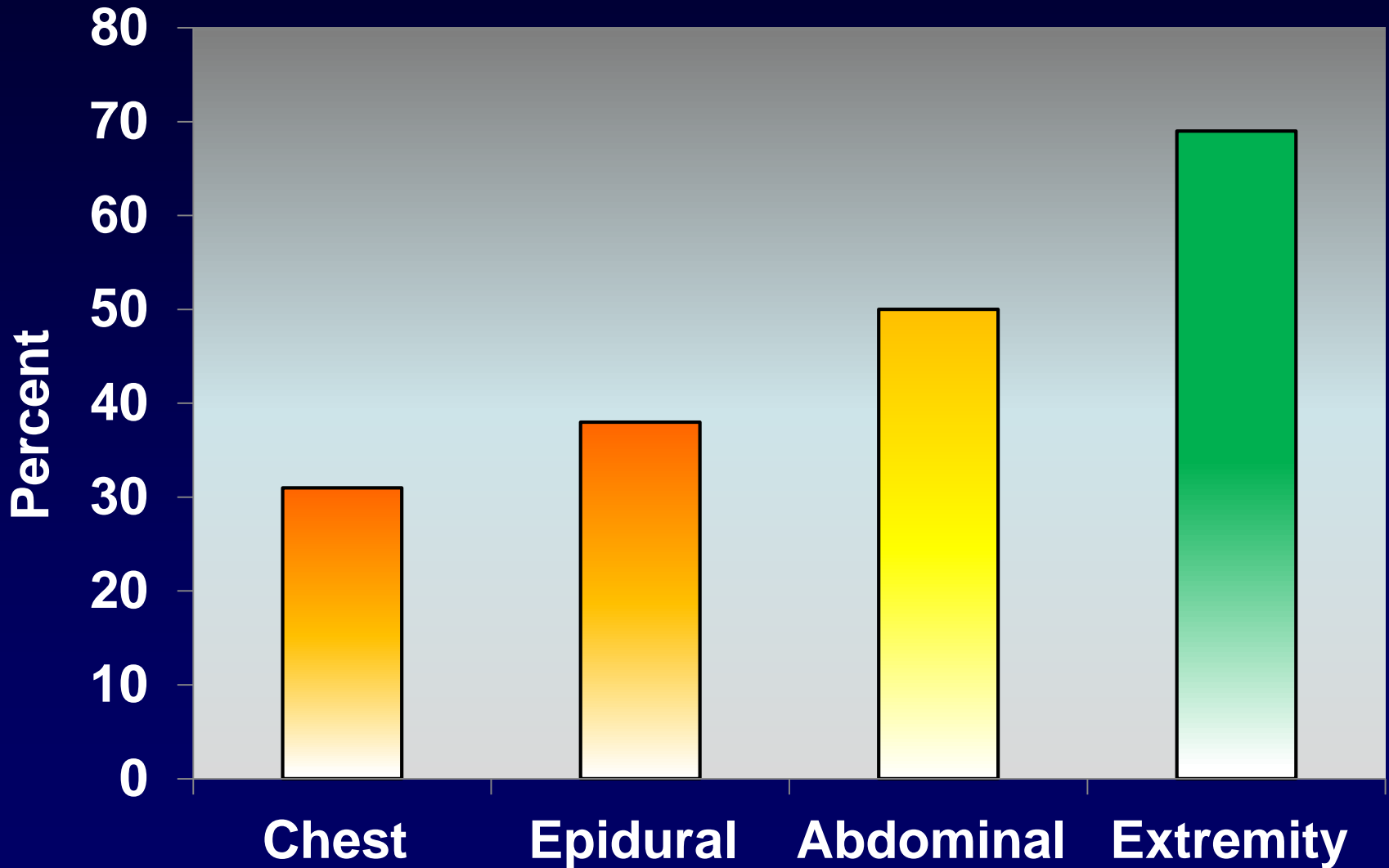
**POSSE**

# SCREENING TOOL



**POSSE**

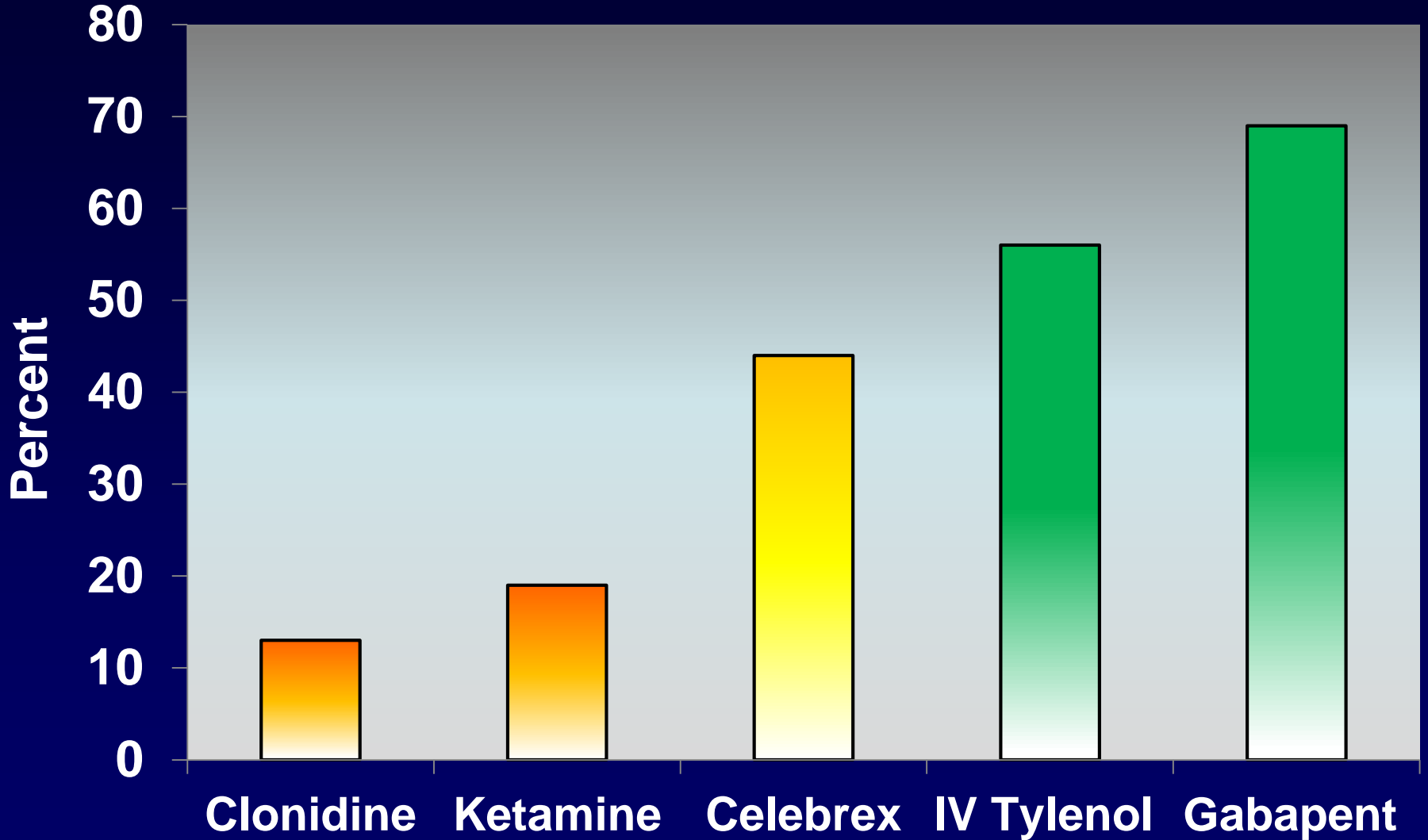
# REGIONAL BLOCKS\*



\*Always + Often

**POSSE**

# MEDICATIONS ALTERNATIVES\*



**\*Always + Often**

# **NSQIP MEASUREMENT**

- **Eight Custom Fields – ACS**
- **Many compatible with ISQIC**

## **1 – Opioid Use Screen**

**Yes, No**

- If Yes**
- **Fibromyalgia**
  - **Chronic pain disorder**
  - **Substance use disorder**

## **2 – Preop Opioid Prescriptions (180 days)**

**Yes, No – (PDMP)**

- If Yes**
- **Drug, Strength, #, Freq**

**POSSE**

# **NSQIP MEASUREMENT**

**3 – Preop Benzodiazepine**

**Yes, No, Unknown (PDMP)**

**If Yes – Drug**

**4 – Intraop Opioid**

**Yes, No**

**5 – Intraop Block**

**Yes, No**

**If Yes – Type (N=4)**

# **NSQIP MEASUREMENT**

**6 – Multi-modal Pain Management**

**Yes, No**

**If Yes – Type (N=6)**

**7 – Discharge Opioid Prescription**

**Yes, No**

**If Yes – Drug, Strength, #, Freq**

**8 – Opioid Refill After Discharge**

**Yes, No (PDMP – 30 days)**

**If Yes – Drug, Strength, #, Freq**

**POSSE**

# ACS SUPPORT

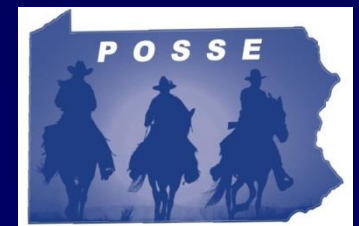
- Eight Custom Fields developed by PANC and installed by ACS
- Each NSQIP hospital signs an addendum to existing agreements allowing ACS to analyze data for this project
- Goal is to begin data collection on September 2019 cases



**PANC**



**ACS-NSQIP**



**POSSE**



## POSSE

# 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†

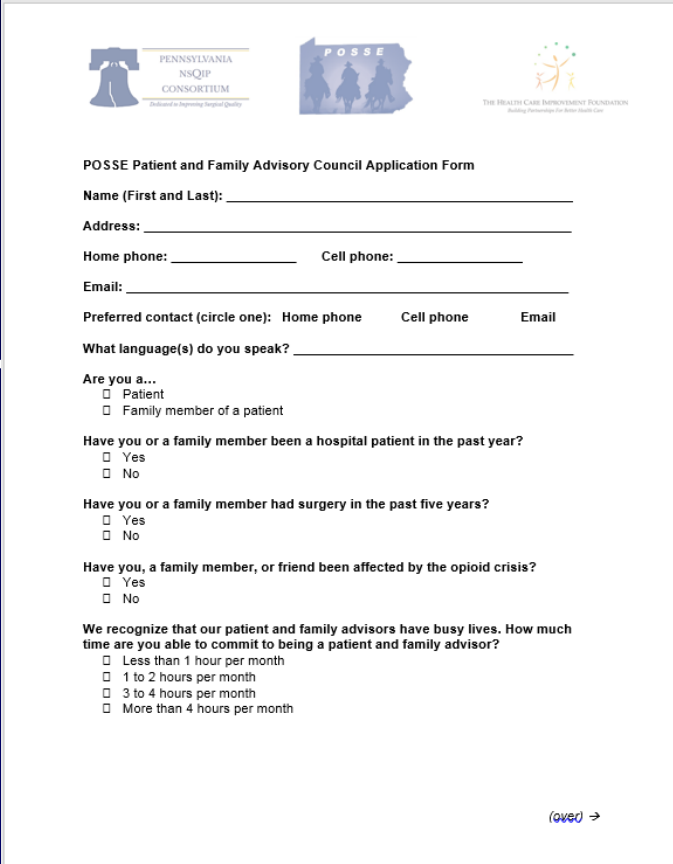
<u>Procedure</u>		<u># Pills*</u>
• Hysterectomy	– MIS	10
	– Open	20
• Total hip		20
• Total knee		20
• Spine		20
• Nephrectomy	– MIS	10
	– Open	20
• Aortoiliac	– Endo	10
	– Open	20
• Peripheral vase	– Endo	10
	– Open	20

† Opioid naïve patients

## POSSE

# PFAC FORMATION

- Hospital survey PFACs – 81%
- Ideal members
  - PFAC experience
  - Empathy/understanding
  - Ability to participate, listen
  - Passion for improvement
- Expectations
  - 3 Training sessions
  - 1 in-person session
  - Review/enhance materials



The image shows a sample application form for the POSSE Patient and Family Advisory Council. At the top, there are three logos: the Pennsylvania NSQIP Consortium logo, the POSSE logo, and the Health Care Improvement Foundation logo. The form itself is titled "POSSE Patient and Family Advisory Council Application Form" and contains several sections for personal information and preferences. It includes fields for name, address, home and cell phone numbers, and email. There are also checkboxes for preferred contact methods and language(s) spoken. A section titled "Are you a..." has checkboxes for "Patient" and "Family member of a patient". Below that, there are three questions with checkboxes: "Have you or a family member been a hospital patient in the past year?", "Have you or a family member had surgery in the past five years?", and "Have you, a family member, or friend been affected by the opioid crisis?". The final section asks about the applicant's availability, with checkboxes for "Less than 1 hour per month", "1 to 2 hours per month", "3 to 4 hours per month", and "More than 4 hours per month". A small "(over) →" text is located at the bottom right of the form.

POSSE Patient and Family Advisory Council Application Form

Name (First and Last): \_\_\_\_\_

Address: \_\_\_\_\_

Home phone: \_\_\_\_\_ Cell phone: \_\_\_\_\_

Email: \_\_\_\_\_

Preferred contact (circle one): Home phone    Cell phone    Email

What language(s) do you speak? \_\_\_\_\_

Are you a...

Patient

Family member of a patient

Have you or a family member been a hospital patient in the past year?

Yes

No

Have you or a family member had surgery in the past five years?

Yes

No

Have you, a family member, or friend been affected by the opioid crisis?

Yes

No

We recognize that our patient and family advisors have busy lives. How much time are you able to commit to being a patient and family advisor?

Less than 1 hour per month

1 to 2 hours per month

3 to 4 hours per month

More than 4 hours per month

(over) →

Application

## **POSSE**

# **NEXT STEPS**

- **Complete hospital enrollment**
- **Finalize Custom Field measures**
- **Sign addendum to existing ACS agreement (NSQIP hospitals)**
- **Consider POSSE Guideline revisions**
- **Train POSSE Patient and Family Advisory Council (PFAC)**
- **Develop educational materials**