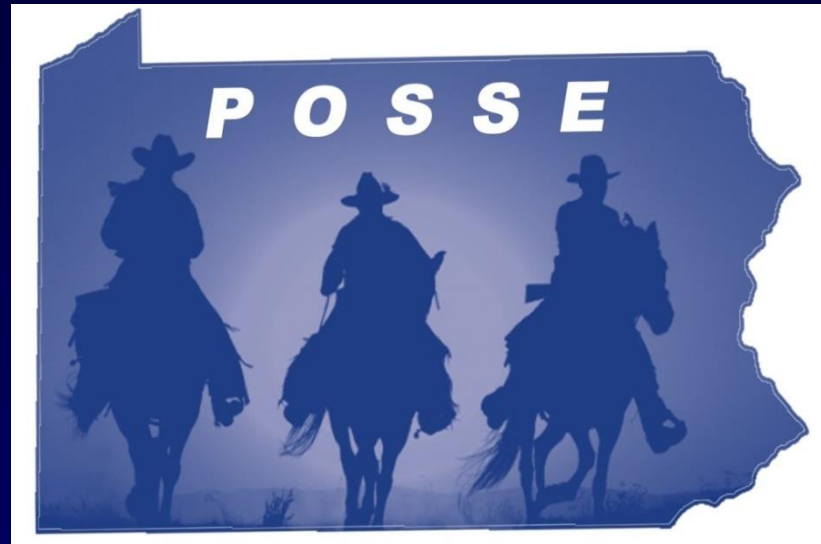


PENNSYLVANIA OPIOID SURGICAL STEWARDSHIP ENTERPRISE



**Henry A. Pitt, M.D.
Executive Director, POSSE**

**Pennsylvania NSQIP Consortium
July 23, 2020**

POSSE

OVERVIEW

- **Collaboration**
- **POSSE procedures**
- **Timeline**
- **Procedure specialties**
- **Hospitals**
- **Data analysis**
- **POSSE sites**
- **Data future**

POSSE

COLLABORATION

- HCIF



- ISMP



- PANC



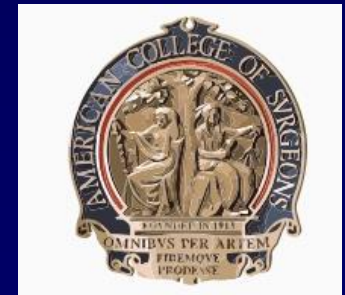
- ISQIC



- Amerisource
Bergen



- ACS



POSSE

TIMELINE – YEAR 2*

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

*September 1, 2019 – August 31, 2020

POSSE

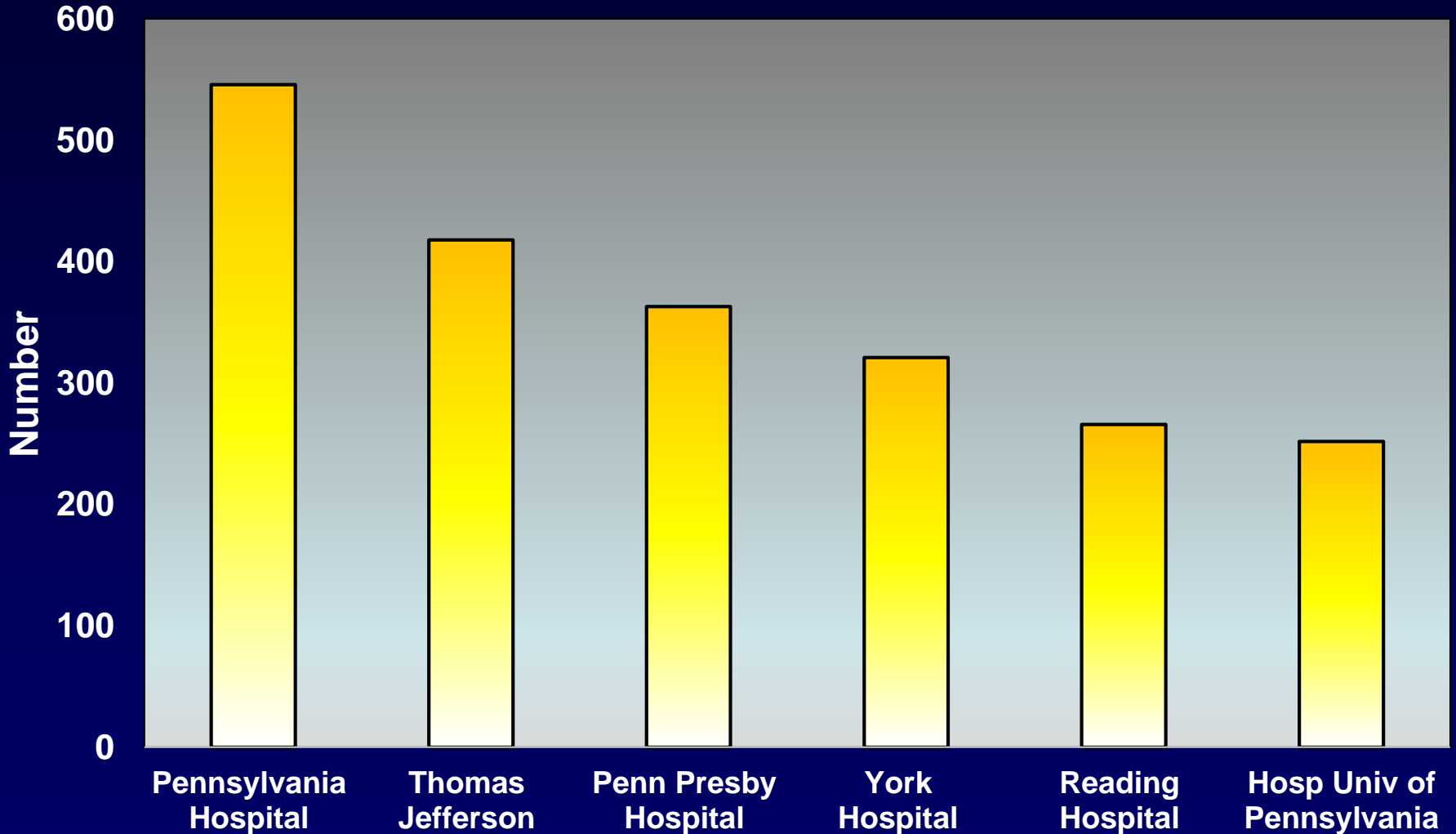
HOSPITAL ENROLLMENT

- **NSQIP** **-18**
 - **AMCs** **-5**
 - **Affiliates** **-9**
 - **Others** **-4**
- **NON-NSQIP** **-26**
 - **St. Lukes** **-9**
 - **Lehigh Valley** **-7**
 - **Mainline** **-4**
 - **Jeff NE** **-3**
 - **Mercy** **-3**



POSSE

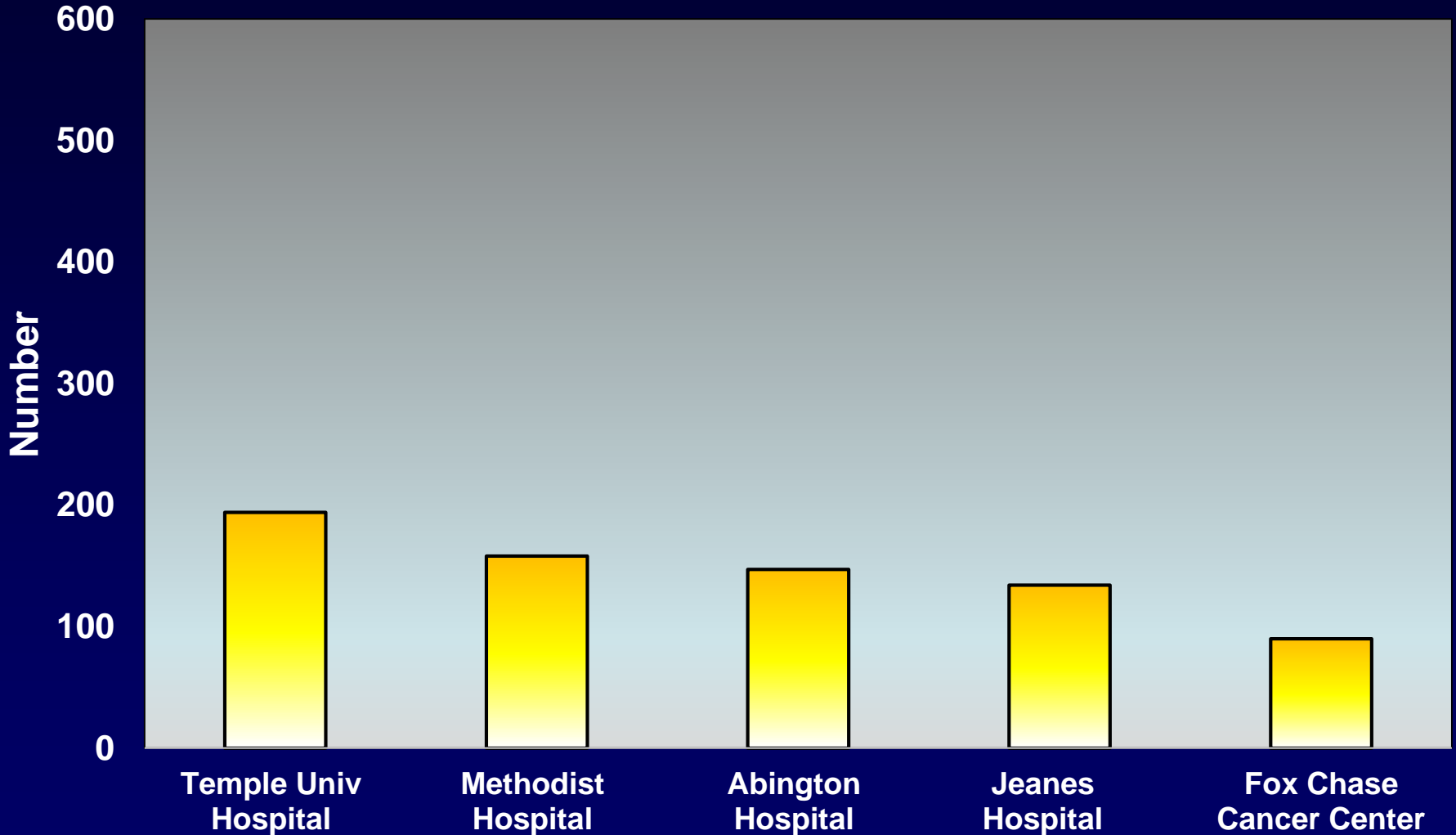
PROCEDURES* – SITE



*2,889

POSSE

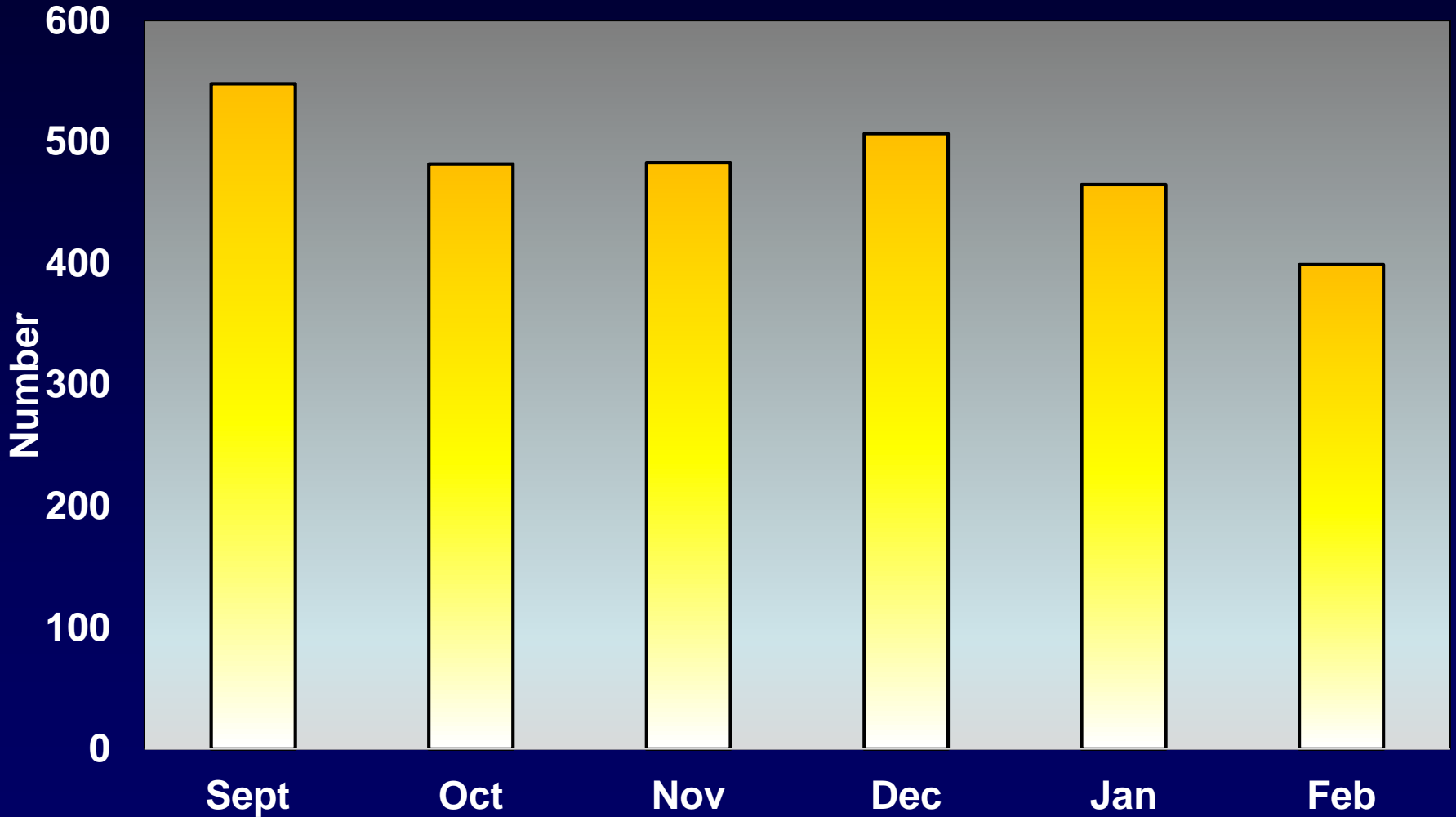
PROCEDURES* – SITE



***2,889**

POSSE

PROCEDURES* – MONTH



***2,884**

POSSE

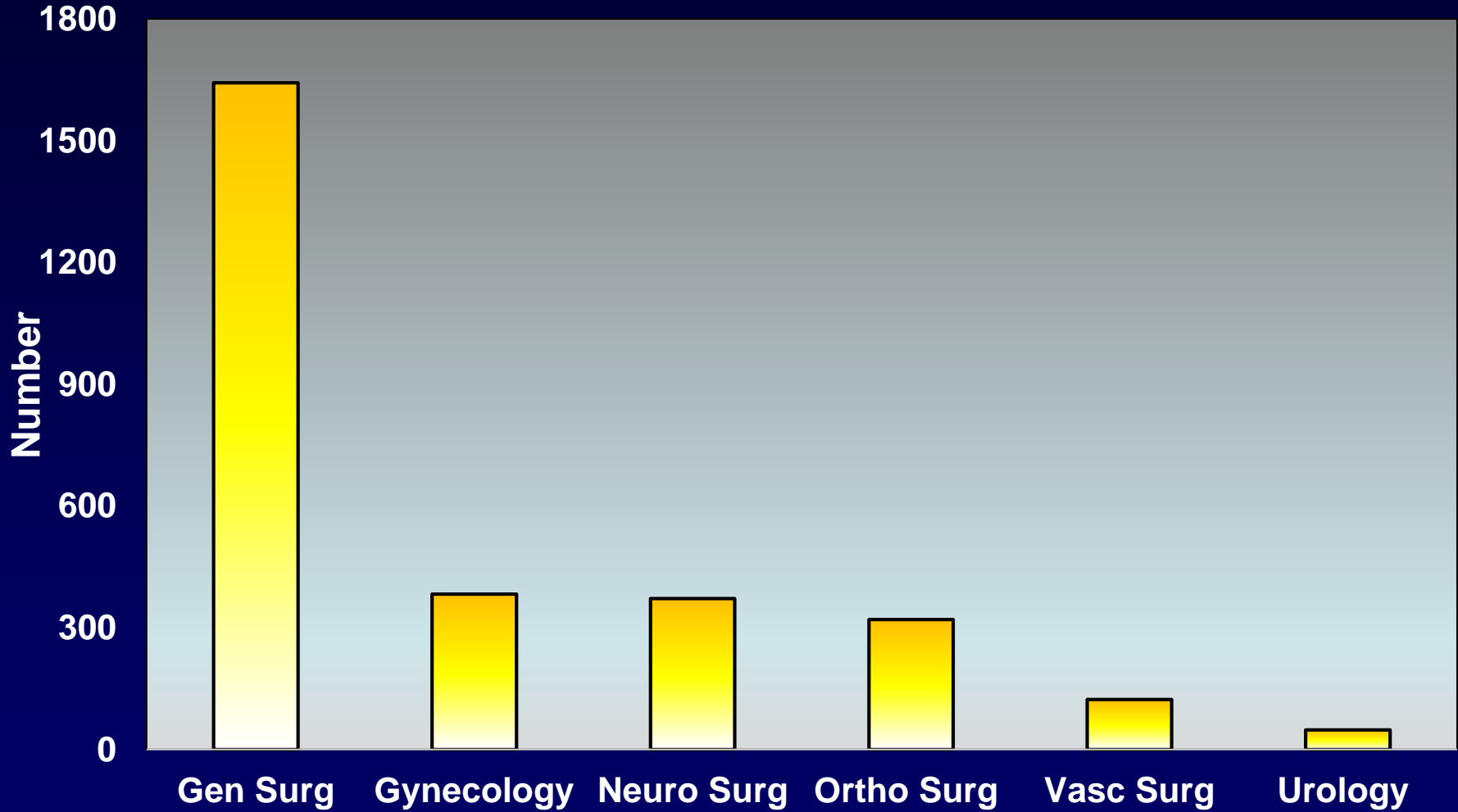
NSQIP PROCEDURES*

- **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

***Even Days**

POSSE

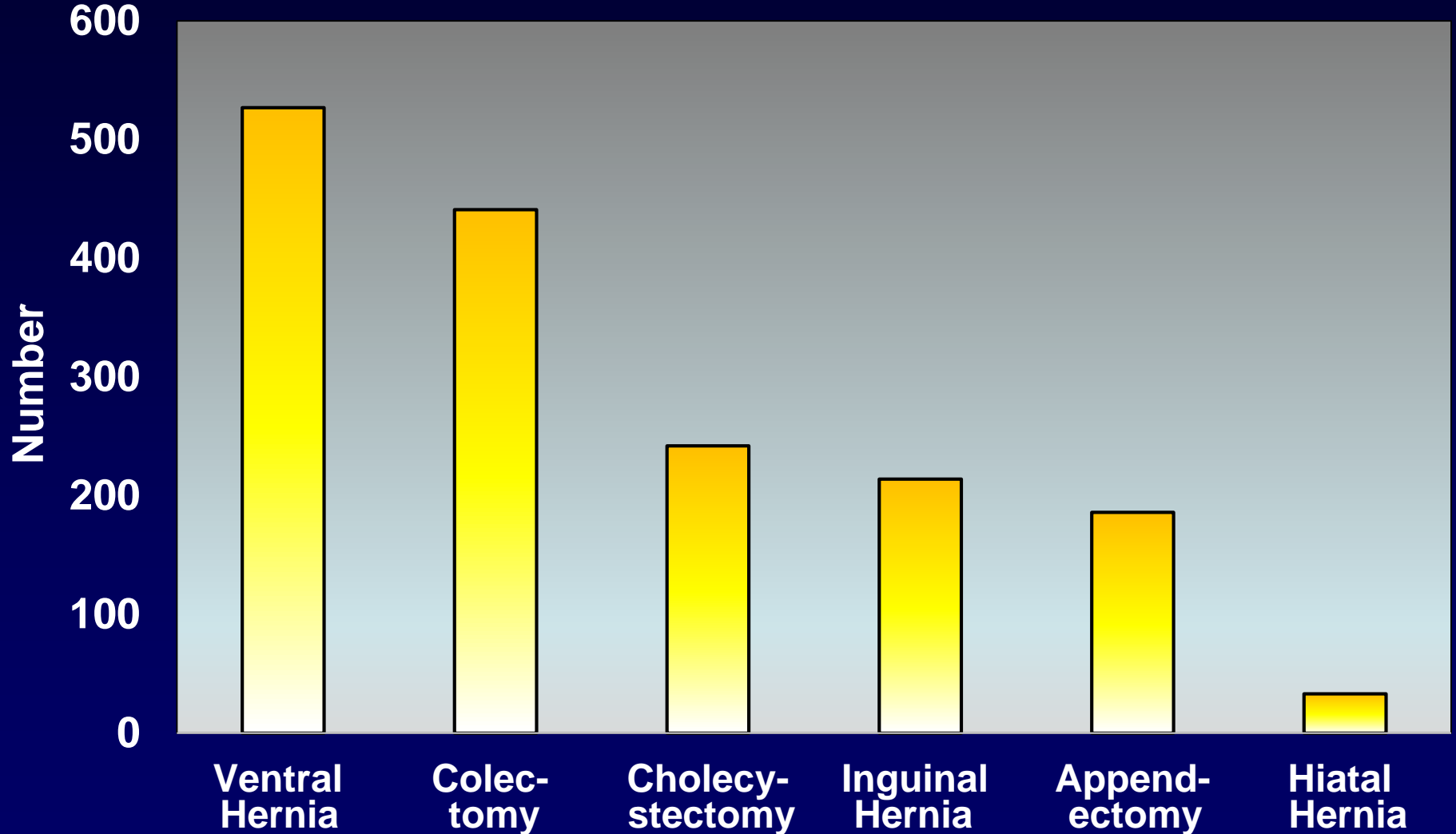
PROCEDURES* – SPECIALITY



***2,889**

POSSE

PROCEDURES – GENERAL SURG*

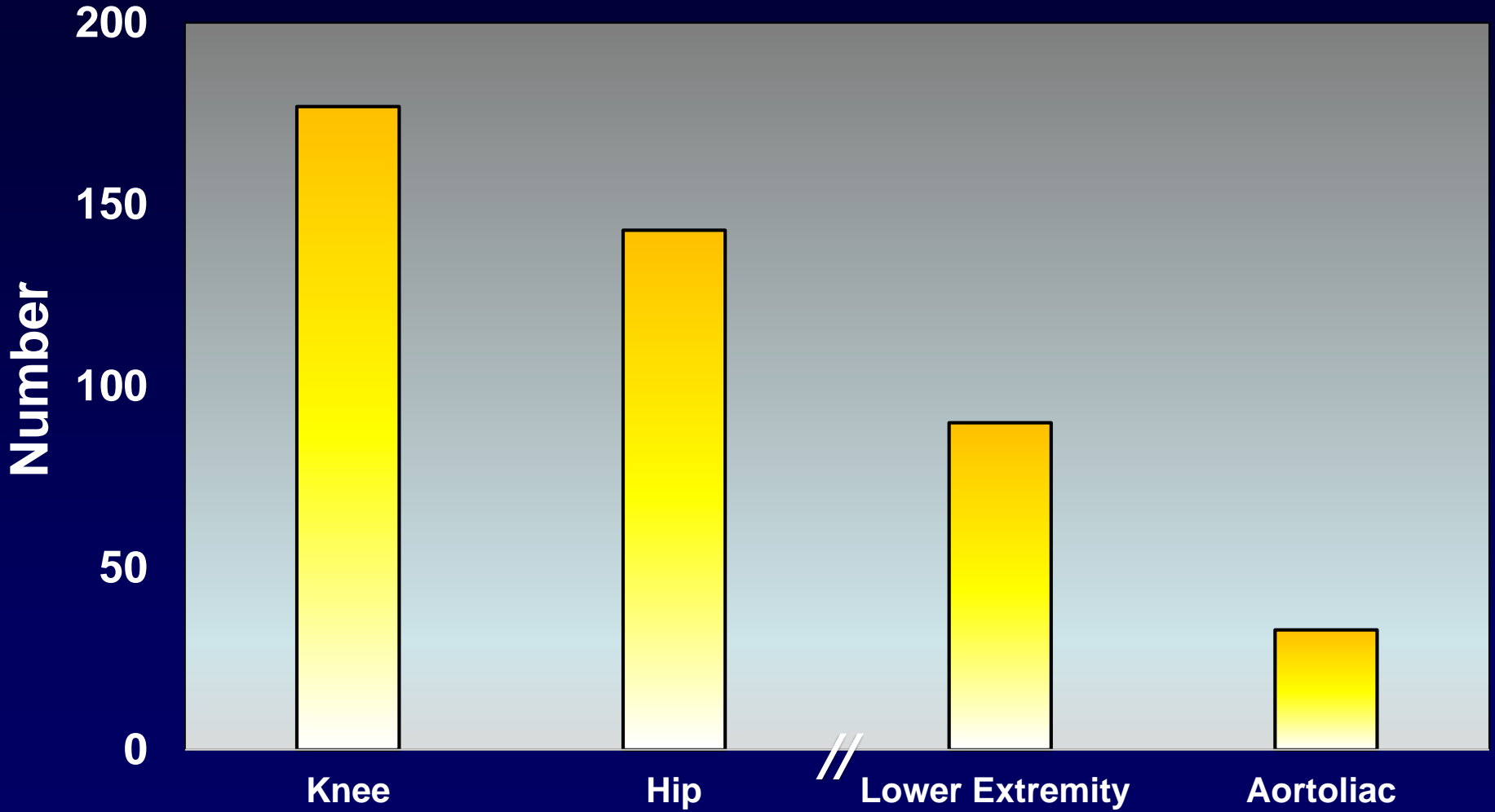


***1,643**

2,669

POSSE

PROCEDURES – ORTHO*+VASC†



*320 †123

POSSE

SUMMARY

- **11 sites gathered 2,889 cases**
 - Pennsylvania Hosp – 19%, TJUH – 15%
- **6 months Sept 2019 → Feb 2020**
- **General Surgery – 57%, Urology – 2%**
 - Ventral Hernia – 18%, Colectomy – 15%
- **Hiatal hernia – 1%, Aortoiliac – 1%**

POSSE

DATA ANALYSIS

- **Preoperative opioids* → outcomes**
- **Pain, fibromyalgia, SUD* → outcomes**
- **Opioids + pain* → outcomes**
- **Benzodiazopines* → outcomes**
- **Opioid alternatives*† → outcomes**
- **Discharge scripts/refills* → outcomes**

***By site/procedure/approach**

†Blocks/medications

DATA FUTURE

- **NSQIP Sites**
 - Reading, Guthrie, Penn State
 - Geisinger, UPMC
 - RWJUH, UH Newark
- **NSQIP procedures**
 - Hiatal hernia, Aortoiliac
 - Pulmonary, pancreatic
- **POSSE variables**
 - PDMP
- **POSSE cases**
 - September 1, 2020
 - Half vs all