

## A Decade of Da Vinci: Precision Through Robotics Gregg Puluka, MSN, RN, CNOR, Felix Rivera, RNFA, CNOR Saint Peters University Hospital, New Brunswick, New Jersey



### Purpose / Goal of poster

The purpose of this presentation is to illustrate the safety and efficacy of the da Vinci program, over the last ten years, is directly related to the training and preparedness of the surgical team.

# Teamwork and Training Brings Success to Our da Vinci program for Ten years

- Saint Peter's University Hospital Davinci program uses training and teamwork to reach peak utilization with exceptional safety.
- Our DaVinci robot surgical team consists of nurses, surgical technologists, RNFAs, residents, anesthesia providers and attending physicians.
- In preparing for cases, we begin with the training of the staff and allocation of appropriate resources.
- Our assessment of the program is by utilization numbers and patient safety standards. The implementation of the program is through multimodal training programs and the creation of safety protocols.
- The outcome is that our program has increased utilization, rapid discharge in comparison to non-robotic procedures and high safety outcomes.
- The implications for perioperative nursing are that through nursing driven coordination of care we can ensure that quality care is given to patients consistently.
- Our Utilization of our da Vinci robots is higher than 96.49% of the hospitals in the US during our second quarter in 2022.

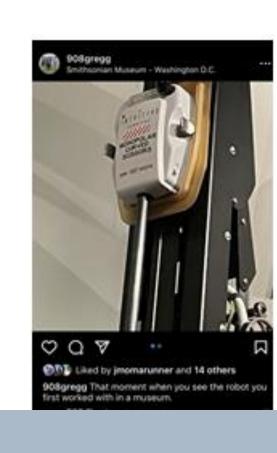
### Universal Training and Team building

- Intuitive online training- Every member of the team completes online training prior to participating in the da Vinci Robot team.
- Group exercises- Periodic hands on emergency training is done in house by trained Intuitive instructors.

### **Overall Dedication**

Dedication includes thinking about the robot even when on vacation.





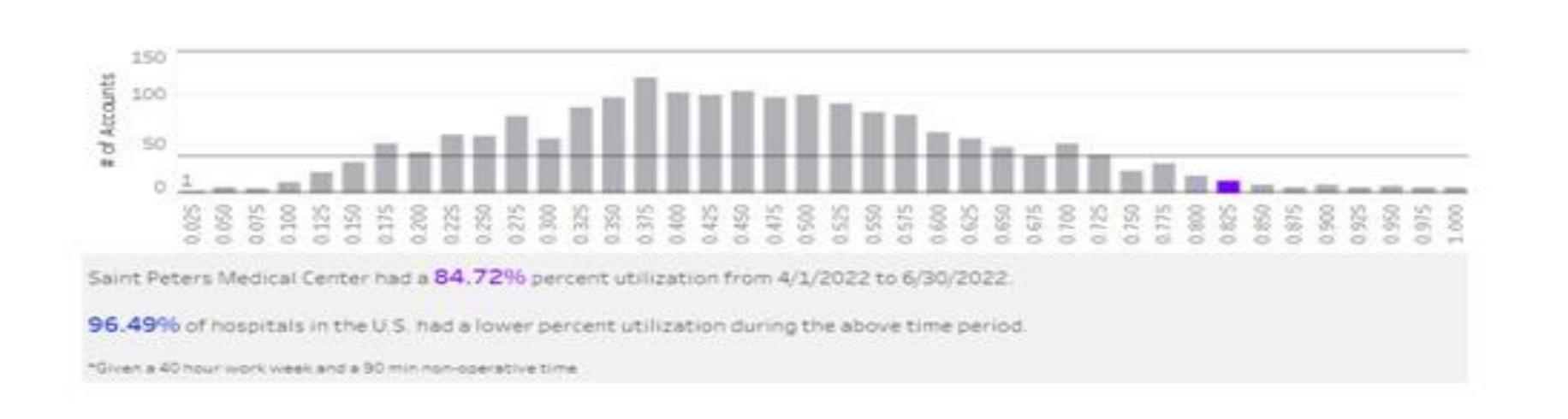
# Our Surgical Technologist team and Robots Our Back Table Set Up

### Procedural Volume

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### Q2 2022 Nationwide Utilization Benchmarking

General Surgery - Oynecology - Urology



# First Single Site Robotic Surgery in Central NJ Revolutionizing Woman's Health Through Robotic Surgery SANT PETER'S ANNUE RESIDENCE SURGERY ANNUE AND ANN

### Cosmetically pleasing While Reducing Hospital Time & Pain

Robotic surgery for treating women's

recovery and improved quality of life."

pelvic disorders results in a faster

 "For the patient, benefits of robotic-assisted surgery may include significantly less pain due to the smaller incisions, less blood loss and less scarring. Patients may also be able to look forward to a shorter recovery time and a faster return to daily activities," said Maureen Cernadas, MD, FACOG, gynecologic surgeon at Brunswick Hills OB-GYN/Axia Women's Health in East Brunswick



### References

About da Vinci Systems. Retrieved online 9/11/2022; <u>Da Vinci</u> Surgery | Da Vinci Surgical System | Robotic Technology

Training da Vinci Service Community. Retrieved online 9/11/2022;https://www.davincisurgerycommunity.com/en-GB/web/guest/training

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