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Introduction

- ERAS is a multimodal approach to perioperative care shown to improve patient outcomes by returning patients to baseline physiology rapidly after surgery.
- **ERAS** emphasizes the use of opioid-sparing analgesics to achieve post-operative pain management.
- Though it has been shown that ERAS implementation has successfully reduced inpatient opioid use, evidence in the reduction of post-discharge opioid prescribing patterns is lacking.

Methods

- This study includes women undergoing gynecologic surgery at University Medical Center (UMC) both before and after the ERAS program was implemented in March 2019.
- Data was abstracted, and patients were grouped as pre (1/1/18-2/28/19) and post (3/1/19-8/31/21) ERAS implementation.
- **Inpatient opioid use and post-discharge opioids prescribed** are in the process of being abstracted in milligram morphine equivalents (MME).
- Length of hospital stay, readmission within 30 days, pain scores, and demographics were recorded.
- Minor procedures were excluded from this study.

| | Pre- ERAS (676) | Post-ERAS (1352) | p-value |
|---------------------------|--------------------|---------------------|---------|
| White Race | 56 (16.3) | 159 (20.6) | 0.087 |
| Black Race | 210 (61.2) | 414 (53.6) | |
| Other Race | 266 (77.6) | 573 (74.1) | |
| Hispanic Ethnicity | 71 (20.7) | 185 (23.9) | 0.268 |
| Non Hispanic Ethnicity | 272 (79.3) | 588 (76.1) | |
| Private Insurance | 64 (18.7) | 153 (19.2) | 0.719 |
| Public Insurance | 279 (81.3) | 620 (80.2) | |
| Age | 42.86 (10.23) | 43.56 (11.64) | 0.311 |

Table 1. Demographic breakdown of participants in this study.

Has enhanced recovery after surgery (ERAS) changed opioid prescribing patterns in gynecologic surgery?

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