

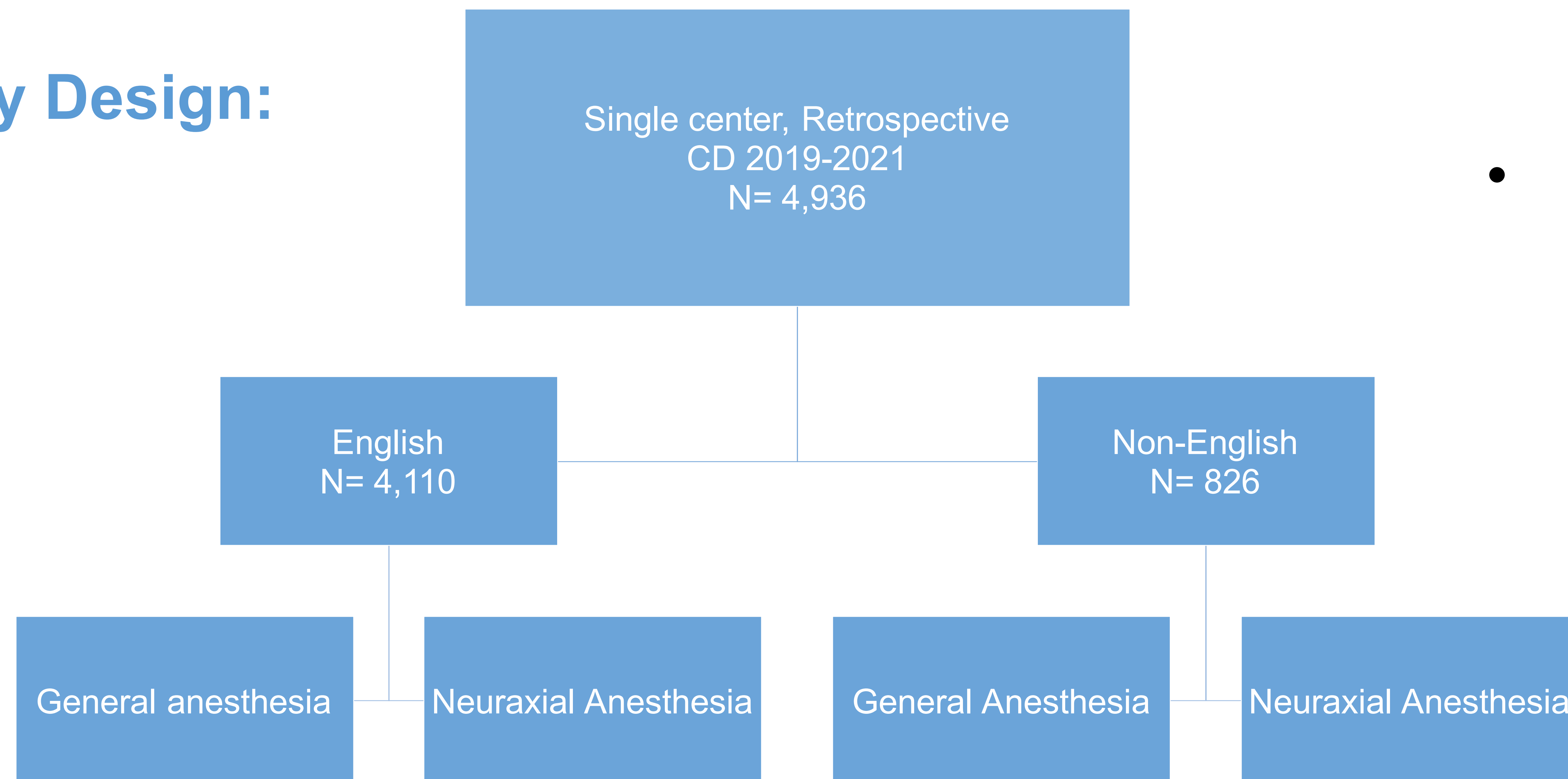
Rates of General Anesthesia for Cesarean Delivery in Women Identifying a Non-English Primary Language: A Quality Improvement Project

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Primary Aim: Compare rates of general anesthesia for cesarean delivery between women who identify English versus non-English primary language

Study Design:



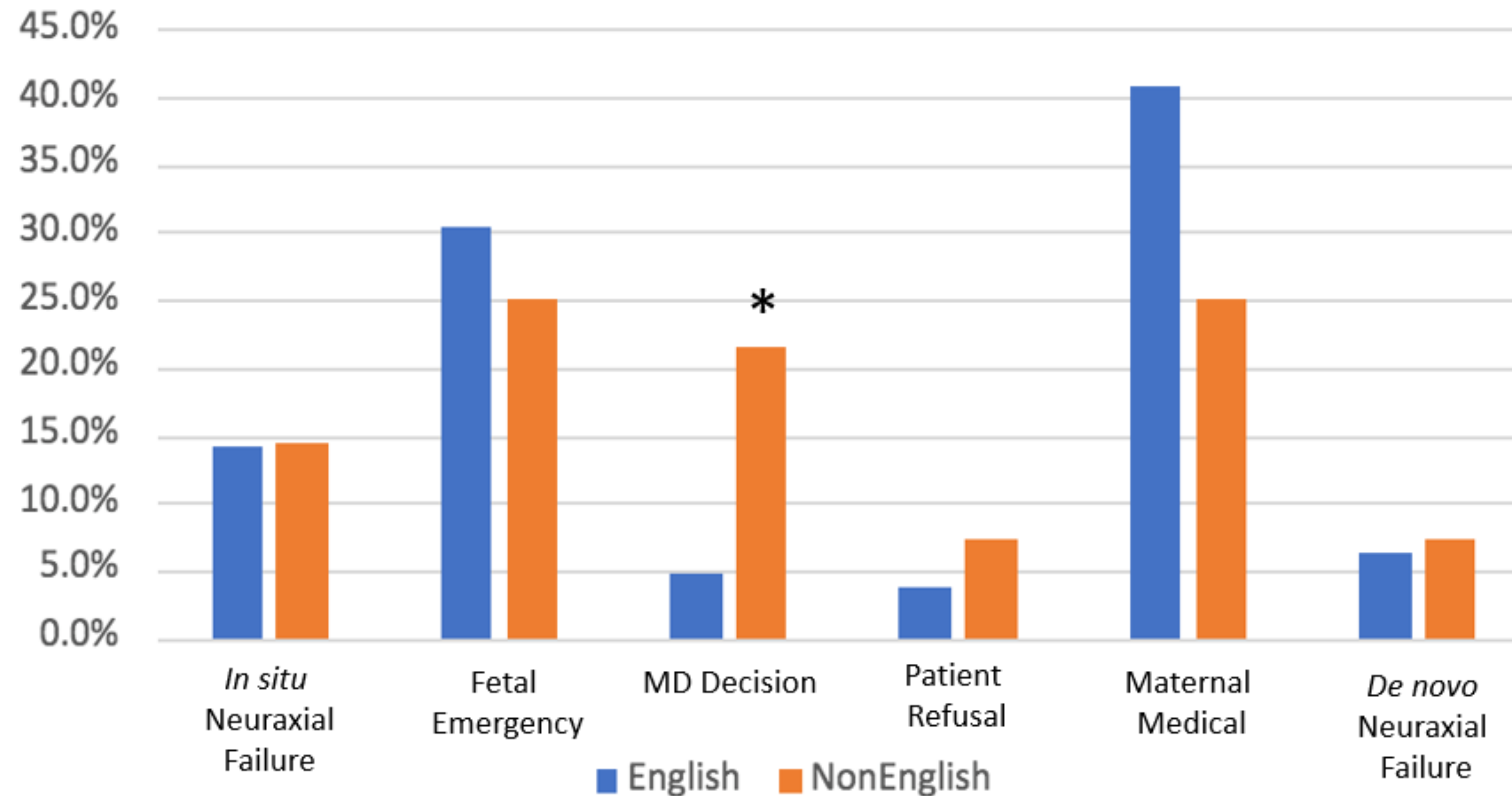
Variables and analysis:

- Primary language self reported by patients
- Types of anesthesia
 - Neuraxial
 - General
- Indications for GA
 - *In situ* neuraxial failure
 - Fetal emergency
 - MD decision
 - Patient refusal of neuraxial
 - Maternal medical condition
 - *De novo* neuraxial failure

Results



Indications for General Anesthesia



- 4,936 CD identified
 - English → 4,110
 - Non-English → 826
- Overall rate 4.4%
 - English → 4.6%
 - Non-English → 3.4%
 - **P value=0.11**
- More patients in non-English group received GA for MD decision making
 - **P value =0.001**
- All other indications were not significantly different



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Limitations

- Retrospective study
- Interpretation of indication by authors from medical documentation

Significance

- We did not show a difference in GA rates at our institution for women who identify a non-English primary language

Future Directions

- Continued surveillance of GA rates and indications
- Review of intraoperative supplementation

