

Providing a non-sedated lumbar puncture option for families at the Pediatric Cancer Center during COVID-19 Pandemic

Janeen Anderson, MSN, RN, Mackenzi Lee, MA, CCLS, and Deborah Woods, MSN, CPNP



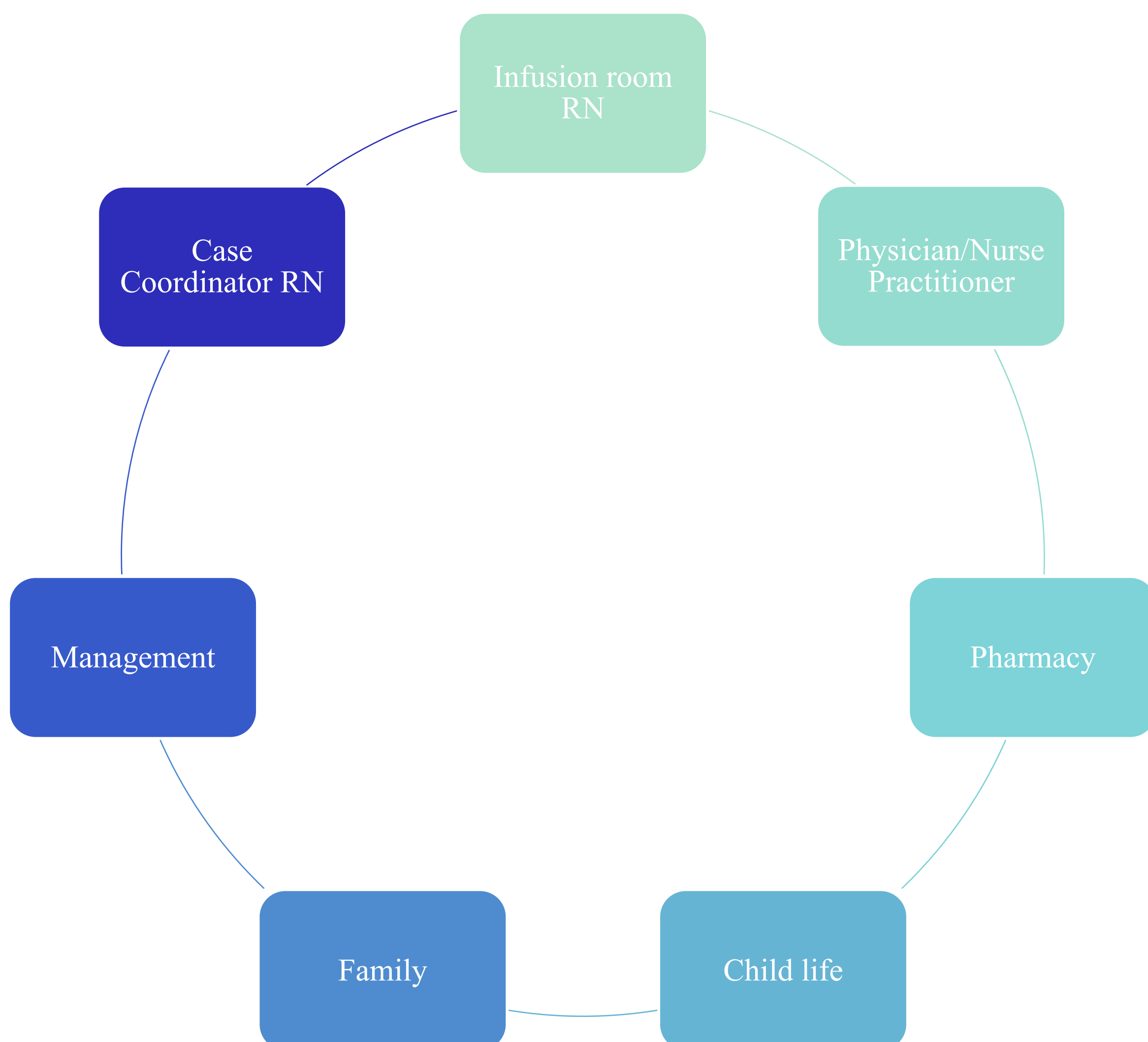
Background

- Frequent lumbar punctures (LP) for children with Leukemias or specific types of Lymphomas.
- In March 2020, COVID-19 forced practice changes.

Goal of Project

1. Create an option for non-sedated LP procedures in school aged or younger patients with leukemia/lymphoma.

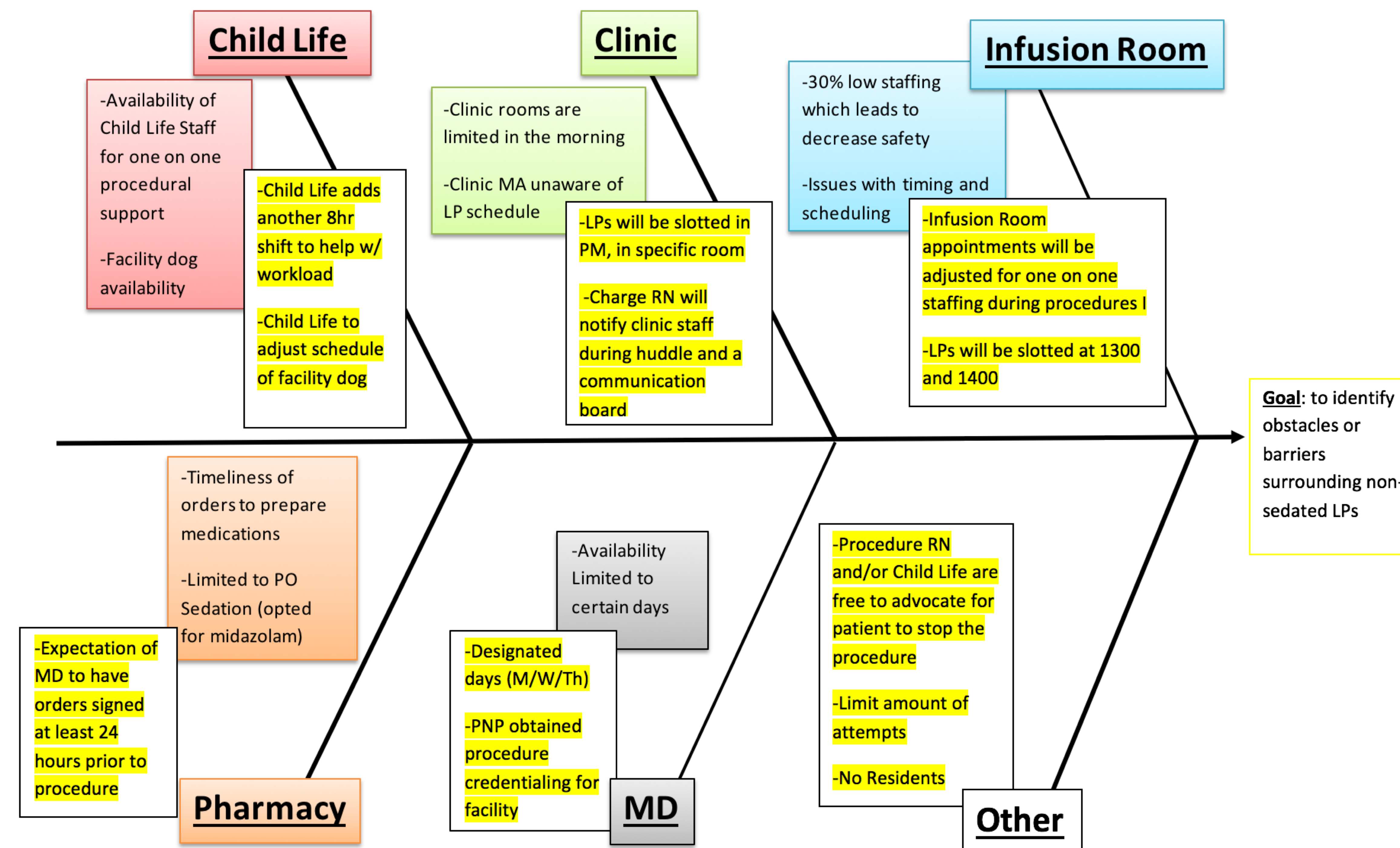
Methodology



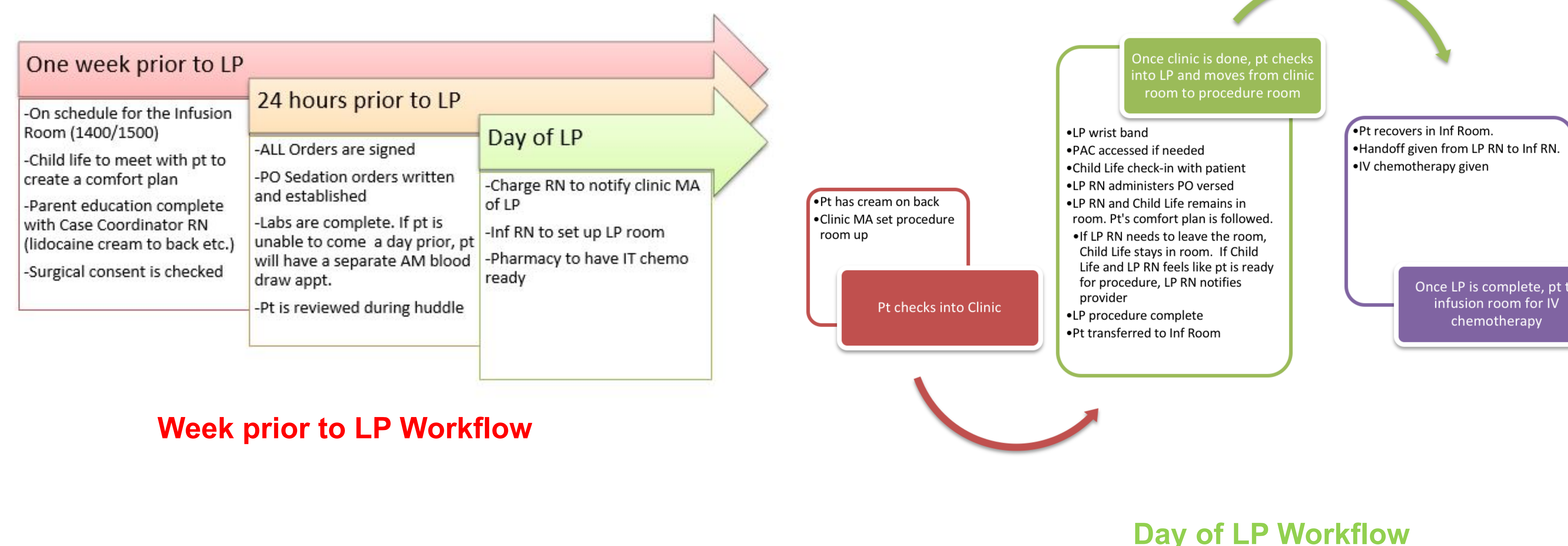
Acknowledgements

Special thanks to Anthony Quam, MSN, RN, for providing the data and manager support during this project, and special thanks to Huggie, UC Davis Cancer Center Facility Dog, for providing support for our pediatric patients.

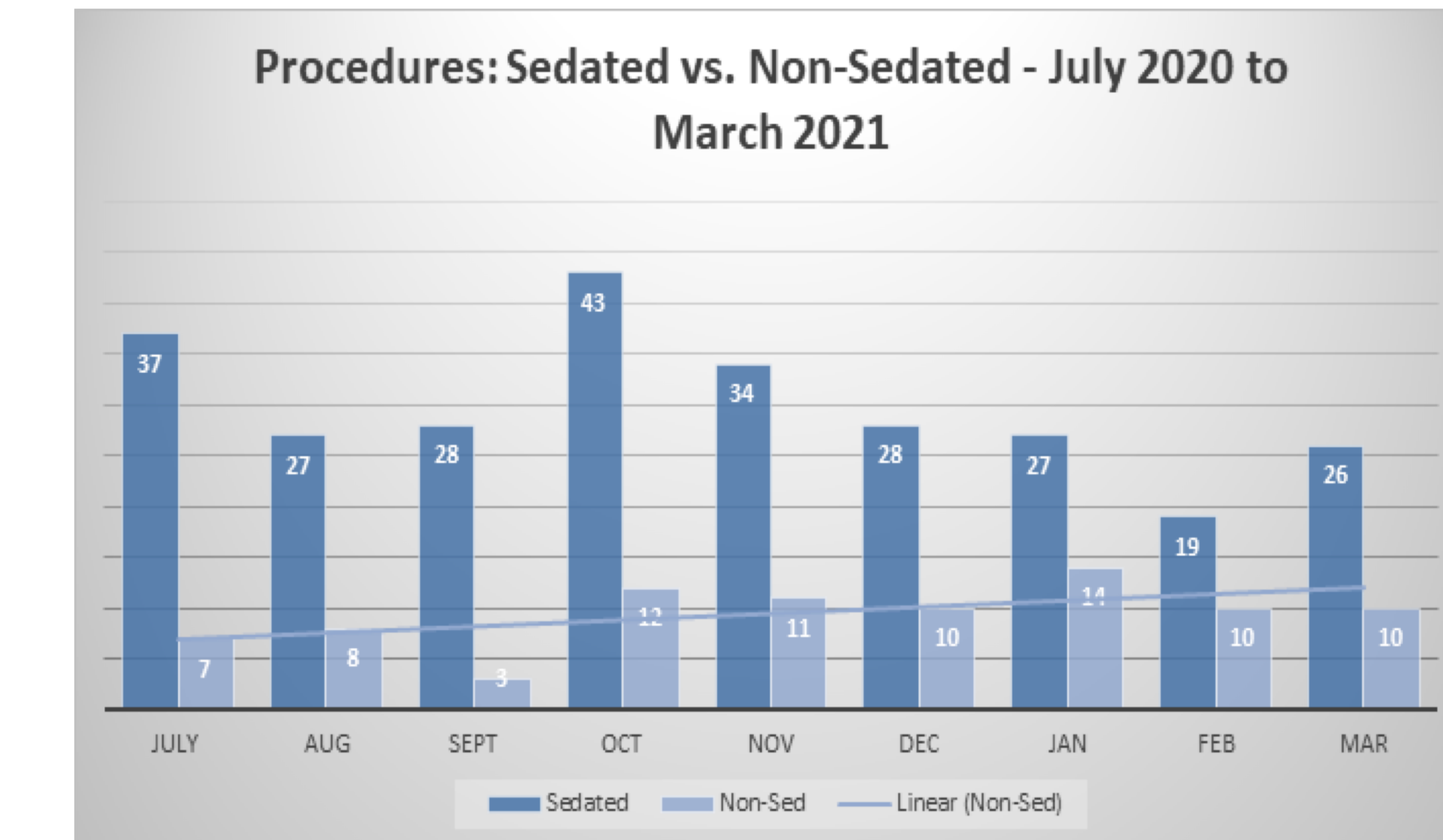
Identifying Barriers



Initiation of New Workflows



Results

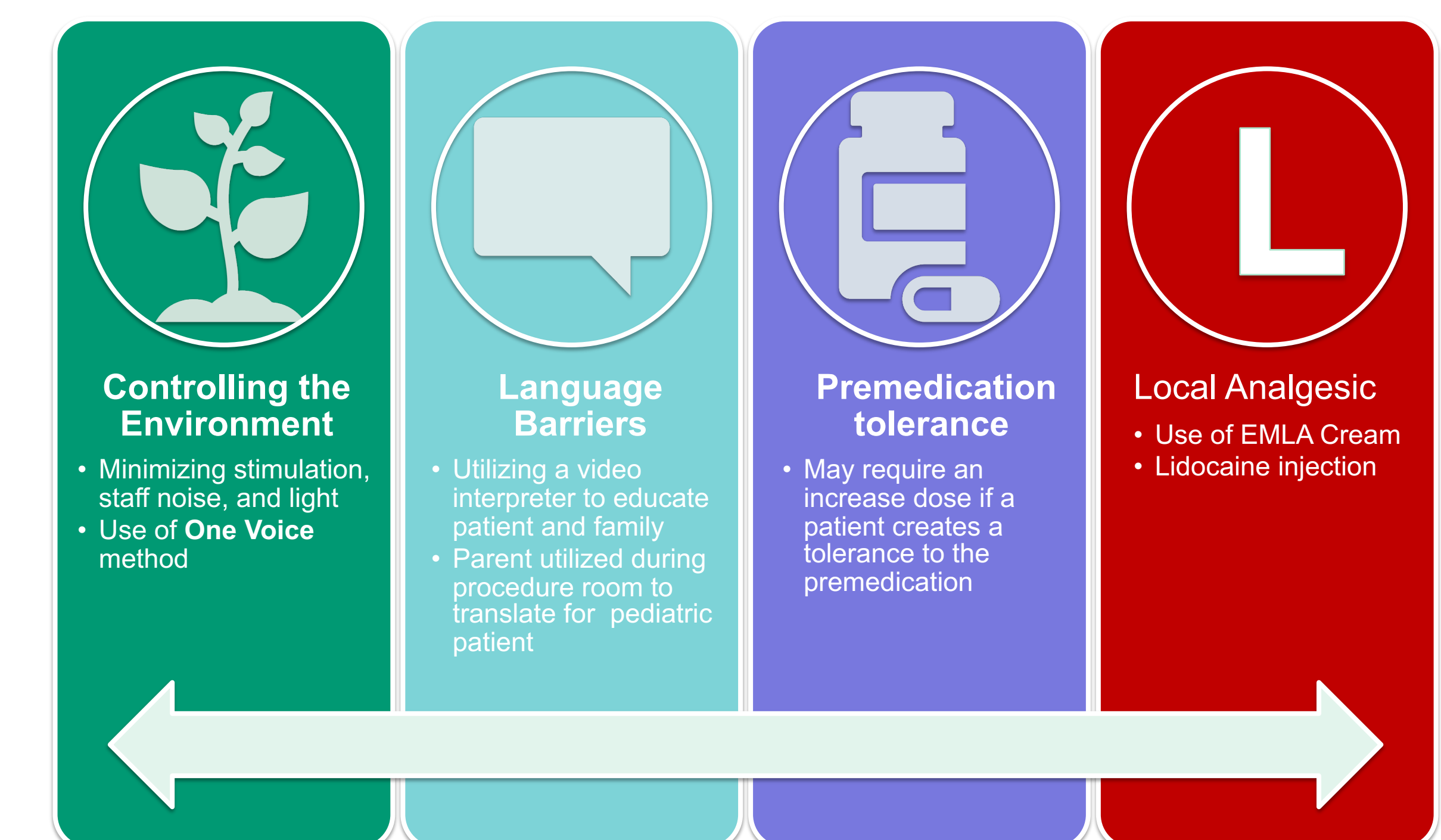


Sedated Procedures: 269
 Non sedated LP's: 85
 Procedure Total : 354

24% of all procedures no longer utilize anesthesia

2019-2020 Non sedated LP's total =39
 120% increase in non sedated LP's

Things to consider



Discussion

- Patient Evaluation
 - Assessments for anxiety
- Midazolam
 - Bitter tasting
 - Alternative routes