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**Title**

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

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

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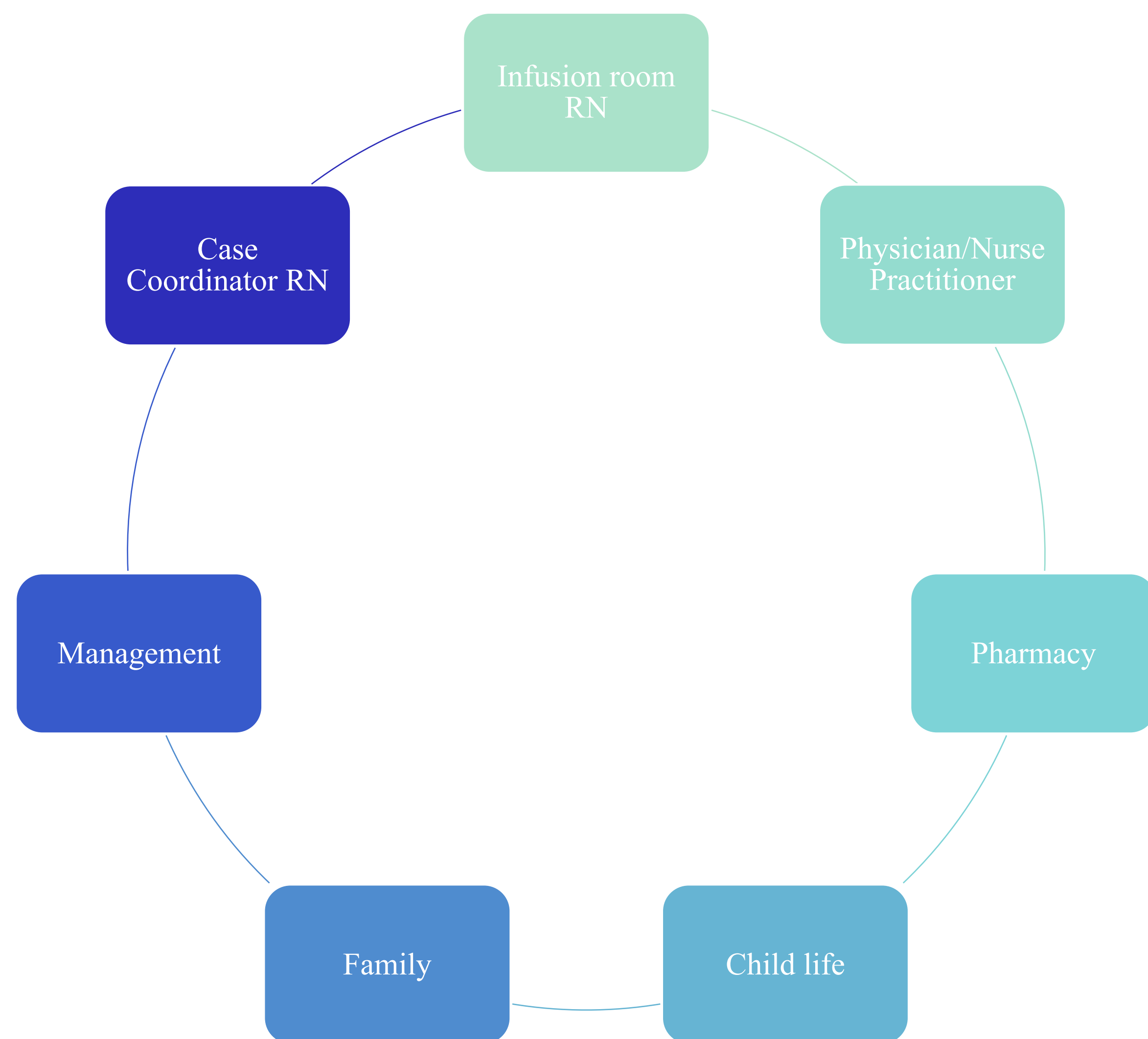
## Background

- 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.

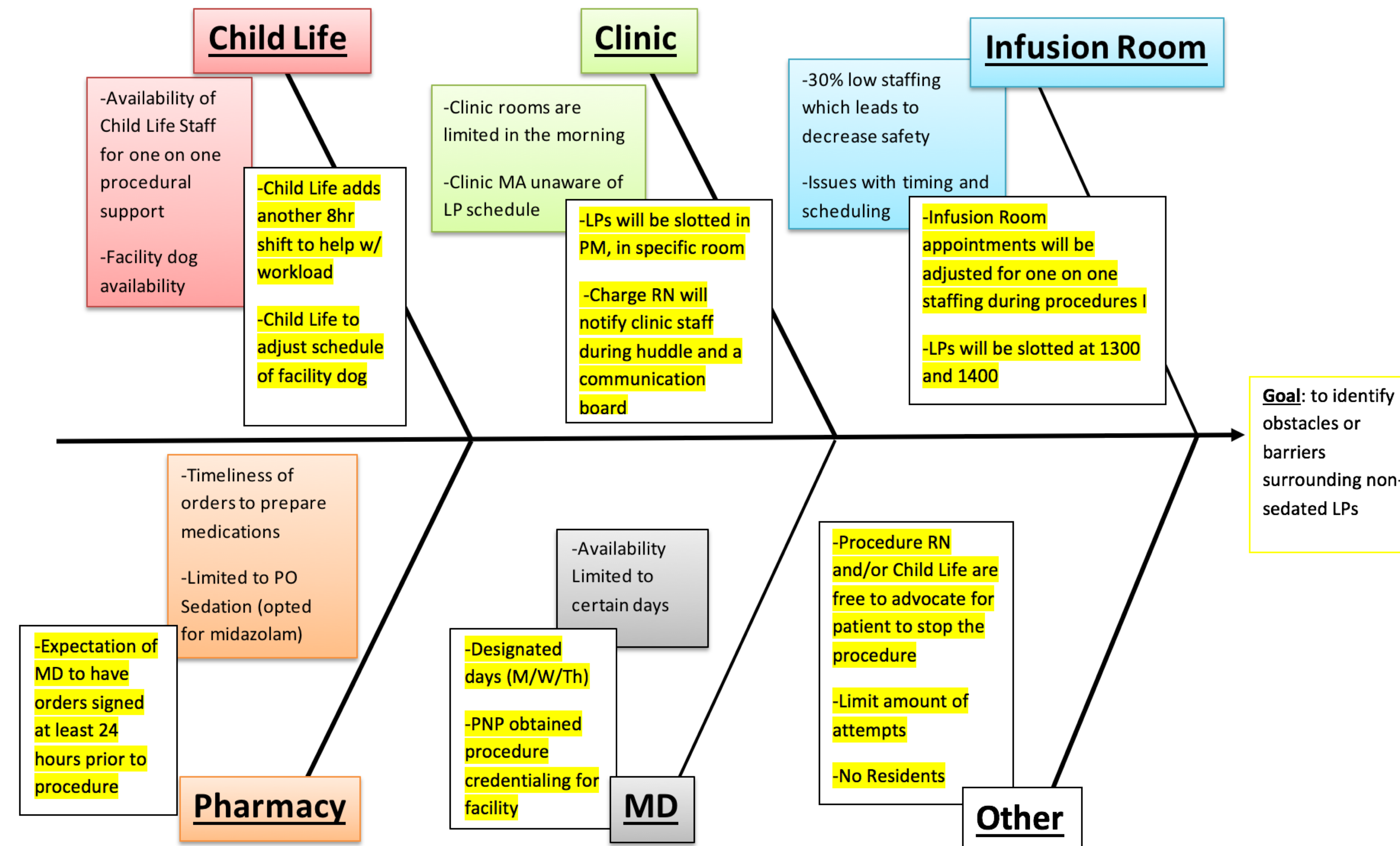
## Methodology



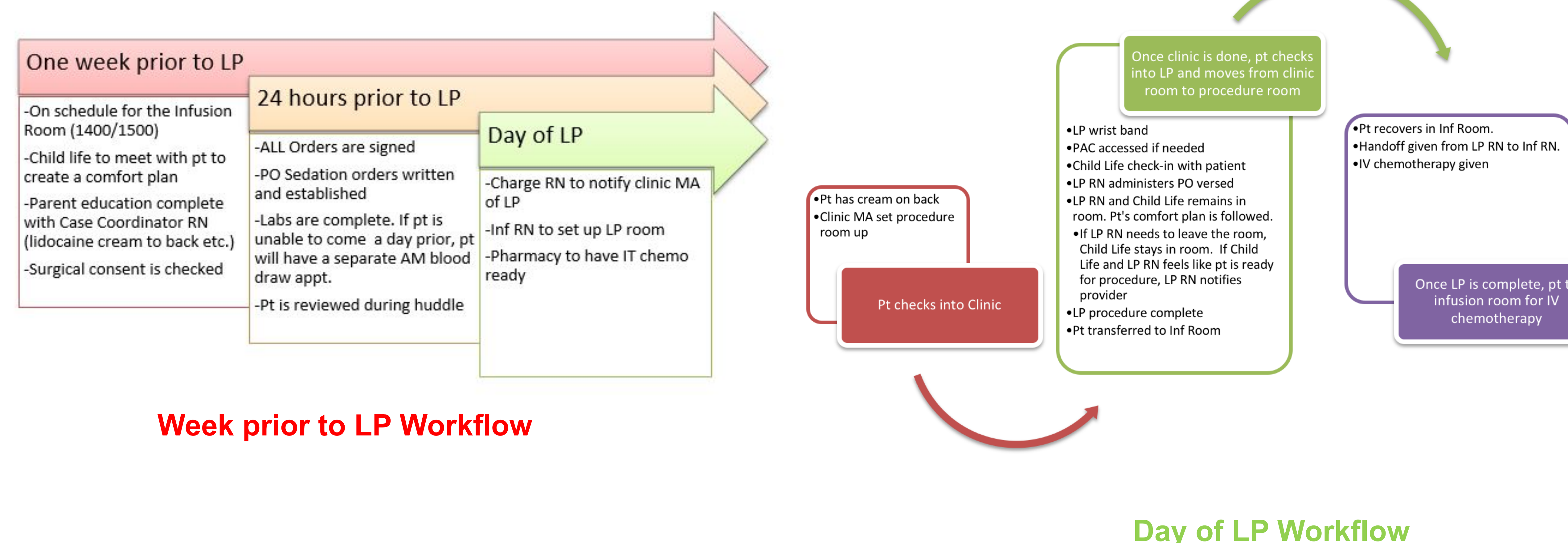
## Acknowledgements

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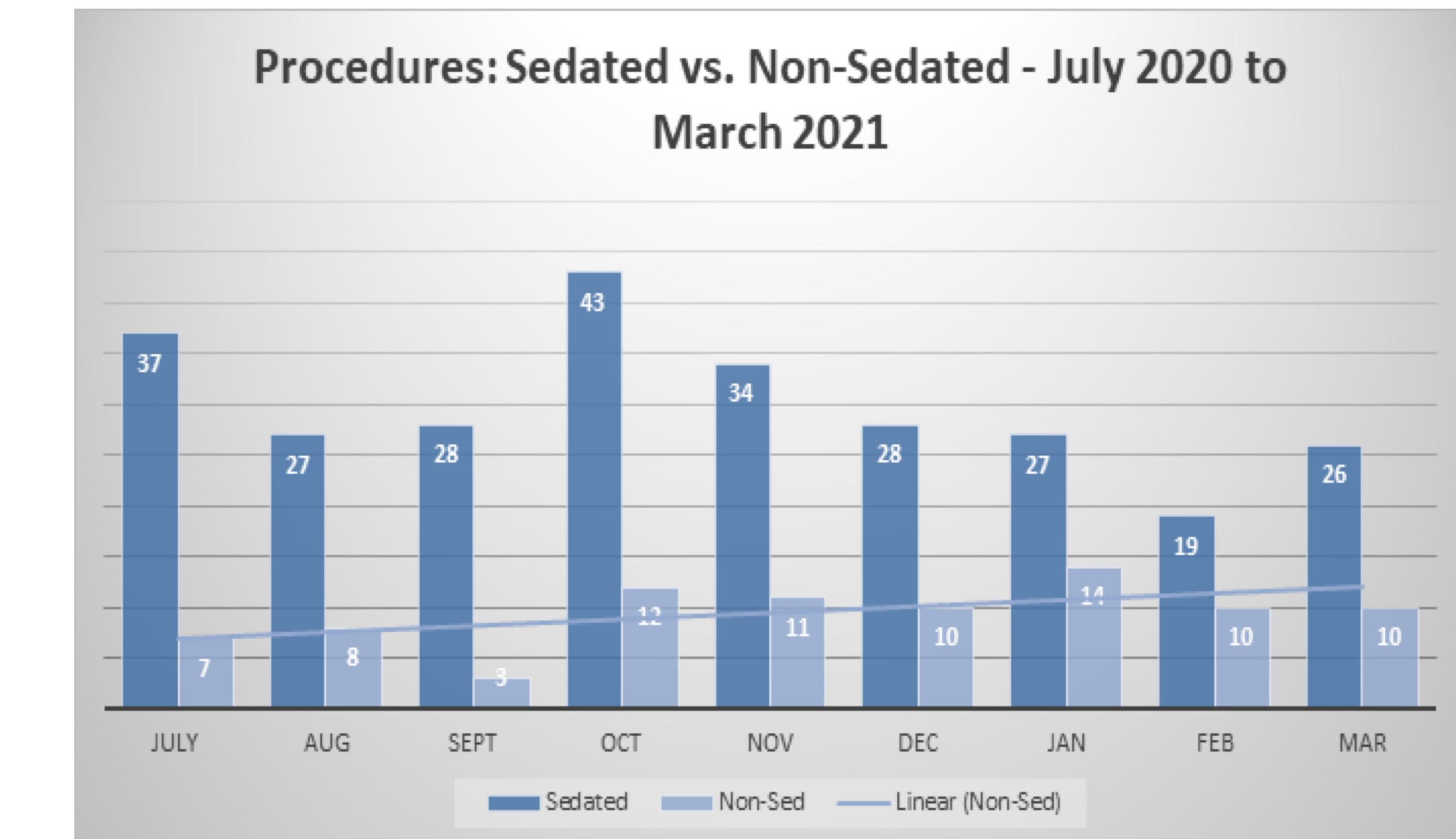
## Identifying Barriers



## Initiation of New Workflows



## Results

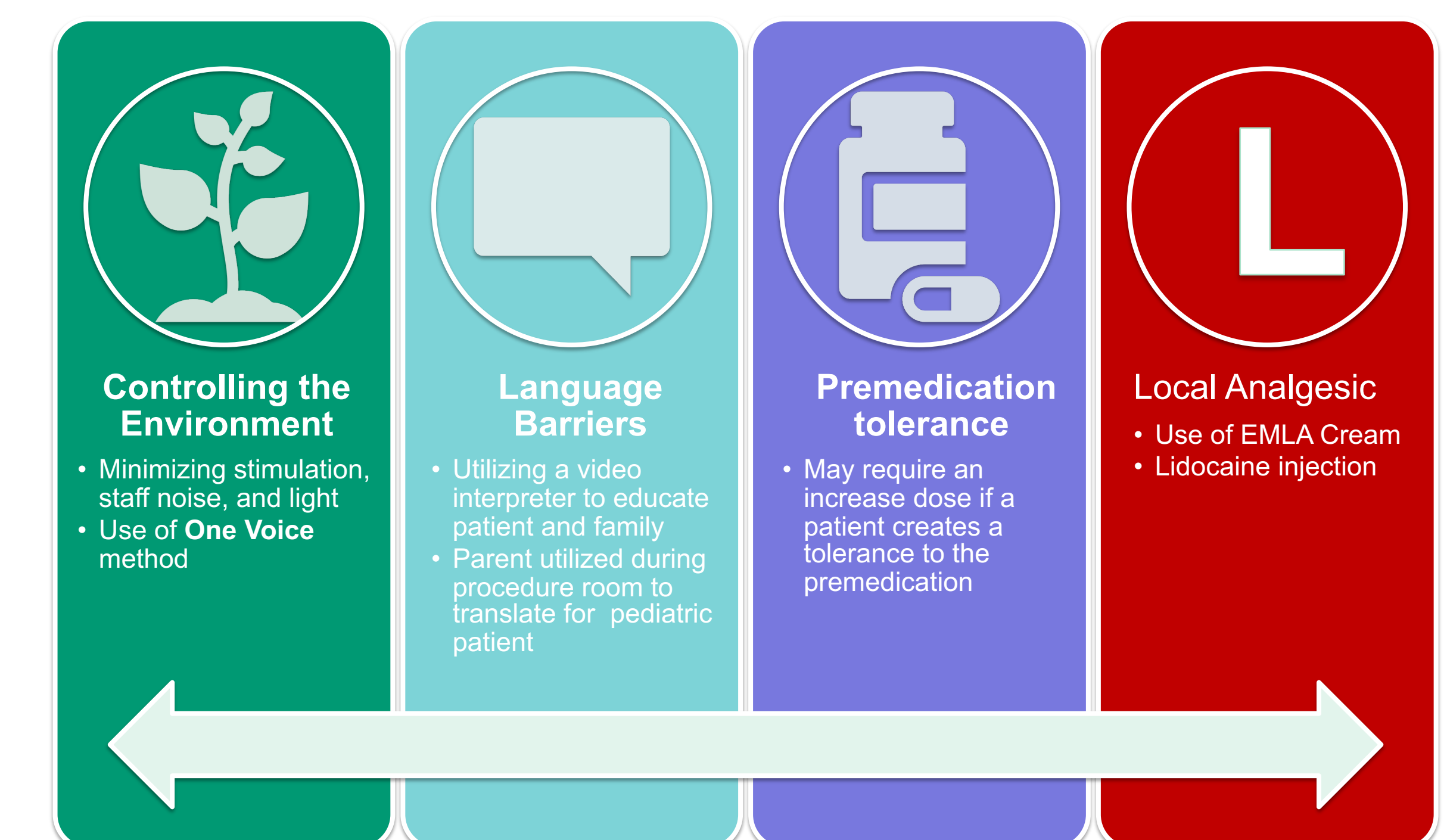


Sedated Procedures: 269  
 Non sedated LP's: 85  
 Procedure Total : 354

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