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# Standardizing Resident Education on GI Service

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## Introduction

- Children's Mercy has standardized rotations across all pediatric subspecialties
- Each pediatric resident rotates on GI service for one month of 36 months of training
- Variable education occurs between GI months

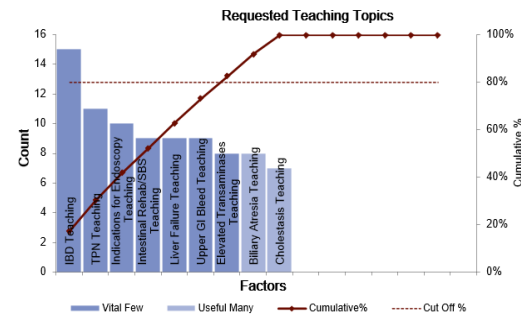
The aim of this project is to standardize resident education by identifying most requested topics and providing didactic education to increase residents' general GI knowledge.

## Methods

- Monthly survey assessed resident comfort level with total parenteral nutrition (TPN) and caring for patients on GI service (scale 1-10)
- Residents indicated preferred teaching topics and times for didactic sessions
- These topics were prioritized to be given early in GI rotation

## Results

- 16 residents surveyed over 9 months
- Mean general GI knowledge increased from 4.0 to 7.2
- Mean ordering TPN comfort level increased from 4.6 to 6.2



## Summary

Identification of preferred teaching topics and times resulted in greater knowledge gained in caring for GI patients and ordering appropriate TPN

## Conclusion

- Standardization of resident education on the GI inpatient service has allowed for prioritization of teaching the most requested topics early in each month, building a strong foundational knowledge.
- Continued assessment of resident knowledge and comfort metrics from the start to end of each service month as well as resident satisfaction with the standardized teaching model is necessary.

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