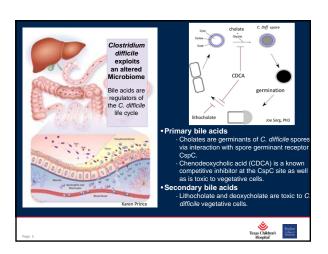
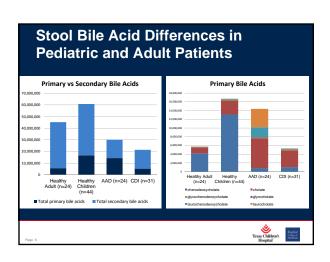


Recurrent Clostridium difficile Infection (CDI) • Fecal microbiota transplant (FMT) is highly effective for the treatment of recurrent C. difficile infection (CDI) • Adult studies suggest that stool bile acid restoration occurs with FMT Altered stool bile acids • Pediatric CDI is a different disease • Incidence is lower in pediatric patients • More difficult to diagnose • However, recurrent CDI does occur





Study design Stool collected from healthy

pediatric patients and patients with primary and recurrent CDI

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•	Healthy patients from pediatric
	human microbiome project

	Number	Average Age (range)
Healthy Control	38	9.5 (7-12)
Primary CDI	21	11.2 (3-19)
Recurrent CDI	13	7.7 (2-16)
FMT	3	12.5 (9-16)

- Stool samples from pediatric patients who received FMT for recurrent CDI
 - Stool taken prior to and 8 weeks after FMT
 - Stool from the universal donor was also collected
- Stool sent for 16s sequencing and global metabolomics

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