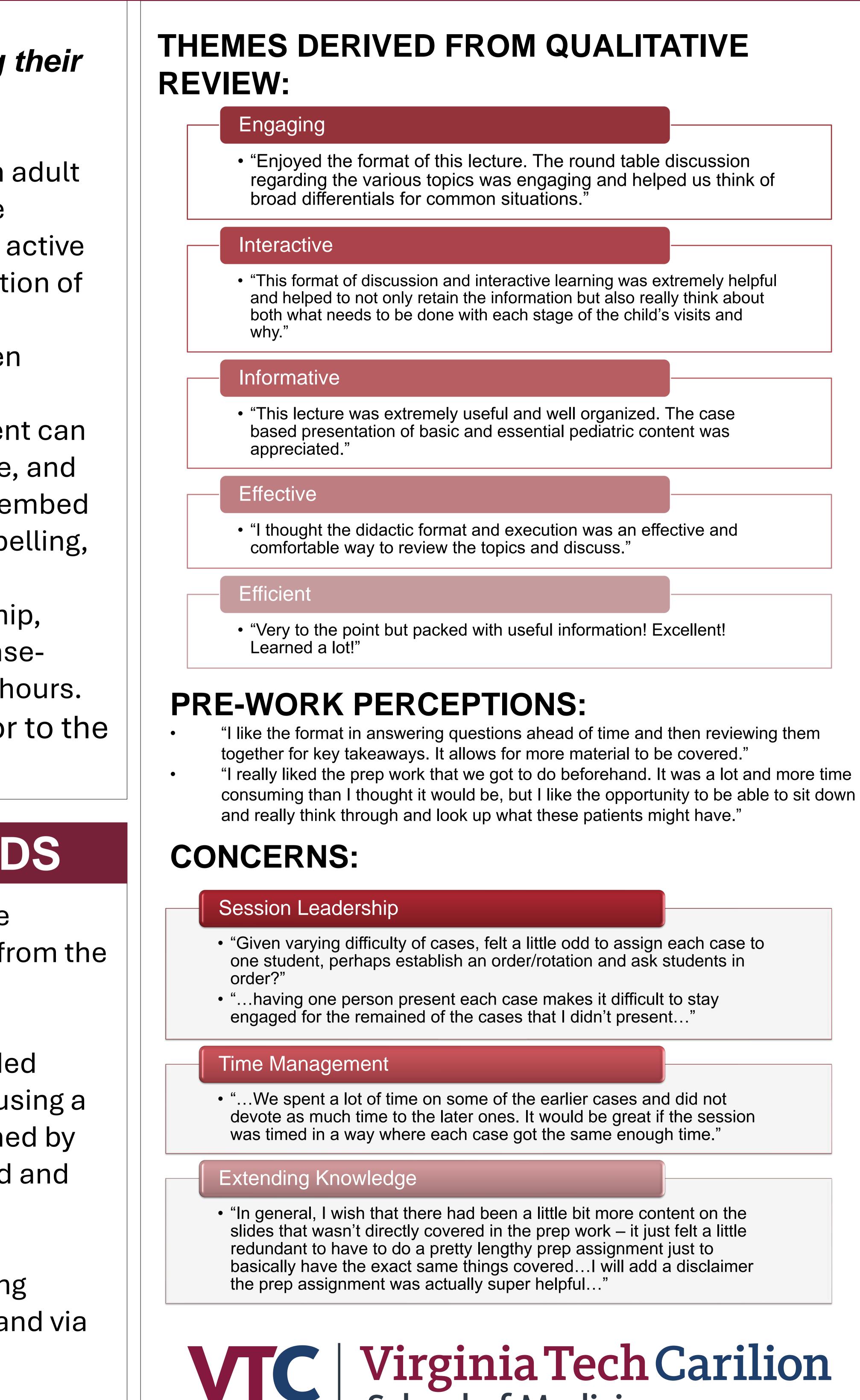
Student Perceptions on a Flipped Classroom Model for Pediatric Clerkship Didactics Anne Laverty, MD, MEd; Vydia Permashwar, MD; Sarah Harendt, PhD, MS INTRODUCTION CONCLUSION RESULTS

How do students feel about flipped classroom didactic sessions during their third year Pediatric Clerkship?

- Flipped classroom methodology is an adult learning pedagogical approach where classroom time is used for integrated active learning and discussion after completion of pre-session work.¹
- The flipped classroom model has been described as well suited for medical education, as the pre-class assignment can create a framework of core knowledge, and the active learning exercise can then embed the knowledge in an interactive, compelling, and engaging format.²
- During the third year Pediatric Clerkship, students participate in four weekly casebased didactic sessions that last 2.5 hours. Students must complete pre-work prior to the session.

MATERIALS & METHODS

- Anonymous student evaluations of the Pediatric Clerkship didactic sessions from the past three years were gathered and consolidated.
- From these evaluations, the open-ended response sections from the sessions using a flipped classroom model were examined by three separate reviewers who analyzed and coded the data independently using a thematic analysis approach.
- Themes were established by identifying patterns among the codes generated and via consensus among the reviewers.
- Total surveys reviewed = 468



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The flipped classroom model appears to be perceived positively from third year medical students during their Pediatric Clerkship rotation. Students found the sessions to be an effective, engaging way of applying knowledge previously studied/reviewed prior to the in-person session. There was variability in how lecturers led the flipped classroom sessions with mixed reviews on what was most helpful.

- delivery models.

- improvement.
- knowledge.

REFERENCES & ACKNOWLEDGEMENTS

PMC5607728. students. The Clinical Teacher, 12.

We can further enhance our didactic sessions by having presenters be more attentive to time management and be prepared to extend activities and conversations from the pre-work information.

NEXT STEPS

Using this data, we hope to:

• Directly survey student experiences on the flipped classroom model to further evaluate compared with other lecture styles.

Assess lecturer presentation format and variations that may be positive or negative.

 Further evaluate what aspects of pre-work are seen as positive and which may have opportunities for

• Map case-based lectures to objectives from prework and objectives for presenter to better extend

Persky AM, McLaughlin JE. The Flipped Classroom - From Theory to Practice in Health Professional Education. Am J Pharm Educ. 2017 Aug;81(6):118. doi: 10.5688/ajpe816118. PMID: 28970619; PMCID:

2. Morgan, H.K., Mclean, K., Chapman, C.H., Fitzgerald, J.T., Yousuf, A., & Hammoud, M.M. (2015). The flipped classroom for medical