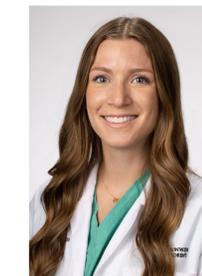


# Dental Integration in Pediatric Primary Care: A Mixed Method Study



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## PURPOSE

- Compare age of first dental visit between children who did and did not receive preventive oral health services at their primary medical home
- Understand pediatrician's attitudes, beliefs, and barriers to the implementation of oral health integration

## METHODS

### Quantitative

- Retrospective claims data from Medicaid-enrolled children 1-5 years of age in Ohio
- Exposure: physician-applied fluoride varnish (PAFV)
- 1° outcome: age of first dental visit
- 2° outcomes: subsequent dental utilization
- T-test

### Qualitative

- 10 semi-structured interviews with pediatricians in rural and metro Ohio
- Inductive thematic analysis

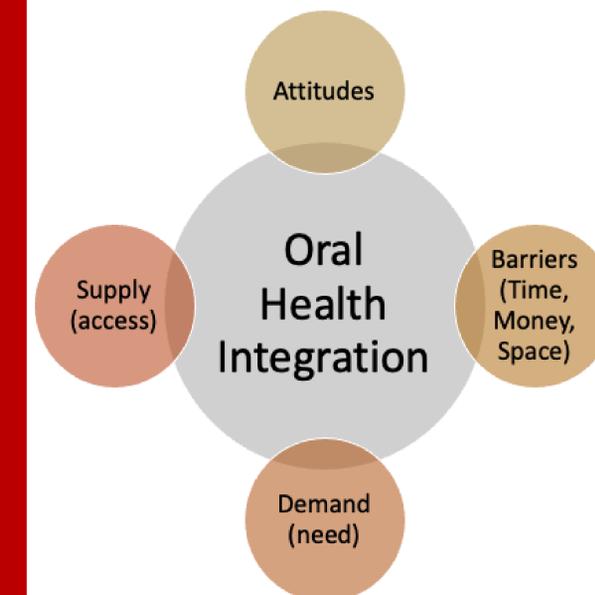
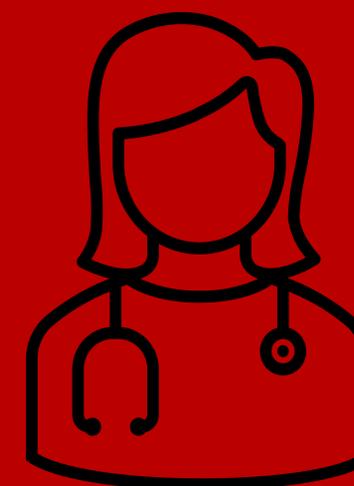
## RESULTS

Receipt of FV by physician	N	Mean Age, y (95% CI)	Pr >  t
No	15593	4.9 (4.8, 4.9)	<.0001
Yes	2082	4.1 (4.0, 4.2)	

- PAFV group had lower frequency of caries-related dental treatment visits (40% vs. 59%)

**Oral health integration in pediatric primary care is associated with dental visits at a younger age.**

**Pediatricians desire oral health provider integration, but significant barriers exist.**



**Figure 1.** Thematic summary of qualitative interviews regarding barriers and drivers of oral health integration into primary care

Scan to access interview guide and references.



## Acknowledgements

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## Disclaimer

The statement in this study are solely the responsibility of the authors and do not necessarily represent the views of *Partners For Kids* or Nationwide Children's Hospital.

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