## **Caregiver's Accuracy in Assessing Child's Oral Health Disease and What Influences Seeking Care**

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## Background/Introduction

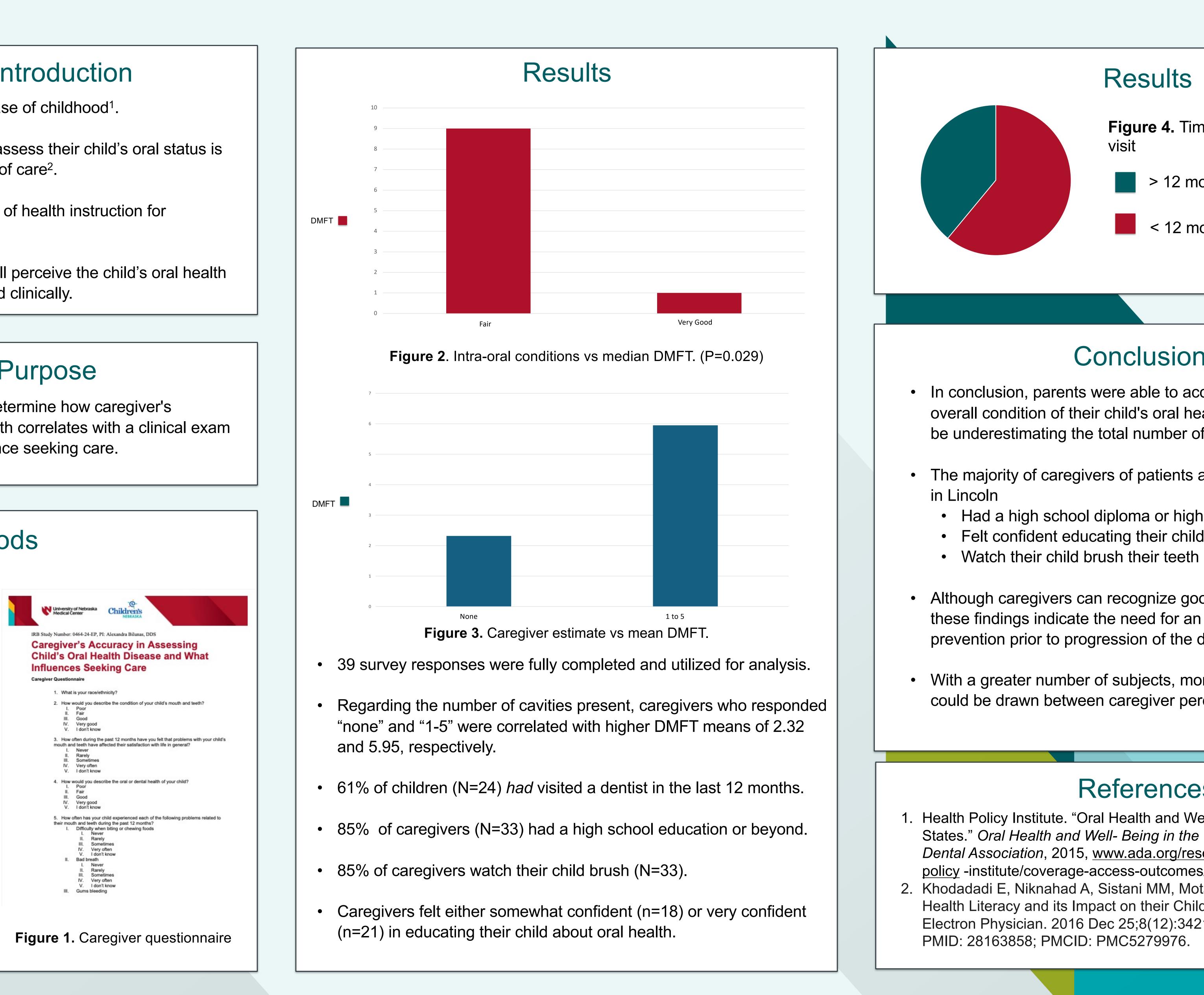
- Caries is the leading chronic disease of childhood<sup>1</sup>.
- A caregiver's ability to accurately assess their child's oral status is important to the overall prognosis of care<sup>2</sup>.
- Caregivers are the primary source of health instruction for children<sup>2</sup>.
- We hypothesize that caregivers will perceive the child's oral health status to be better than determined clinically.

## **Objective/Purpose**

• The purpose of this project is to determine how caregiver's perception of their child's oral health correlates with a clinical exam and what other factors may influence seeking care.

## Methods

- Caregiver questionnaire alongside an intra-oral clinical exam
- Questions adapted from the ADA's Health Policy Institute
- The 15-question survey queried demographics, household income, insurance coverage, reasons for seeking dental care, and the estimated number of carious teeth
- Patients aged 1-12 yrs
- DMFT score collected from patient's odontogram post-exam
- Odds ratios with a 95% confidence interval used to identify statistically significant correlations between questionnaire responses and number of DMFT



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## Conclusion

• In conclusion, parents were able to accurately categorize the overall condition of their child's oral health but may be underestimating the total number of carious teeth.

• The majority of caregivers of patients at Children's Omaha and

 Had a high school diploma or higher education • Felt confident educating their child about oral health

• Although caregivers can recognize good vs bad dental health, these findings indicate the need for an emphasis on caries prevention prior to progression of the disease.

• With a greater number of subjects, more powerful correlations could be drawn between caregiver perception and DMFT.

### References

Health Policy Institute. "Oral Health and Well-Being in the United States." Oral Health and Well- Being in the United States | American Dental Association, 2015, www.ada.org/resources/research/healthpolicy -institute/coverage-access-outcomes/oral-health-and-well-being. 2. Khodadadi E, Niknahad A, Sistani MM, Motallebnejad M. Parents' Oral Health Literacy and its Impact on their Children's Dental Health Status. Electron Physician. 2016 Dec 25;8(12):3421-3425. doi: 10.19082/3421.

