# Children's Hospital of Michigan is.

# DMC. DETROIT MEDICAL CENTER

## **BACKGROUND**

As of late, the life expectancy of children with HIV infection continues to improve. To improve their overall health and quality of life careful consideration must be given toward promoting oral health.<sup>1</sup>

Drawing from "anticipatory guidance" strategies, known morbidities associated with HIV infection in children may be addressed to recognize: the unique risks of HIV infection, the community-based risks of poverty, and the readily available tools to diagnose, prevent and manage oral disease.

#### **OBJECTIVES**

To survey current American Academy of Pediatric Dentistry (AAPD) residents on the prevalence of pediatric patients with HIV.

#### **METHODS**

Participants will receive an email via the AAPD listserv advertising the study. The advertisement will include details concerning the study (e.g., name of PI, title and purpose of study) and a description of consent and it will include a link to an online survey form.

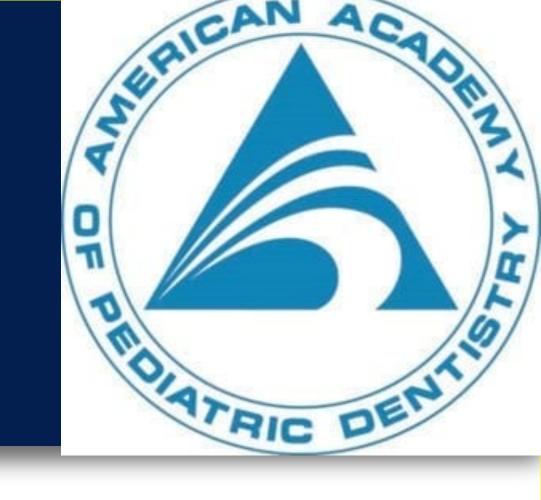
Participants who choose to participate will navigate to the online survey, which consists of questions about pediatric patients with HIV.

Upon completion of the survey, participants will be thanked for their time and will be provided with contact information of the PI.

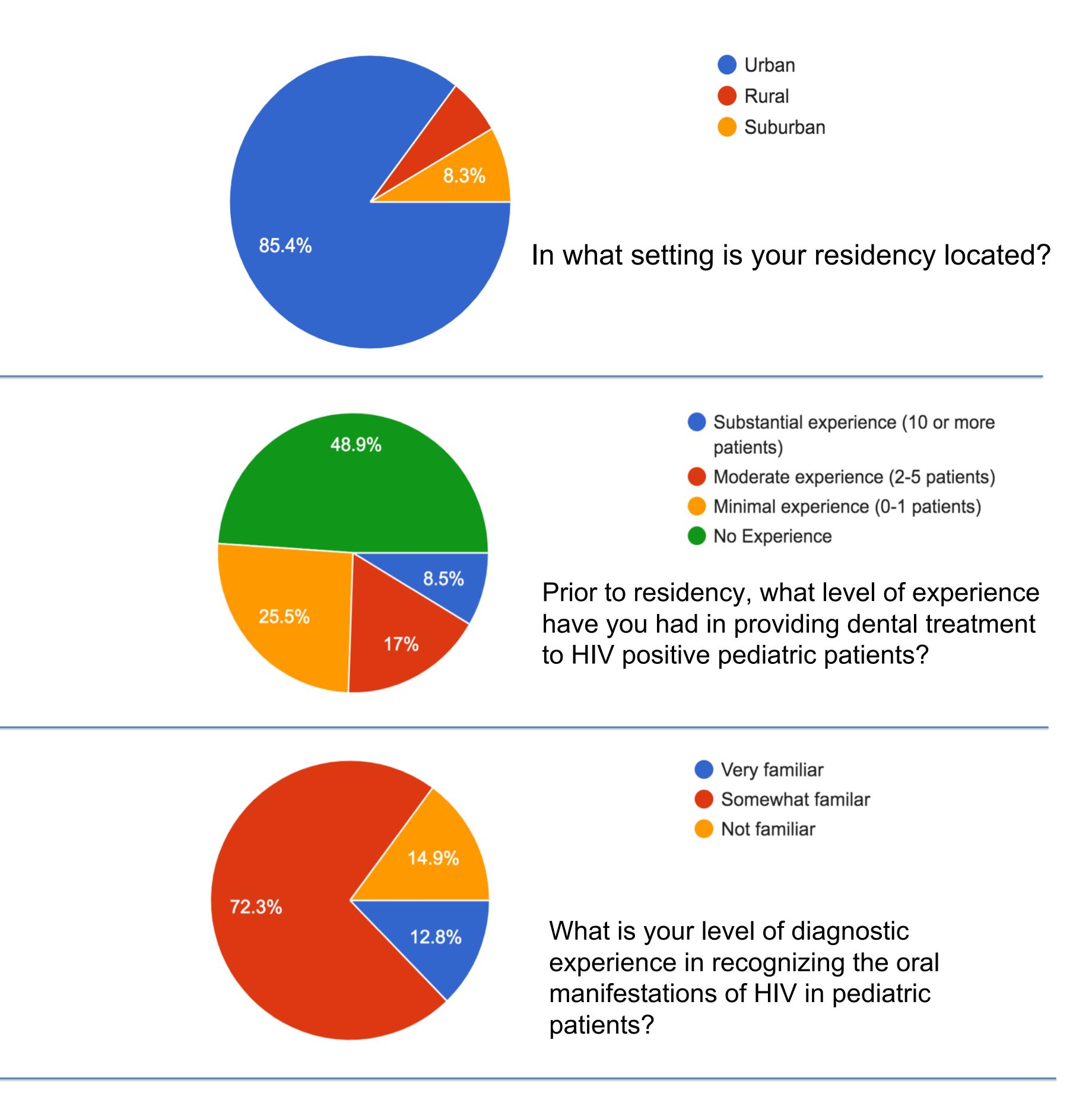
A Survey of AAPD Pediatric Dental Residents on their experience in treating Pediatric Patients with HIV

Elias K. Abdi, DDS and James Stenger, DDS

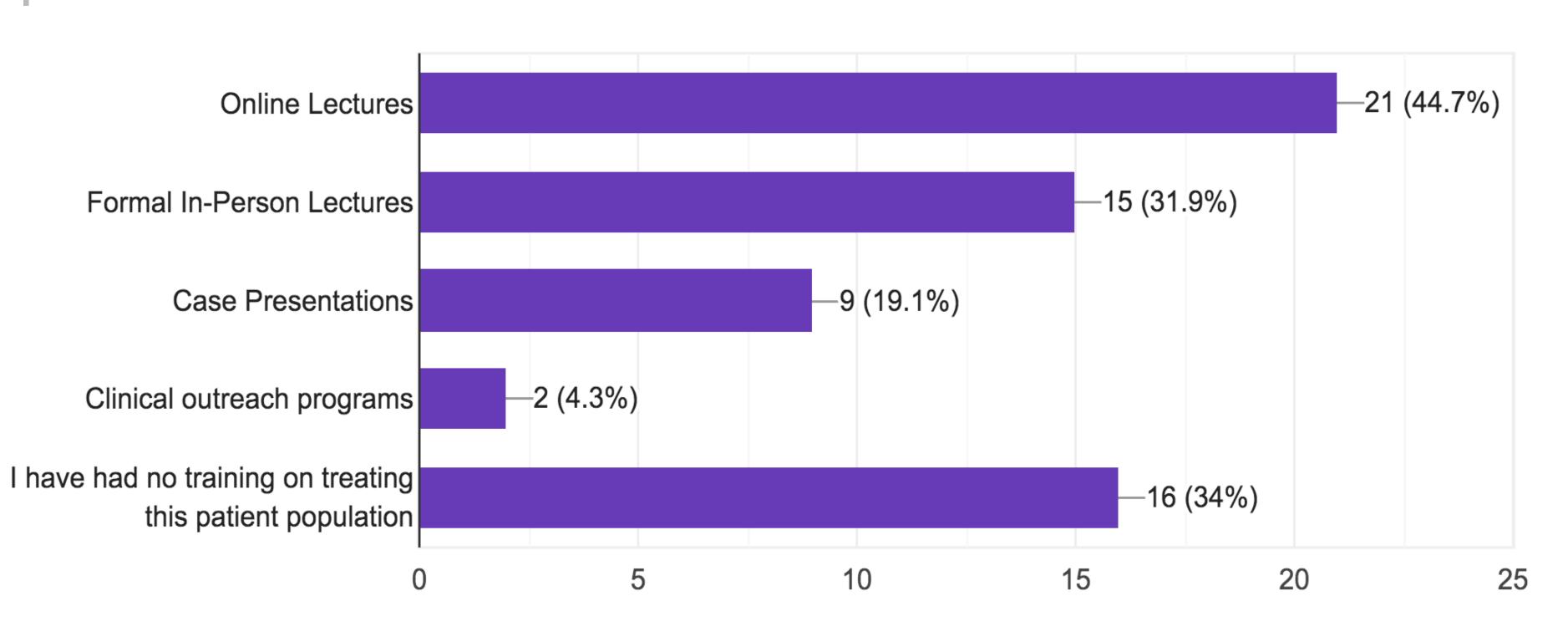
Department of Pediatric Dentistry – Children's Hospital of Michigan



#### RESULTS



To what extend has your residency program prepared you in treating pediatric patients with HIV?



### CONCLUSION

- Out of 860 emails sent, 48 responses were collected, accounting for approximately 5.6 percent of residents in the U.S.
- For the question of in what setting is your residency located, the vast majority of respondents listed Urban setting.
- In regards to geographical area, the majority of respondents were located in programs in the northeastern region of United States.
- The majority of respondents consisted of second year residents at approximately 62.5 percent.
- Majority of respondents at 44.7 percent listed online lectures as being the main education component in the treatment of treated pediatric patients with HIV.
- 72.3 percent of respondents listed being somewhat familiar in recognizing the oral manifestations of HIV in pediatric patients.

#### REFERENCES

[1] Ottria L., Lauritano D., Oberti L., Candotto V., Cura F., Tagliabue A., Tettamanti L. Prevalence of HIV-related oral manifestations and their association with HAART and CD4+ T cell count: A review. *J. Biol. Regul. Homeost Agents.* 2018;32:51–59.
[2] Heron, S.E.; Elahi, S. HIV infection and compromised mucosal immunity: Oral manifestations and systemic inflammation. *Front. Immunol.* 2017, 8, 241.

[3] Koyio, L.; Ranganathan, K.; Kattappagari, K.K.; Williams, D.M.; Robinson, P.G. Oral health needs assessment world-wide in relation to HIV. Themes: Oral health needs and inequalities, oral health promotion, co-ordinating research and enhancing dissemination in relation to HIV. A workshop report. *Oral Dis.* 2016, 22, 199–205.

#### **ACKNOWLEDGEMENTS**

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