

SUBSTANCE USE DISORDERS SCREENING

August 27, 2024

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Rationale for Current Study

Commonality and far-reaching impacts of SUDs

Availability of evidence-based treatments, but notable gaps in access to that treatment

Dental settings offer opportunities to identify, intervene, and refer individuals for specialty care

Existing literature has critical gaps

- Most is dated
- Predominant focus on alcohol and tobacco, emerging opioid focus
- Broad definitions of screening
- Very limited (no) focus on screening in adolescent populations

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STUDY OBJECTIVES

PRIMARY: Assess knowledge, attitudes, and current behaviors related to substance use screening implementation among adolescent and adult dental patients.

SECONDARY: Identify practitioner and practice-level facilitators and barriers of: (1) substance use screening implementation; and (2) early intervention and/or referral strategies when indicated among patients.

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SURVEY DEVELOPMENT PROCESS

- Foundational literature review.
- Presentation of background and survey outline to Practitioner Executive Committee (PEC).
- Integration of PEC feedback regarding topics (and subtopics) for inclusion/key questions that should be addressed, response options for implementation barriers and facilitators items, survey format, and structure of key items.
- Iterative review and edits by the core study team.
- Content expert review: Smoking cessation
- Content expert review: Adolescent substance use
- National Coordinating Center Data Committee review
- NIDCR program review
- PEC Think Aloud review
- NIDA program review
- Integration of Feedback and Finalization

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METHODS

Electronic Data Capture Survey

Inclusion

- Enrolled as Full or Limited Member
- Licensed Dentist currently treating patients on recurring basis
- Completed or updated Enrollment Questionnaire in cycle 3

Survey Remuneration: \$50

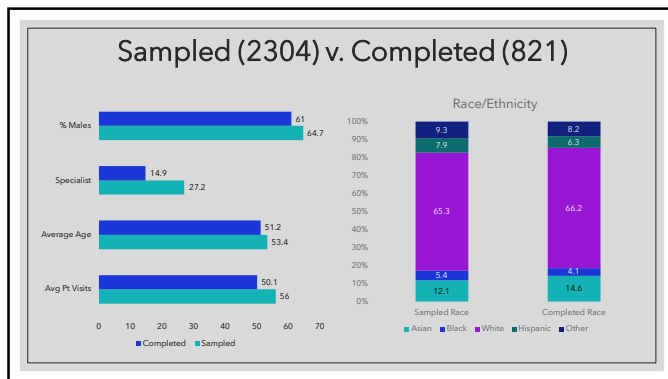
Retest: n=50; Additional \$50

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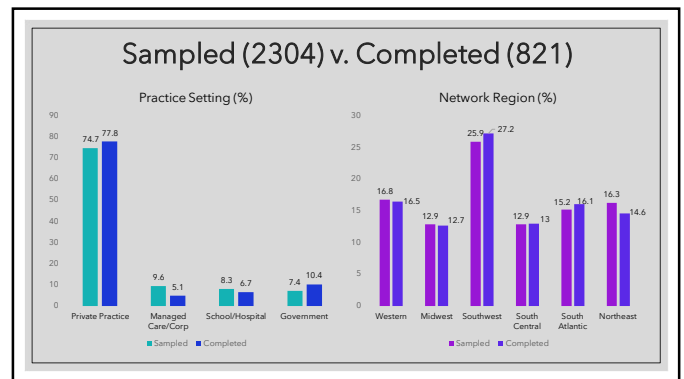
RECRUITMENT BY PROJECT WEEK

Week	Frequency	%	Cum. Freq	Cum. %
August 6	393	47.87	393	47.87
August 13	157	19.12	550	66.99
August 20	135	16.44	685	83.43
August 27	52	6.33	737	89.77
September 03	27	3.29	764	93.06
September 10	24	2.92	788	95.98
September 17	3	0.37	791	96.35
September 24	6	0.73	797	97.08
October 01	2	0.24	799	97.32
October 08	13	1.58	812	98.90
October 15	9	1.10	821	100

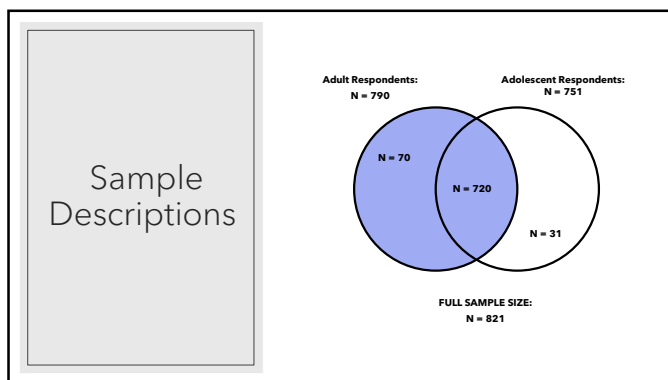
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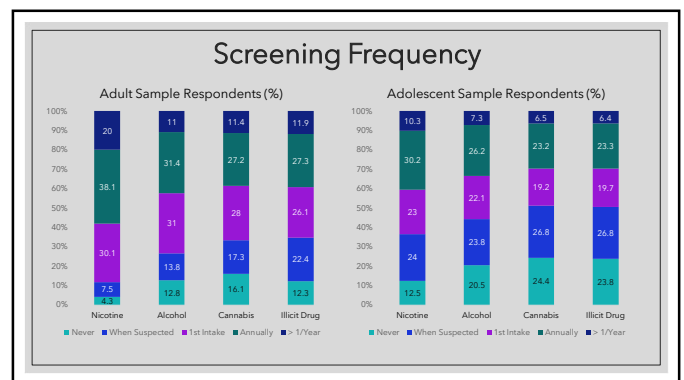
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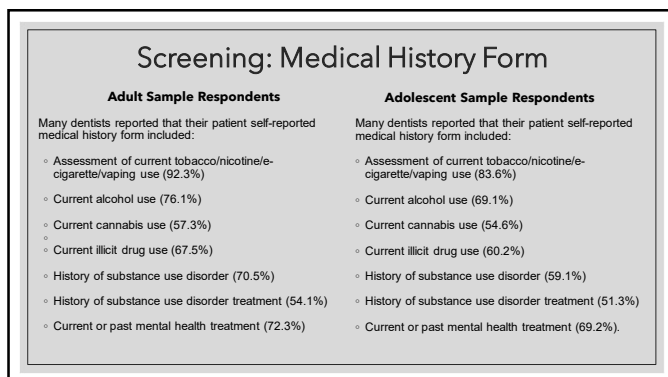
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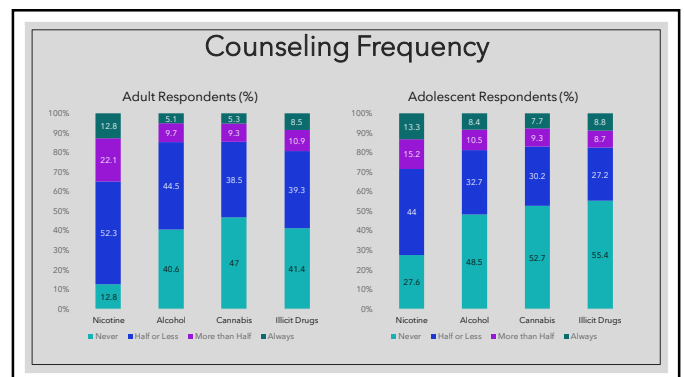
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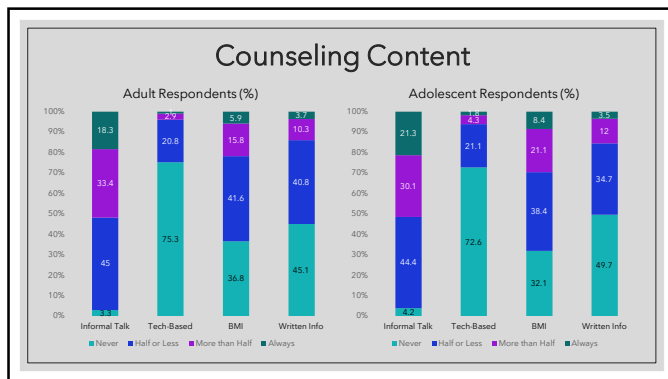
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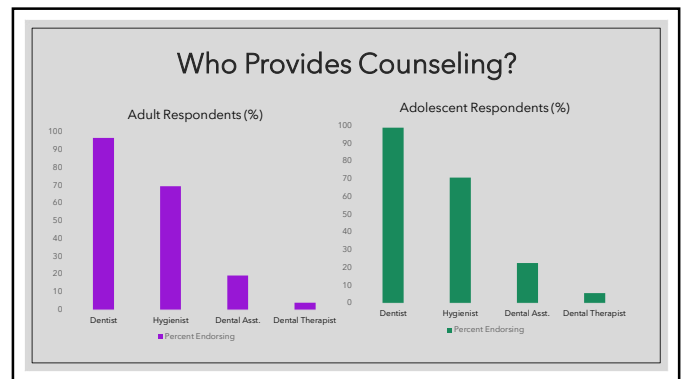
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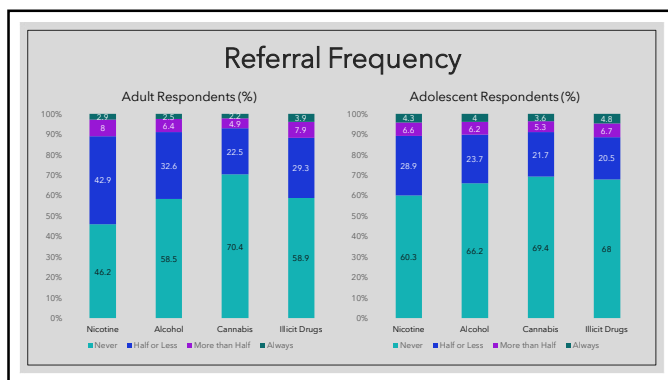
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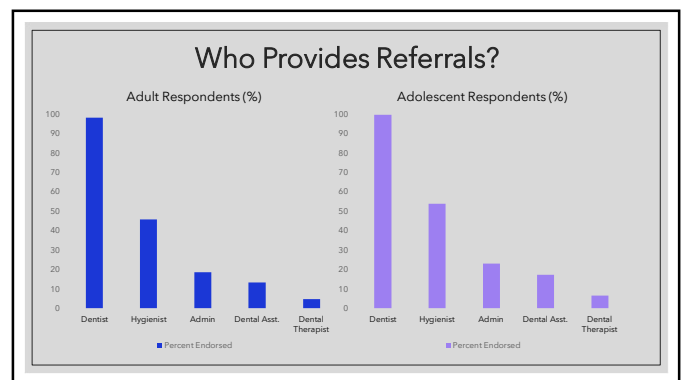
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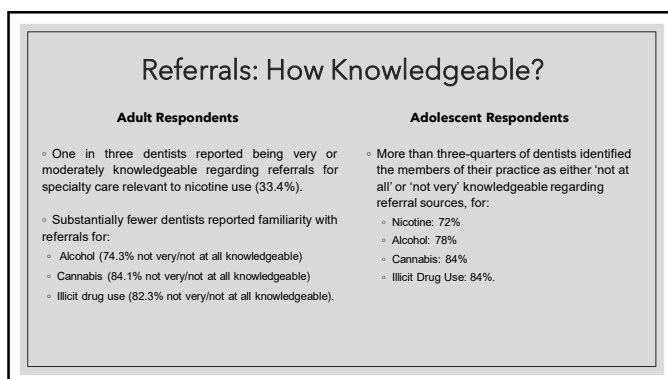
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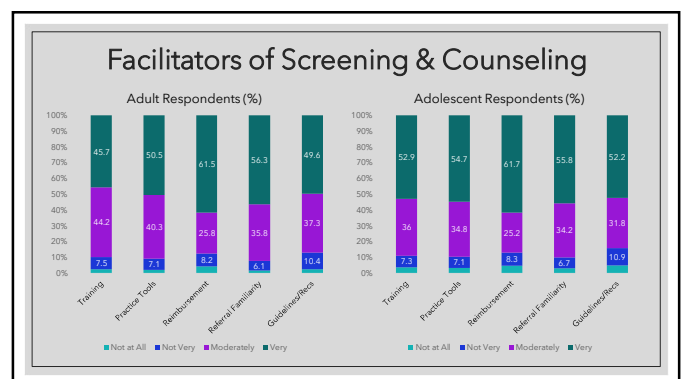
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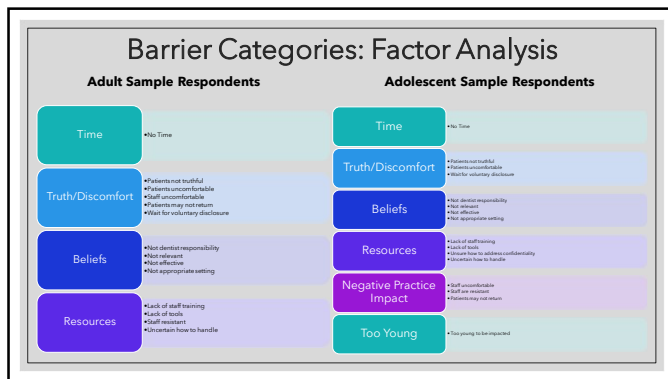
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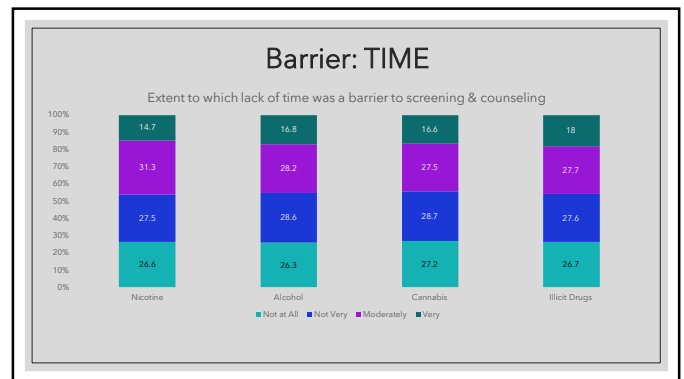
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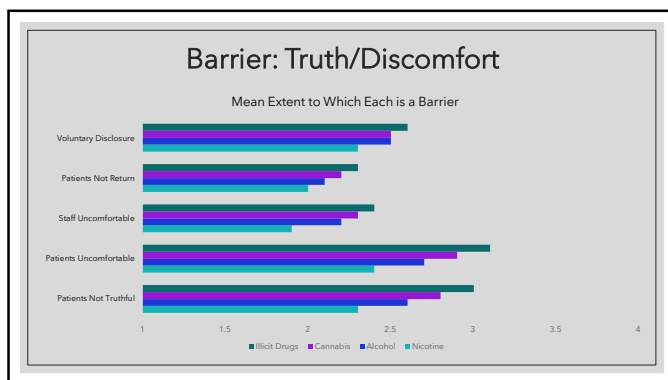
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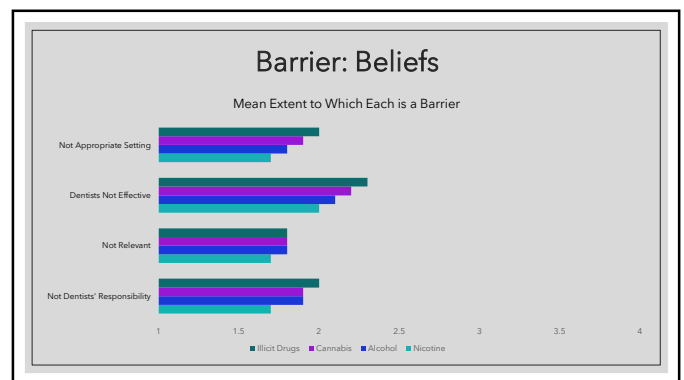
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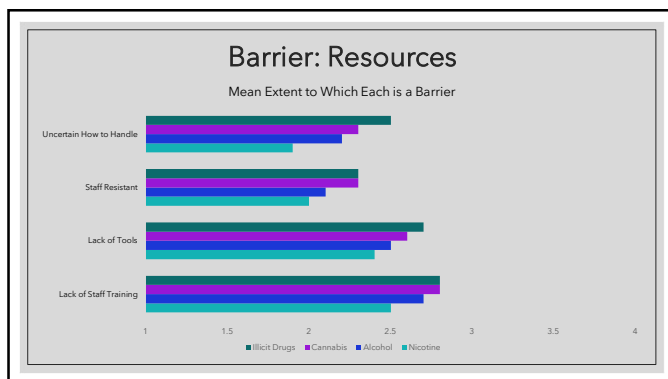
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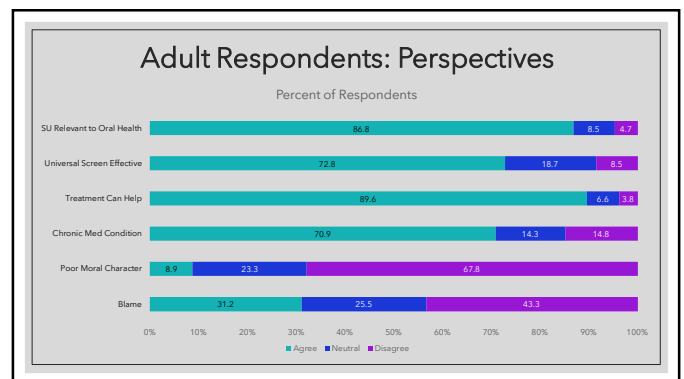
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Adult Respondents: Correlations with Screening & Counseling

	Screen	Counsel	Refer	Time	Truth	Beliefs	Resource	Blame	Medical	Effective
Screen		0.395***	0.350***	-0.054	-0.282***	-0.314***	-0.222***	0.058	0.042	0.096
Counsel			0.545***	-0.056	-0.267***	-0.333***	-0.336***	-0.007	0.059	0.008
Refer				-0.015	-0.273***	-0.268***	-0.279***	0.010	0.068	-0.013
Time					0.277***	0.282***	0.342***	-0.021	-0.045	-0.060
Truth						0.472***	0.551***	-0.081*	-0.067	-0.082*
Beliefs							0.444***	-0.183***	-0.204***	-0.218***
Resource								-0.015	-0.062	-0.052
Blame									0.376***	0.219***
Medical										0.283***
Effective										

* p<.05, ** p<.01, ***p<.001.

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Key Take-Aways

- While there is room for improvement in screening for alcohol, cannabis, and illicit drugs – outreach and training related to nicotine/tobacco may serve as a good model.
- Very few dentists are "never" screening (or counseling), meaning that there is already **some degree of buy-in** for these practices.
- Stigma** was not associated with frequency of screening, counseling, or referral behaviors – this is good news.
- Keys to increasing screening and counseling practice behaviors may lie in providing **real-time resources** that both overcome staff training/resource barriers, as well as provide patients with confidential, meaningful methods of reporting use behaviors.

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Planned Manuscripts

- Adult Patient Screening, Counseling, and Referral Practices (Including Barriers & Facilitators)
- Adolescent Patient Screening, Counseling, and Referral Practices (Including Barriers & Facilitators)
- Willingness to Distribute Naloxone (Brief Report)
- Dentists' Training Experiences Related to Screening and Counseling for Substance Use Disorders

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Questions for the Network



DISSEMINATION OPPORTUNITIES?



ADDITIONAL QUESTIONS OF THE DATA?



NEXT STEP PROJECTS?

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THANK YOU



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