

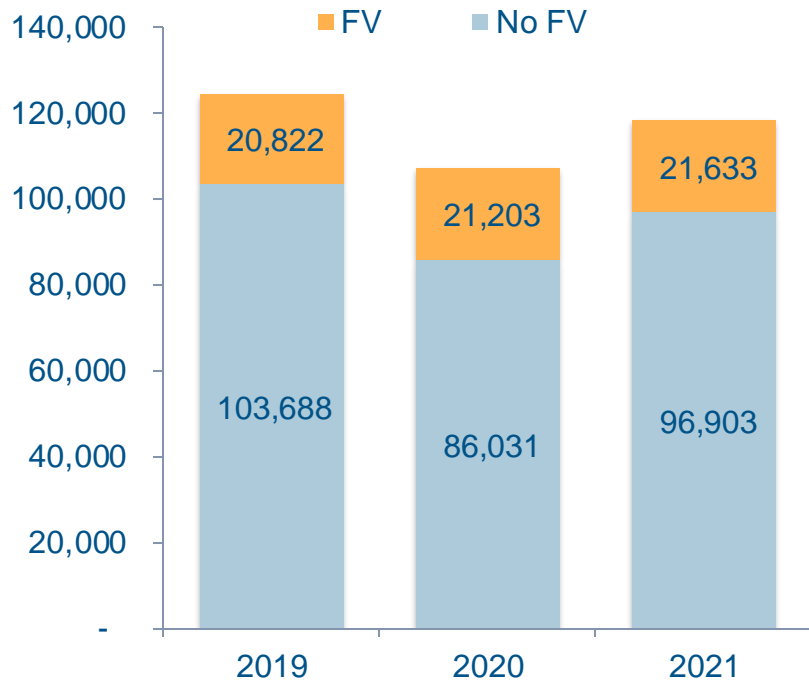
Dental Varnish: Did you really make a difference? *...one year later!*

SC AAP Meeting
January 21, 2024

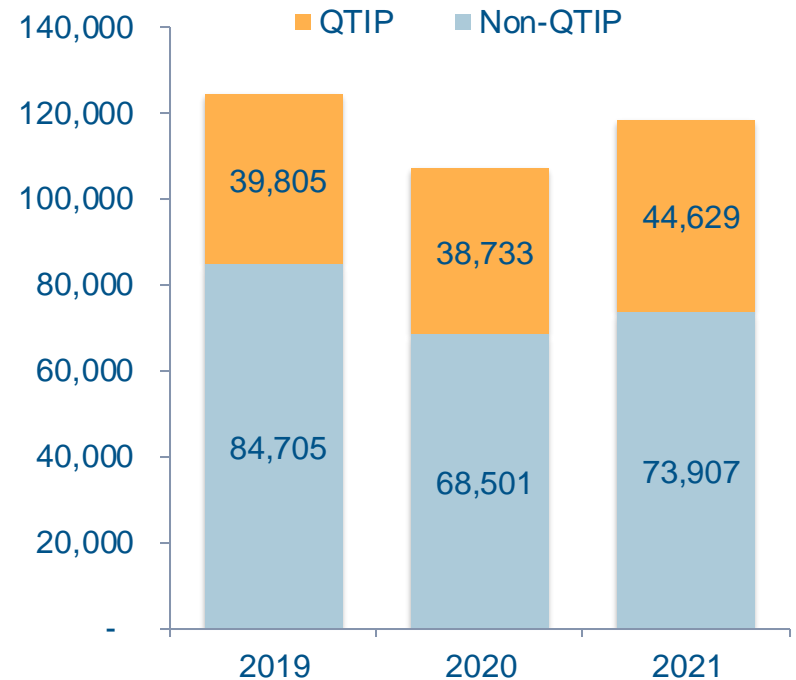


Children Seen by Pediatricians: Distributions by Practices' QTIP Participation Status & FV Status

Number & proportion of kids with at least 1 FV application by SFY



Number & proportion of kids with at least 1 visit in QTIP & Non-QTIP practices by SFY



Where Did Fluoride Varnishing Occur?

Ind. Variable	Levels	SFY 2019 Counts	SFY 2019 Proportions	SFY 2020 Counts	SFY 2020 Proportions	SFY 2021 Counts	SFY 2021 Proportions
Child Age	1	3,265	0.139	3,412	0.134	3,217	0.130
	2	7,510	0.247	7,394	0.306	7,665	0.290
	3	3,607	0.192	3,536	0.277	4,048	0.273
	4	2,392	0.134	2,202	0.149	2,331	0.137
	5	2,082	0.114	1,826	0.116	1,930	0.108
	6	1,445	0.096	1,388	0.103	1,492	0.090
Setting	FQHC	1,073	0.076	973	0.082	995	0.078
	Private Practice	18,559	0.181	18,292	0.208	19,359	0.195
	RHC	669	0.088	493	0.082	329	0.057
Performing Type	FM/GP	202	0.028	205	0.036	155	0.027
	NP/PA	1,022	0.089	1,096	0.103	1,140	0.104
	Pediatrics	18,964	0.181	18,403	0.201	19,388	0.192
	Unknown/Other	113	0.283	54	0.133	0	0.000
Provider Rural/Urban	Rural	2,227	0.107	2,032	0.128	2,014	0.113
	Urban	18,074	0.175	17,726	0.197	18,669	0.187
QTIP Enrollment	Non-Participant	8,480	0.100	7,922	0.117	7,005	0.095
	Participant	11,821	0.299	11,836	0.311	13,678	0.310

P<0.000

P<0.000

Count: Number of kids seen by providers during the SFY that received at least one FV application

Proportion: Number of kids that received at least one FV application divided by the number of kids seen during the SFY

*****A note about QTIP: Children seen by non-participating MDs were nearly 3X less likely to receive FV!*****

Affixing a Story to your 2023 QTIP Oral Health Efforts

PDSA Library

- Aggregation of...
 - What your Did
 - What you Studied
 - What your Actions yielded
- Implications for broader adoption

PDSA Library Overview

N=12 practices included

The 'Do' included 13 separate interventions, organized in 7 categories of work

1. Anticipatory Guidance
 - Staff education/calibration (n=8)
 - Family education/engagement (n=1)
 - Family education with handouts/materials (n=6)
2. Fluoride Varnish applications (n=7)
3. Referral management (n=8)
4. Workflow analysis and improvements (n=4)
5. EHR modifications (n=3)
6. Risk Assessments (n=5)
7. Other
 - ROR or comparable reading intervention (n=5)
 - Gift bags/SWAG (n=7)
 - Practice incentives or competitions (n=2)
 - Coding (n=1)
 - Social Determinants of Health Screening (n=1)

Change Priorities (Targets)

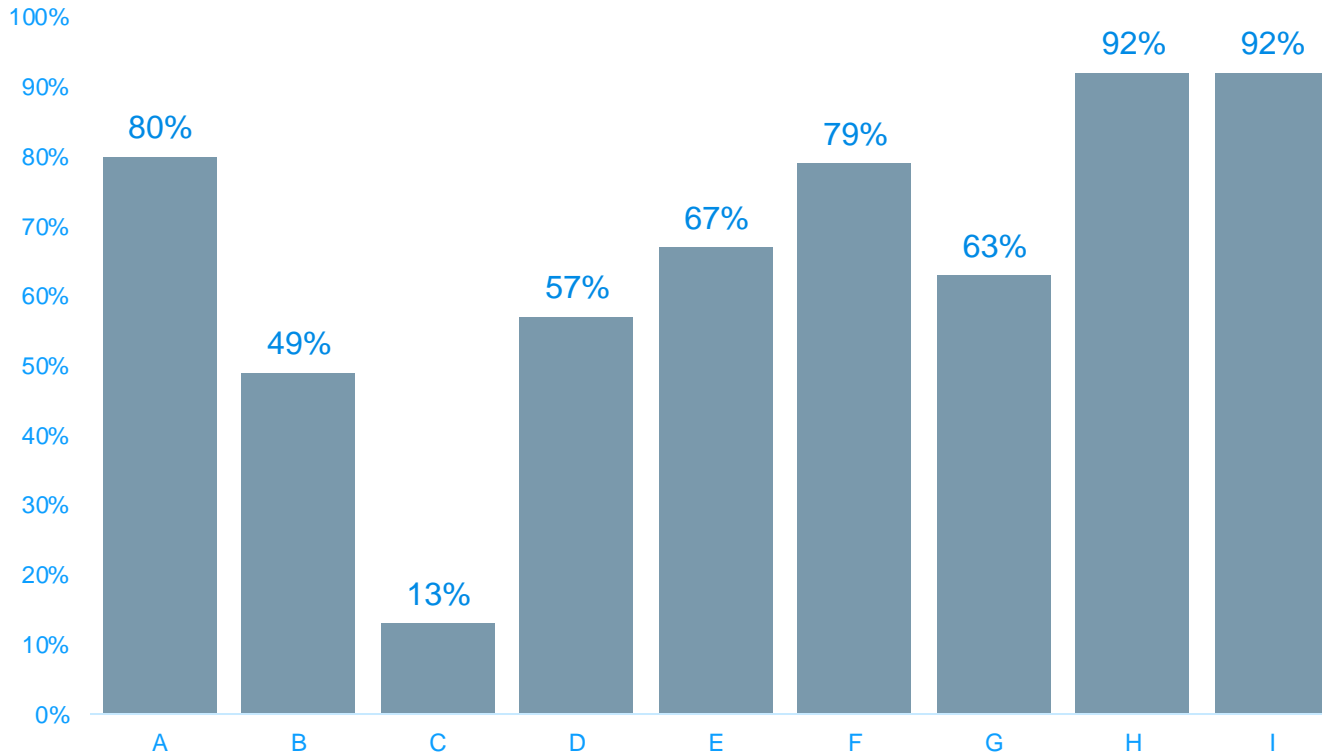
- Anticipatory Guidance (n=0)
- Screening (n=2)
- Fluoride Varnish (n=10)
- Dental Referrals (n=3)

Change Priorities (Results)

- Anticipatory Guidance (0%)
- Screening (70%)
- Fluoride Varnish (66%)
- Dental Referrals (68%)

Fluoride Varnish: Practice-level Achievements

% of QTIP PDSA Patients to Receive FV by Practice with Data



Anecdotal Context

Practice A: Increase from 67%
Practice B: 11% increase
Practice C: 10% increase
Practice I: Baseline of 47%

Self-reported by practice with no data in PDSA was 68% increase from previous year

High-Level Takeaways

More is not necessarily More

Interventions associated with most improvements:

1. ROR, or a derivative – proxy for a practice-wide campaign
 2. Staff development/education
 3. Gift bags/SWAG
- This doesn't mean the other interventions weren't impactful.
 - Practices that focused on 2 to 4 interventions demonstrated better FV rates than all others.

Questions

Thank you!

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