

Lessons Learned from a School-Based Oral Health Program

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CME and CE Information

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- American Dental Association's Continuing Education Recognition Program (ADA CERP)
- American Psychological Association (APA)
- Association of Social Work Boards (ASWB)
- Commission on Dietetic Registration (CDR)

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*Postdoctoral Training in General, Pediatric and Public Health Dentistry and
Dental Hygiene*



S

SAFETY



C

CLINICAL



O

OUTCOMES



P

**POPULATION
HEALTH**



E

**EQUITY
EXPERIENCE**

Our “why”...



1 in 4 Ohio children have had a **cavity by age 5**



Higher prevalence for children living in **poverty**, utilizing **Medicaid** or lacking insurance coverage, and living in **underserved areas**



Tooth pain can impair **sleep, growth, eating**, and the **ability to learn**

We want to hear from you!



- Do your students and families struggle to find dental services?
- What barriers exist for your program to begin dental services?
- Are you confident in your oral health knowledge?
- How often are students
 - in the office complaining of tooth problems?
 - absent because of tooth/mouth pain or dental appointments?

Learning Objectives

Objective 1

Describe the components of a successful, portable community-based dental clinic that leverages schools, early childhood programs, and community sites to reach children otherwise disconnected from care.

Objective 2

Identify critical operational and evaluation elements necessary for successful program replication.

Objective 3

Explore oral health screening methods, identify oral health findings that warrant follow up, and learn the importance of a fluoride varnish application.

Learning Objective 1:

Describe the components of a successful, **portable community-based dental clinic** that leverages **schools, early childhood programs, and community sites** to reach children otherwise disconnected from care.





Community- Based Mobile Dental Clinic

In the beginning...



Dental Care in the Community:

- Preventative and restorative
- Partners: local city school districts (Title I), community organizations, Early Head Start, charter school
- HRSA grant: resident training site – alternative care models

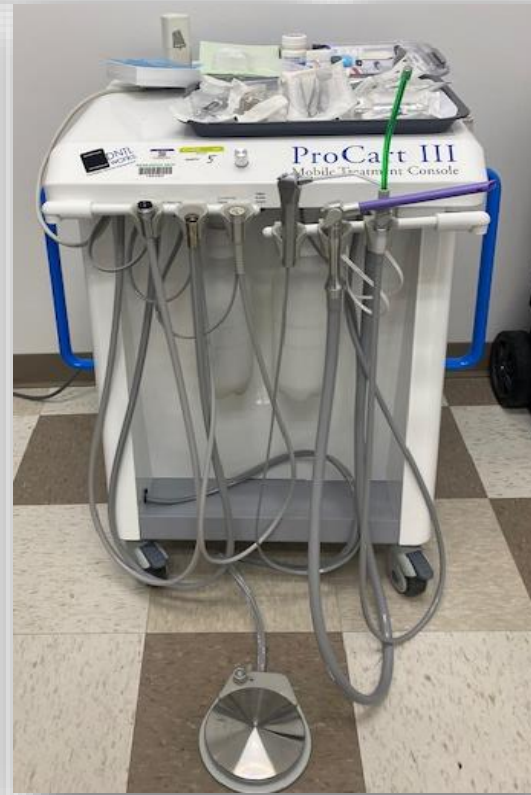
Students Served:






















- Underserved and vulnerable populations
- Medicaid/HMOs, uninsured
- Refugees & undocumented new Americans – diverse languages
- No “dental home”








Equipment





	Monday	Tuesday	Wednesday	Thursday	Friday	
Site 1	  	    				  
Site 2			  	    	rotate every other Friday	

“Typical” week:
operating two
chairs per site

	Registration Specialist		Attending DDS		Resident DDS
	Registered Dental Hygienist		Dental Assistant		

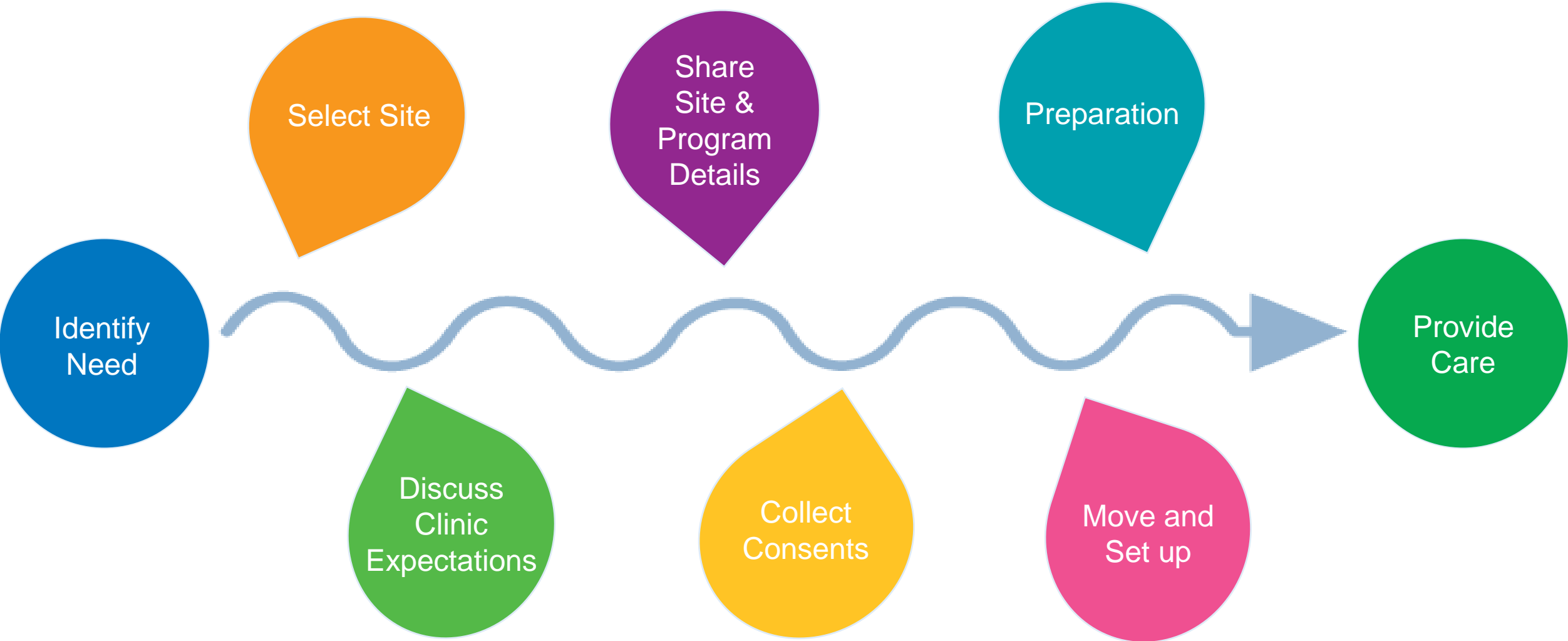
All clinical staff members work **to the top** of their licensure

- **Registered Dental Hygienist (RDH)**

- OHASP
- Without dentist present
- Silver Diamine Fluoride (SDF)
- Interim Therapeutic Restorations (ITR) *in future*

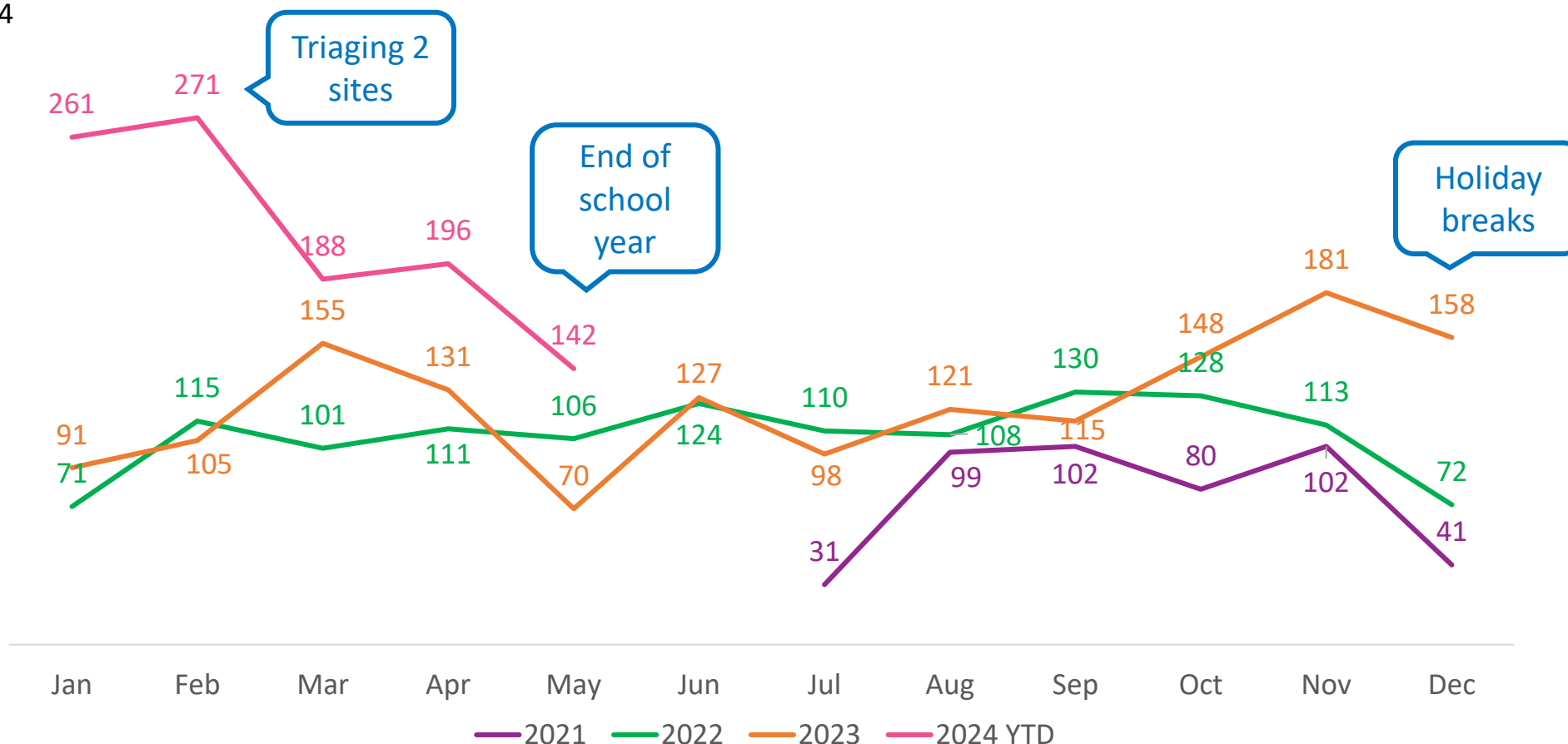
- **Expanded Function Dental Assistant (EFDA)/Certified Dental Assistant (CDA)**

- Without dentist present
- Sealants
- SDF (*EFDA*)



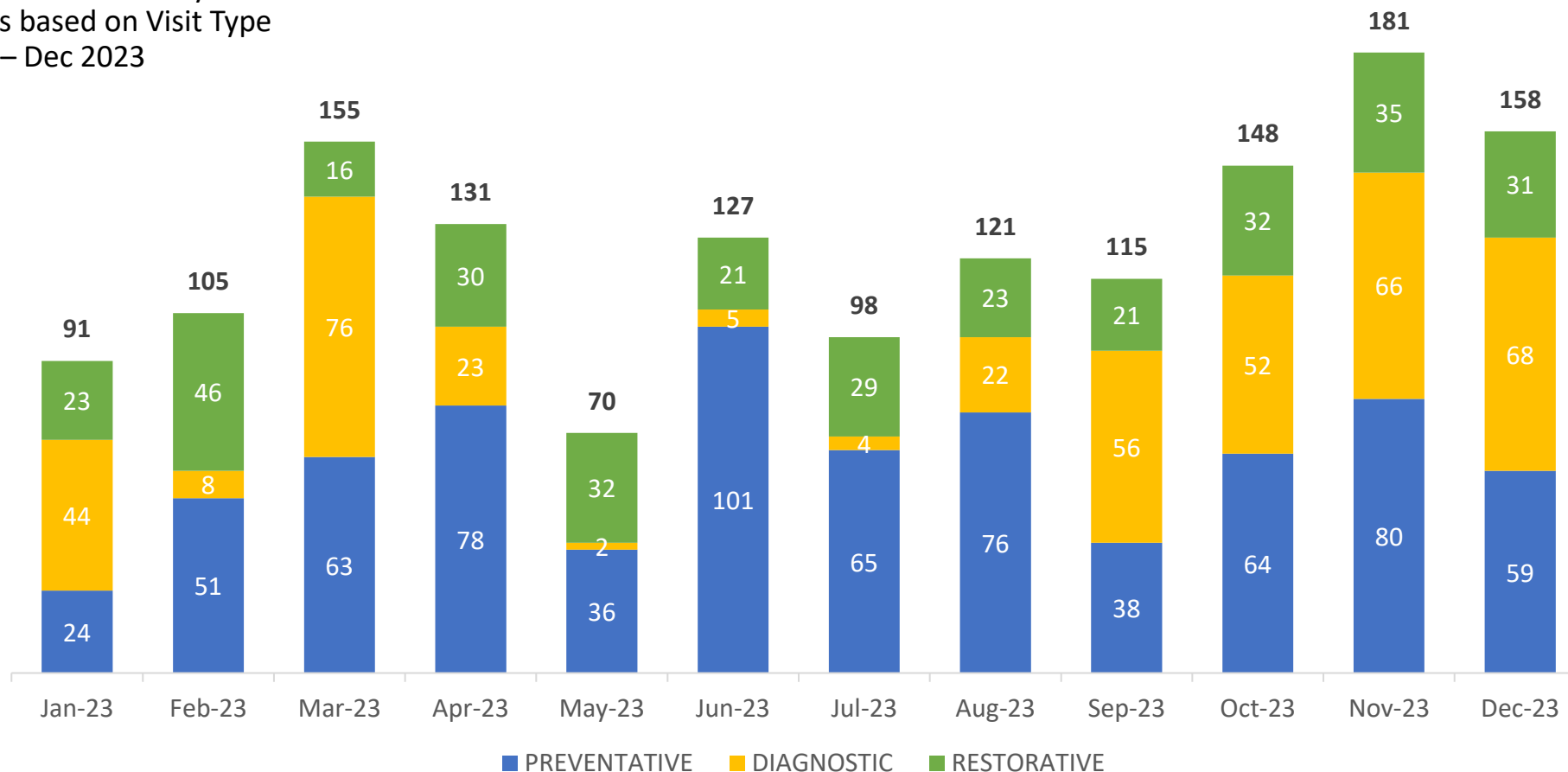
Setting Volume Goals

Visits to NCH Community Dental Clinic
July 2021 – May 2024



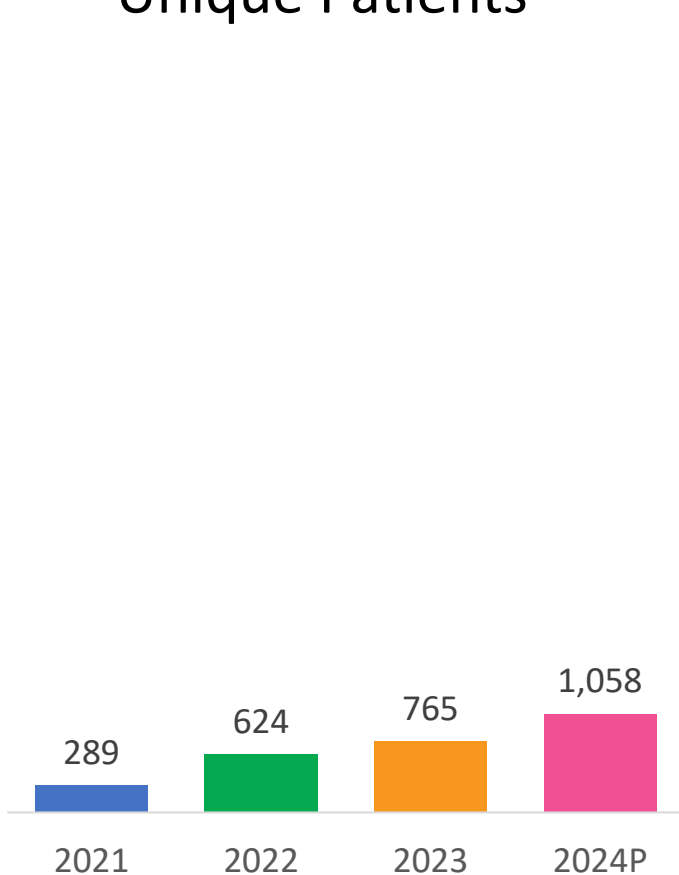
Understanding Types of Care

Visits to NCH Community Dental Clinic
Groupings based on Visit Type
Jan 2023 – Dec 2023

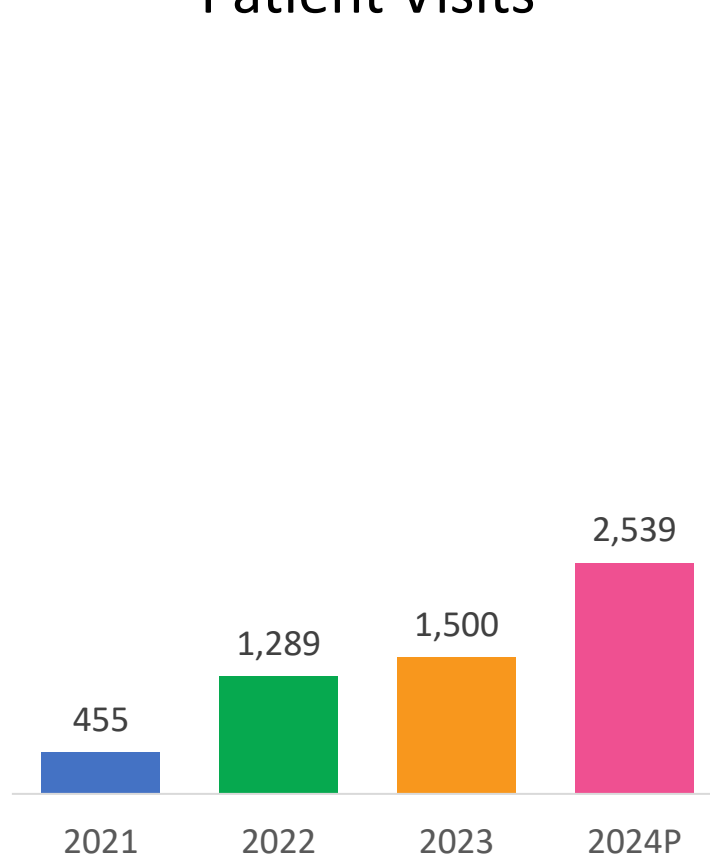


Sharing Dental Data

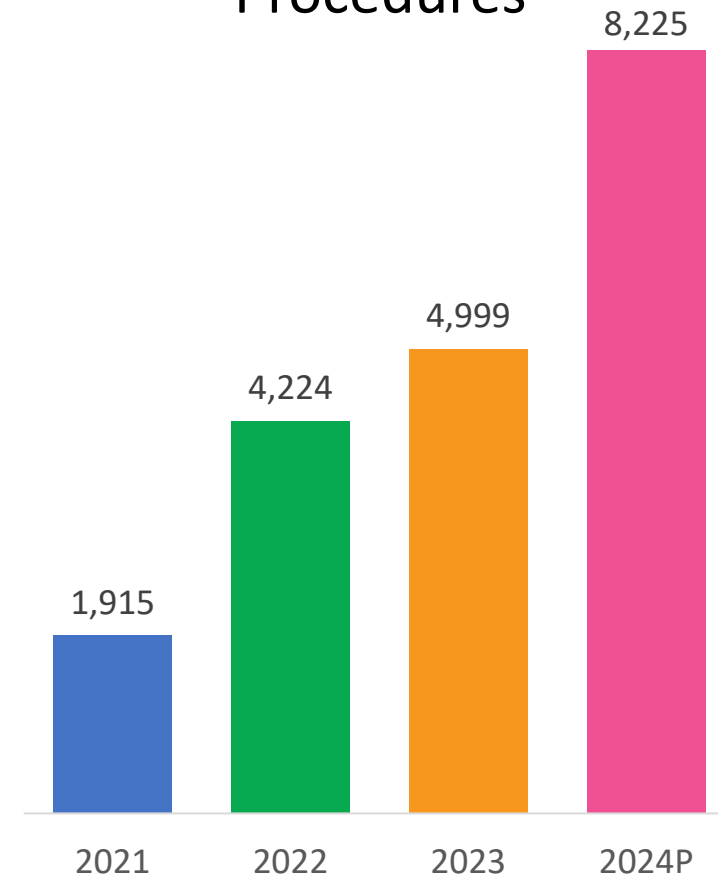
Unique Patients



Patient Visits






Procedures



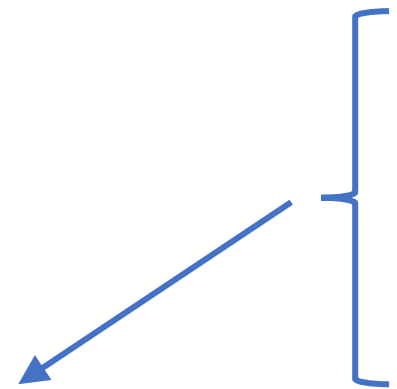
2024 Projections based on data Jan-May

Creating a Budget

Category	Estimate for One Team
 Equipment	\$70,000
 Salaries & Benefits	\$300,000
 Supplies	\$30,000
Total	\$400,000

Role	FTE
Registration Specialist	1.0
Dental Hygienist	1.0
Dental Assistant	0.4
Dentist	0.4

- Other Considerations:
- Equipment upkeep/maintenance
 - Transporting and/or storing Equipment
 - Staff Professional Development



High level estimates only – actual costs will vary based on location, organization, vendor contracts, etc.

Learning Objective 2:

Identify critical **operational** and **evaluation** elements necessary for successful program replication.





Lessons Learned



NATIONWIDE CHILDREN'S
When your child needs a hospital, everything matters.

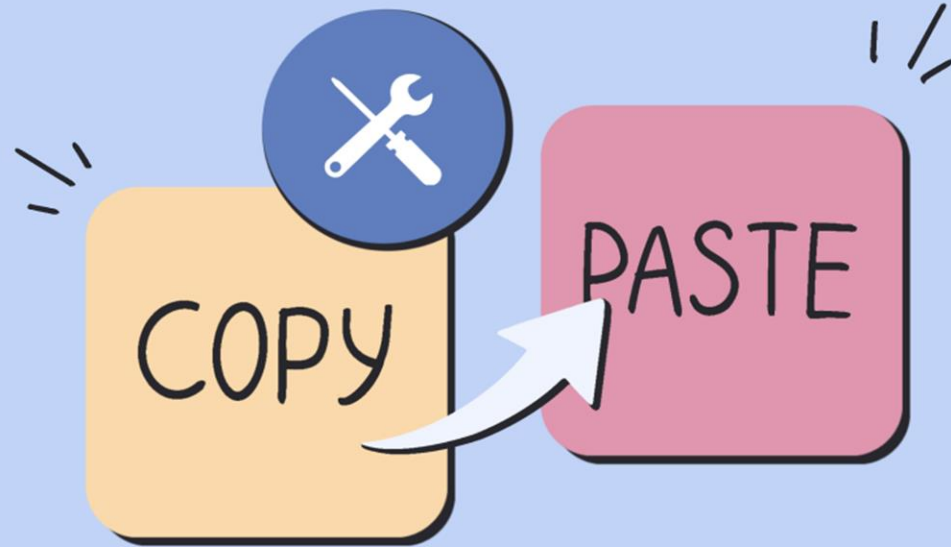


THE OHIO STATE UNIVERSITY
COLLEGE OF DENTISTRY

*Knowledge is power.
Knowledge shared is power
multiplied*







Trust is built in drops and lost in buckets





**efficient
schedules**



**rewrite
when
necessary**



**work with
technology**



**DDS only
treatment**



**simple
change,
big impact**

Learning Objective 3:

Explore oral health **screening methods**, identify oral health findings that warrant **follow up**, and learn the importance of a **fluoride varnish application**.





Oral Health Screening

How to Complete

“Give mom a hug”

“One leg around each of your hips”

“She will lay back into our laps”

“You hold her hands”

- Crying is good – the mouth is open!
- Use your finger on gum pads if needed
- Takes 1-2 minutes!

But what am I looking for?



- Parents **help you**
- “Show and Tell”
 - Teeth
 - Oral hygiene/brushing
 - Caries



Loose tooth



Tooth eruption



Stain



Gingivitis



Fused teeth



Aphthous ulcer



Low frenum attachment



Eruption cyst



Incisal chips



Delayed eruption/teething



Iron Supplement Stain

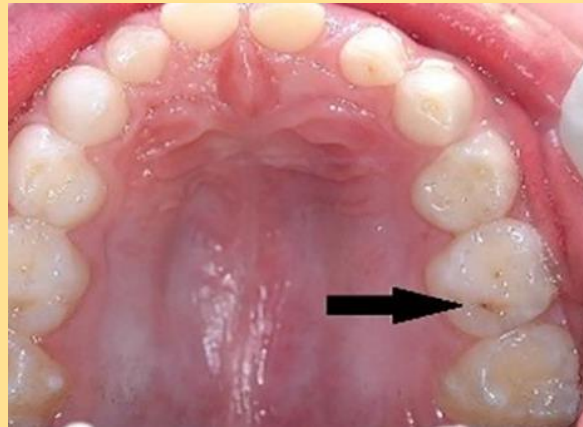


Thrush



Oral Habits





Dental abscess or “pimple”



Dental caries
(cavities)



Dental trauma



Facial
swelling – needs
immediate care

Scenario 1



Scenario 2



Scenario 3



If you see something,
do you have
somewhere to refer
your patients?

Establish a dental
partnership!





Fluoride Varnish

Why?

- Reduces enamel **d**emineralization
- Promotes enamel **r**emineralization
- Easy! **30 seconds or less**



Things to Consider

- Who can **order** vs. who can **apply**
- Pay attention to **IFU** — each brand is different!
- Don't like one kind? **Try another!**



Materials:

- Gauze
- Patient napkin
- Varnish Application



CPT Codes

- Code **99188**
- Example: FV can be done every 180 days until age 6 (**Ohio** Medicaid)
- Does not interfere with dental billing code
- **Private insurance** may not cover
- **No coverage** – what's the plan?





**Find your oral
health champion**

Thank you!

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