



Oral Health in Primary Care
Center for Rural Health
University of North Dakota



The Need to Address Oral Health in Primary Care Settings

March 25, 2021

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Housekeeping Items

- All attendees are muted and attendees cannot share video during this session.
- Remember to ask questions using the chat box.
- Slides and resources for today's session can be accessed on our [program website](#).
- Continuing education credits are available for today's session. To receive a certificate for continuing education, you must complete the evaluation.
- We have made every attempt to make today's presentation secure. If we need to end today's presentation unexpectedly we will follow-up with you using your registration information.

Land Acknowledgement Statement

[UND Land Acknowledgement Statement](#): Today, the University of North Dakota rests on the ancestral lands of the Pembina and Red Lake Bands of Ojibwe and the Dakota Oyate - presently existing as composite parts of the Red Lake, Turtle Mountain, White Earth Bands, and the Dakota Tribes of Minnesota and North Dakota. We acknowledge the people who resided here for generations and recognize that the spirit of the Ojibwe and Oyate people permeates this land. As a university community, we will continue to build upon our relations with the First Nations of the State of North Dakota - the Mandan, Hidatsa, and Arikara Nation, Sisseton-Wahpeton Oyate Nation, Spirit Lake Nation, Standing Rock Sioux Tribe, and Turtle Mountain Band of Chippewa Indians.

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Objectives for Today

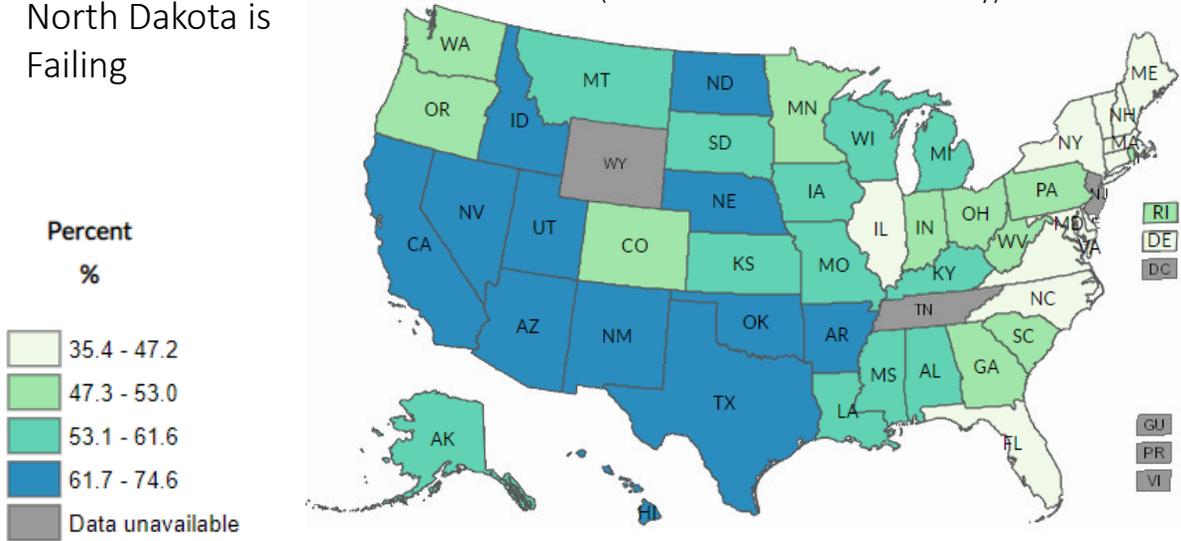
- Attendees will be able to identify and discuss oral health inequities in North Dakota.
- Attendees will be able to describe and understand how oral health impacts overall health.
- Attendees will understand why it is so important that primary care feel comfortable assessing patient oral health.



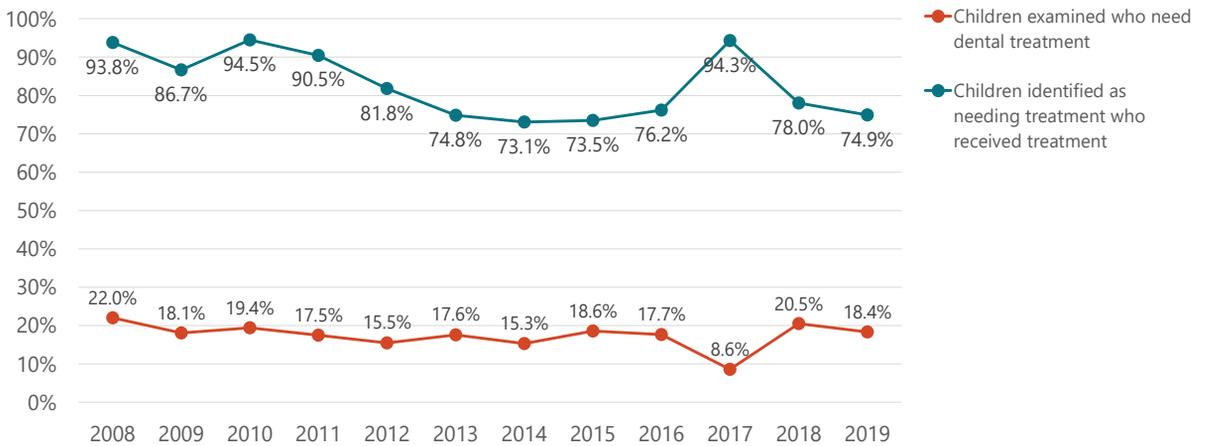
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Current System in North Dakota is Failing

Percentage of Third Grade Students with Caries Experience (treated or untreated tooth decay)

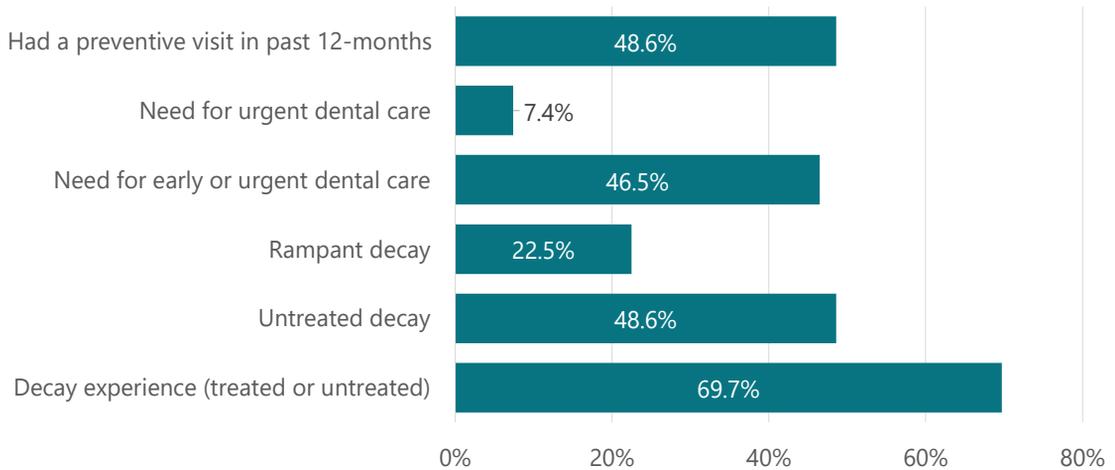


Percentage of Head Start Children in North Dakota Needing and Receiving Dental Treatment in the past 12-Months



Data source: North Dakota Head Start Program Information Report

Percentage of Kindergartners in North Dakota with Specific Oral Health Concerns and Dental Visits, 2019



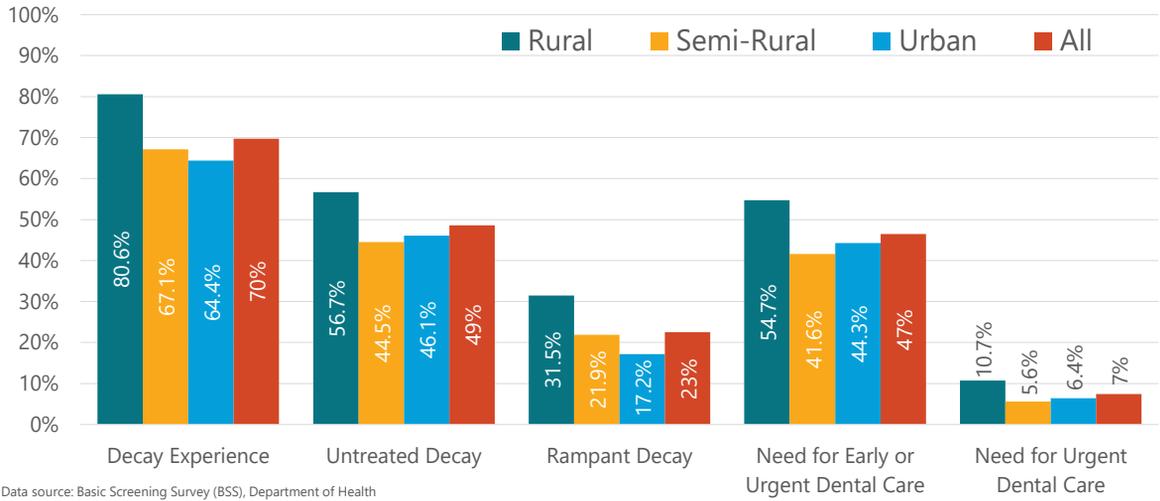
Data source: Basic Screening Survey (BSS), Department of Health

Where and When is it Important for Primary Care to Evaluate Oral Health?

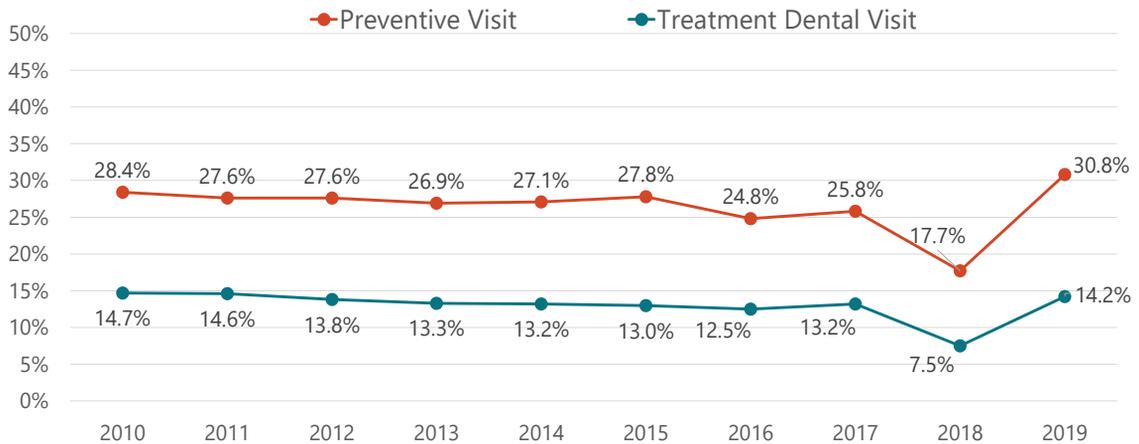
Anywhere and always . . . but especially

- Those who see patients who live in rural areas
- Those who see patients who are Indigenous
- Those who see patients who are Medicaid-eligible

Percentage of Kindergartners in North Dakota with Oral Health Concerns and Dental Visit Need by Geography, 2019

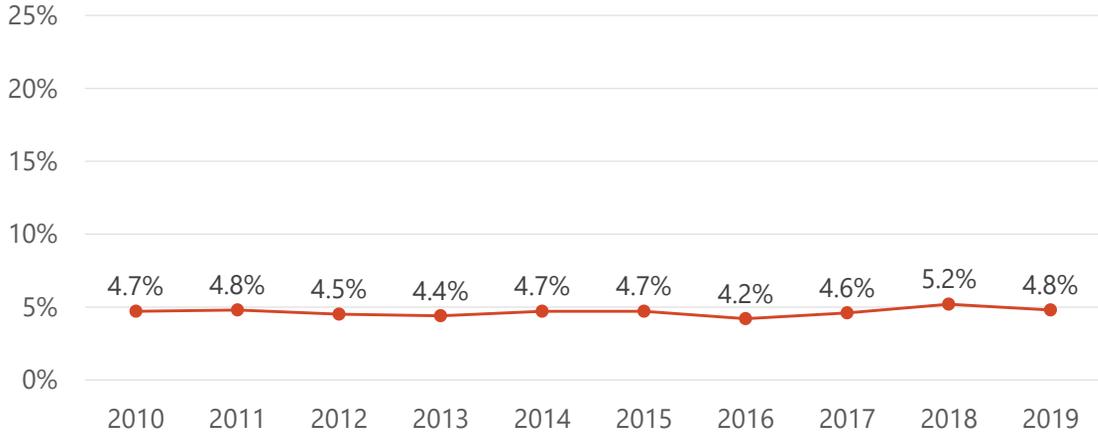


Percentage of North Dakota Medicaid-enrolled Children (ages 0-21) with Any Dental Visit, Preventive Visit, or Treatment-based Visit in the past 12-months



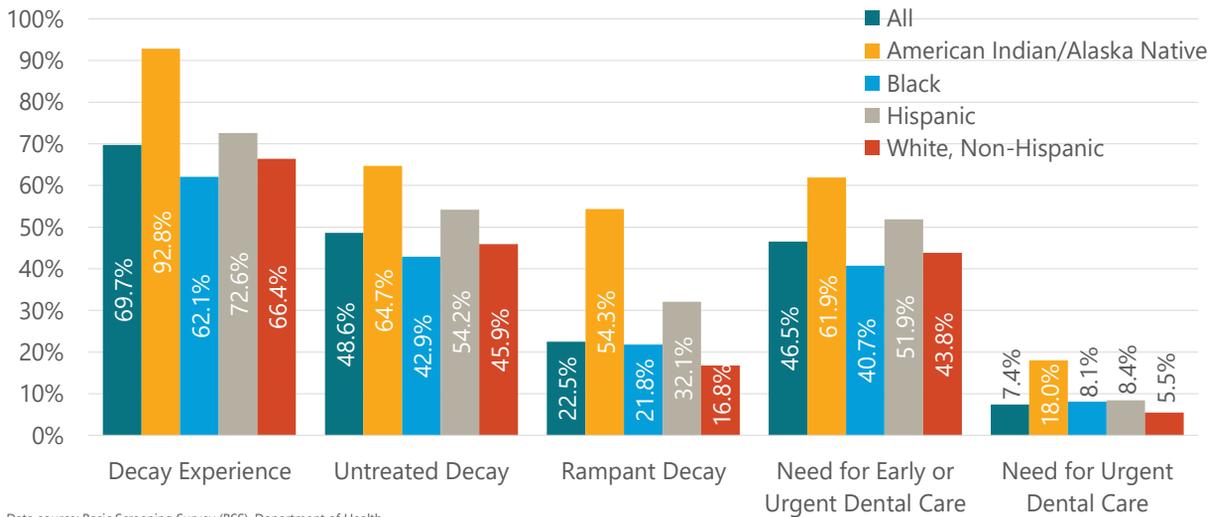
Data source: Medicaid Claims

Percentage of Medicaid-enrolled Children (ages 0-21) Receiving a Dental Sealant on a Permanent Molar Tooth



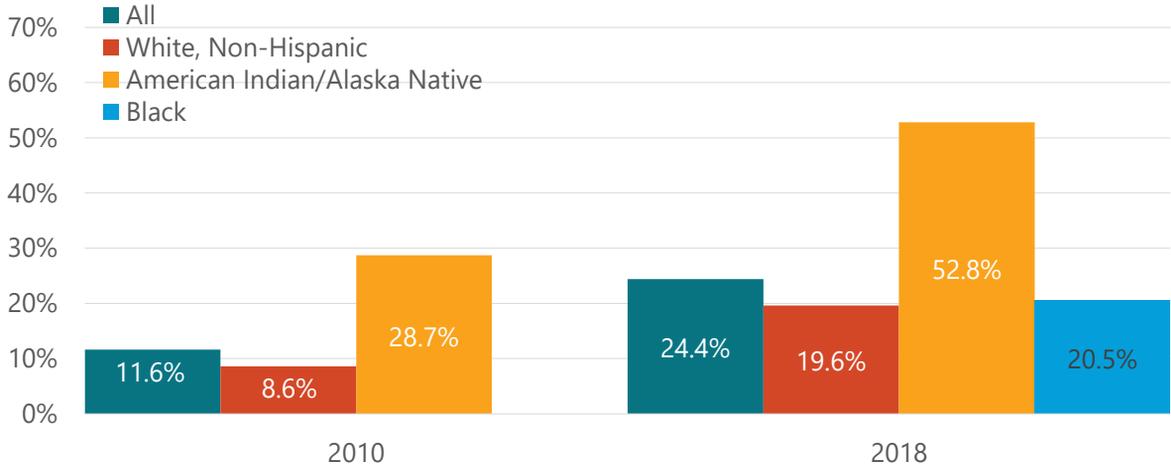
Data source: Medicaid Claims

Percentage of Kindergartners in North Dakota with Oral Health Concerns and Dental Visit Need, 2019



Data source: Basic Screening Survey (BSS), Department of Health

Percentage of Third Grade Students in North Dakota with Rampant Decay



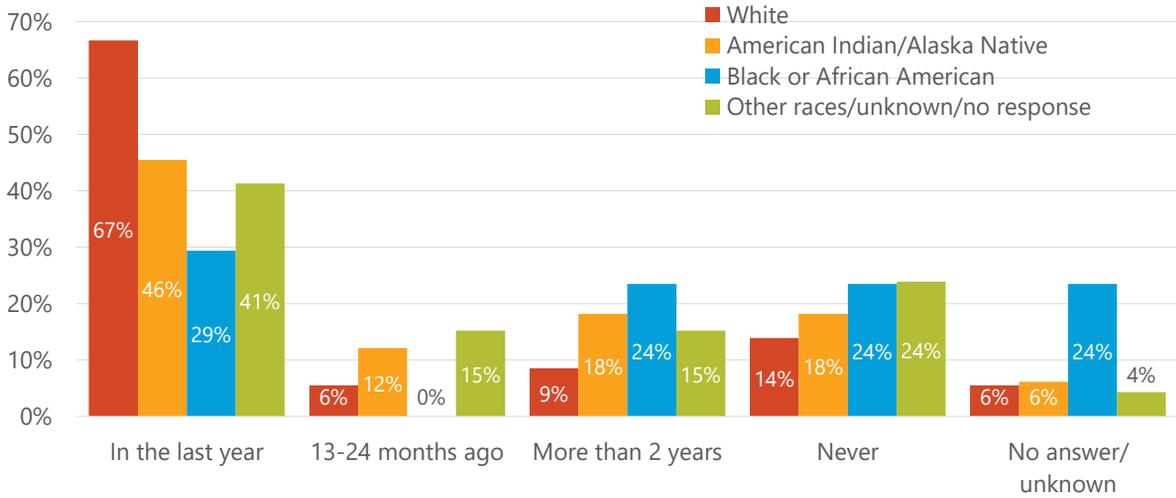
Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade

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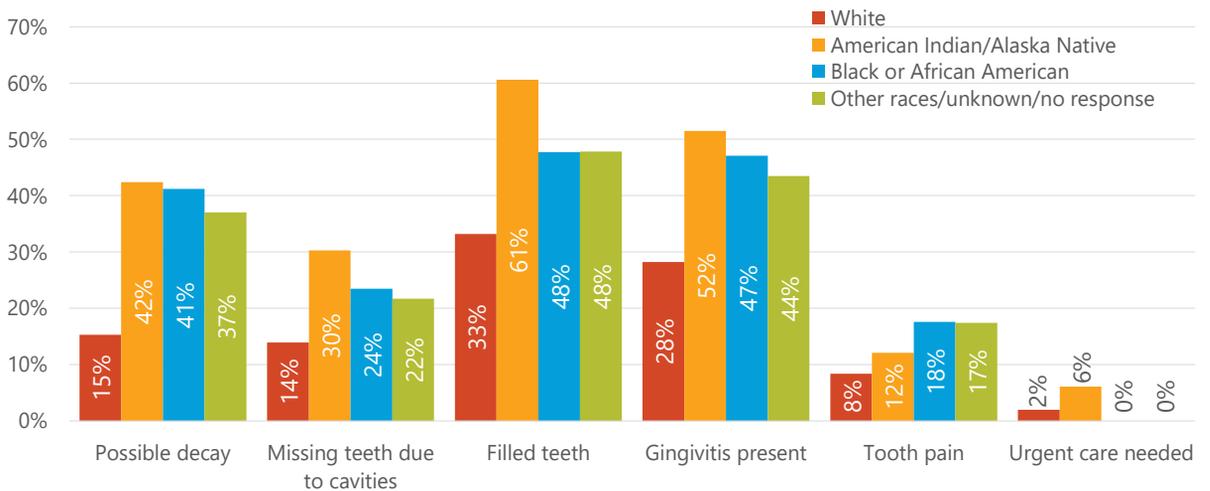
Who Would Primary Care Reach?

Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists: Sept. 2019 - March 2020 (N=298)



Data source: Public Health Hygienist and the UND Center for Family Medicine, Bismarck

Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists with Dental Conditions and Care Needs: Sept. 2019 - March 2020 (N=298)



Data source: Public Health Hygienist and the UND Center for Family Medicine, Bismarck



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Oral Health and Overall Health

Health of the mouth is not separate from health of the rest of the body.



Pediatric Oral Health: Health Outcomes

- Pain
- Nutrition
- Speech
- Time out of school
- Fear in adulthood
- Orthodontics/additional specialties

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Well-Child Visits!

- Lift the lip/open mouth
- Referral to a dental home
- Bonus: Fluoride Varnish

**The dental
community
relies on YOU!**



Early Dental Appointments

- If they have a tooth we want to see them!
- Caregiver nutrition
- Pacifier use
- water/fluoride

Dental visits
are
FUN!



What to look for: Pediatrics



What to look for: Adults



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What to look for: Older Adults



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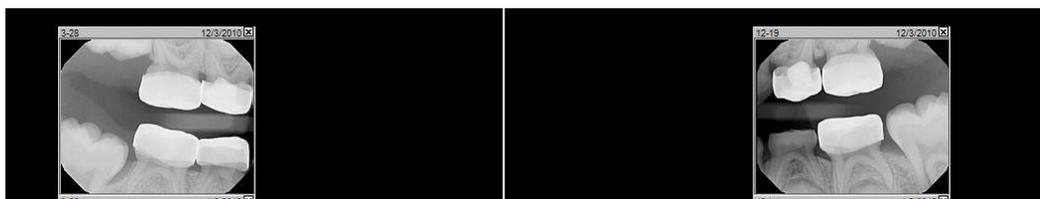


Case Presentation

Success Story

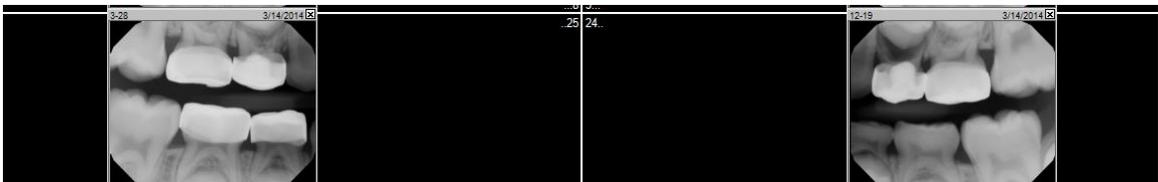
2008 Patient is 3 years old at first visit, Medical Assistance
Child uncooperative, referral to specialist treat early childhood
caries 8 teeth treated with SSC/fillings and pulpotomies (root
canals)

2009 Patient tolerates Head Start screening and cleaning



2010: pt seen for regular dental check-ups and cleanings in the clinic (5 years old)

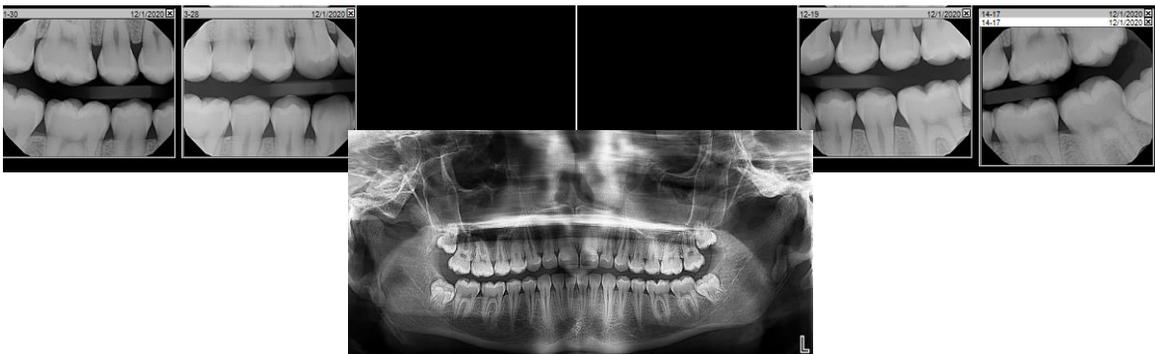
2011-2018: regular cleanings and fluoride applications every 6 mo to 1 year, sealants placed as adult teeth erupt



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Success!

2020: 16 years old, patient has all his adult teeth, wonderful behavior noted in chart, good oral hygiene habits, sealants throughout.



The “Other” story

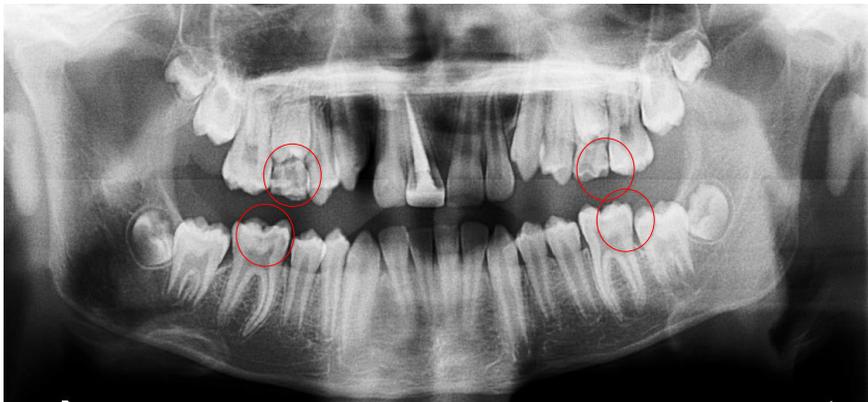
- Patient’s first visit was 2017 at age 10 due to hockey stick to the face
- Medical assistance
- Child extremely cooperative, multiple praising noted



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2018

Finished root canal and started comprehensive work



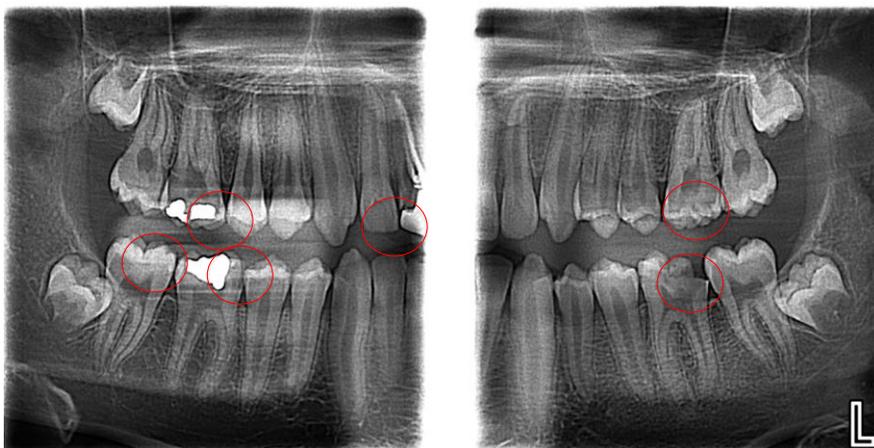
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2021



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2021 Panoramic image



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2018-2021 Comparison



PA: Infected 6-year-molar that was a cavity



2021 Options are a root canal or extraction

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Thank you!

Time for Questions & Answers

EVALUATION

At the end of today's session, please take a moment to complete a **brief** survey about today's training. If you would like continuing education credit, you must complete the evaluation.



Make new QR code and add the URL to the evaluation here in this text box

Upcoming Clinics



Completing Pediatric Dental Screens in Primary Care Settings

April 08, 2021

12:00 – 1:00 pm Central

Applying and Billing for Fluoride Varnish in a Health Care Setting

April 22, 2021

7:00 – 8:00 am Central

Learn more and Register at:

ruralhealth.und.edu/projects/project-echo/topics/oral-health



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