



Practical Applications of Teledentistry-Expanding Access to Care

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Teledentistry?



What is Teledentistry?

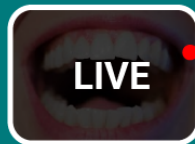
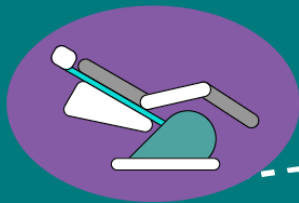


What is Teledentistry?

Use of communications technology for oral health assessment, consultation, and education.

Synchronous

A dental provider views a live communications feed to consult and diagnose the patient.



On the other end of the feed, a dental hygienist or other medical practitioner uses digital x-rays, intraoral cameras and other tools to gather information about the patient.

Asynchronous

Charts and diagnostic material are electronically sent to a dental provider to review at a later date.



Teledentistry allows dental providers in central locations to provide quality assessments and diagnoses to patients in distant locations, like much of rural North Carolina, where communities traditionally lack access.

How it all started...



- 2011- NOHC presentation given by Dr. Paul Glassman on the Virtual Dental Home model entitled “Welcome to the Future: Using Telehealth Enabled, Geographically Distributed, Collaborative, Oral Health Systems to Improve Oral Health of Underserved Populations.”
 - Dentists and allied dental personnel collaborate at a distance
 - Establishes a community based collaborative virtual health home for populations that would otherwise not receive dental care
 - Brings care to where the people are
 - Allows all professionals to work at the top of their profession





The Virtual Dental Home



Results of Pilot



- Over 700 students received dental care in their schools
- 53% had untreated decay which means 47% were able to be “kept healthy” in the community setting

› [J Public Health Dent](#). 2022 Mar;82(2):229-238. doi: 10.1111/jphd.12465. Epub 2021 Jun 17.

Training dental hygienists to place interim therapeutic restorations in a school-based teledentistry program: Oregon's virtual dental home

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Affiliations + expand

PMID: 34142372 DOI: [10.1111/jphd.12465](#)

Expansion to other sites



Other avenues of Teledentistry



A Healthy Smile is Part of a Healthy Body

Your oral health influences your overall health and wellness.

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800-525-6800

Capitol Dental Cares

Capitol Dental Cares About Your Oral Health

5 Basics of Oral Health

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- Water for Thirst ✓
- Tooth Healthy Foods ✓
- Brush, Floss, Swish ✓
- Going to the Dentist ✓

We offer TeleDentistry

Can't make it into the office in person? No problem. Schedule a TeleDentistry appointment with us. We can do video calls right from the comfort of your home or wherever it is convenient.

Capitol Dental Care®, SmileKeepers™ and the Gentle Dental® logo are registered service marks of Franchised Service Corporation. Franchised provides business support services to independent dentists, but does not practice dentistry.

Supportive Documents



- ADA policy- ada.org/about/governance/current-policies/ada-policy-on-teledentistry

“The ADA believes that examinations performed using teledentistry can be an effective way to extend the reach of dental professional, increasing access to care by reducing the effect of distance barriers to care.”

- Accuracy and effectiveness of teledentistry: a systematic review of systematic reviews

[nature.com/articles/s41432-022-0257-8](https://www.nature.com/articles/s41432-022-0257-8)

“Current evidence supports teledentistry as an effective means for dental referrals, treatment planning and compliance and treatment viability.”



In-Person Versus “Virtual” Dental Examination: Congruence Between Decision-Making Modalities

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ABSTRACT This study evaluated the agreement of a dentist’s conclusions reached through an in-person versus a virtual examination. The dentist determined whether a patient was healthy enough to be treated only by allied dental personnel in a community setting or whether the patient needed to be seen by a dentist. The study concludes that a virtual examination is a strong substitute for an in-person examination and validates the application of telehealth-enabled examinations.

Legislative action



- Senate Bill 786 from the 2017 session- requires the Oregon Board of Dentistry to allow dental care provider to use telehealth when dental care provider determines telehealth is appropriate. Requires board to treat provision of dental care service in same manner regardless of method of delivery of dental service.

What's next?



- Expansion to more sites (Hospitals, Substance abuse recovery centers, Care homes for Seniors and those with disabilities)
- Incorporate 3D scanners





Thank you!

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