

DENTAL CARE IN LONG TERM CARE FACILITIES

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LAND ACKNOWLEDGEMENT

Where The Ohio State University occupies is the ancestral and contemporary territory of the Shawnee, Potawatomi, Delaware, Miami, Peoria, Seneca, Wyandotte, Ojibwe and Cherokee peoples. The university resides on land ceded in the 1795 Treaty of Greeneville and the forced removal of tribes through the Indian Removal Act of 1830. We want to honor the resiliency of these tribal nations and recognize the historical contexts that have and continue to affect the Indigenous peoples of this land.

<https://odi.osu.edu/land-acknowledgment>



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DISCLAIMERS

- Stephen Beetstra, DDS MHSA
 - I receive funding this year from the following institutions: Franklin County Ohio Board of Developmental Disabilities, Delta Dental Foundation of Michigan, Indiana, Ohio, and North Carolina; G.L.O.W. Foundation, Health Resources and Services Administration, National Council on Disabilities, and Ohio Medicaid through the MEDTEPP program.
 - I do not receive any funding for hair growth products but am willing to be sponsored by some if they work.



LEARNING OBJECTIVES

- Why is oral health important?
- Impact of aging on oral health and how to minimize the effect.
- Role of healthcare providers in long term care facilities to facilitate and improve oral health.



WHY IS IT IMPORTANT

- Oral disease impacts physical, psychological, and social well-being through pain, diminished function, and reduced quality of life.
- Robust evidence supports the notion that there is an increased risk of atherosclerotic vascular disease among people with chronic periodontitis
- A systematic review also supports the link that periodontal disease, tooth loss, and oral cancer are associated with diabetes
- A systematic review demonstrated that gingivitis, dental caries, tooth loss, edentulousness may be linked increased risk of developing cognitive impairment and dementia
- **Poor oral health significantly increases risk of aspiration pneumonia**
- More people have teeth as the age than in the past



CMS REGULATIONS PAGES 624 - 628

- Key Elements of Noncompliance – Medicare/Medicaid
 - Failed to provide or obtain from an outside resource, in accordance with §483.70(f), routine and emergency dental services to meet the needs of each resident; or
 - Did not assist the resident as necessary or requested to make appointments for dental services and/or arrange for transportation to and from the dental service location; or
 - Did not promptly, within three business days, refer a resident with lost or damaged partial or full dentures and/or documented the extenuating circumstances that led to a delay; or
 - Did not document what the facility did to ensure a resident with missing or damaged dentures could still eat and drink adequately while awaiting dental services; or
 - Charged a resident for the loss or damage of partial or full dentures determined to be the facility's responsibility
 - Failed to assist a resident who is eligible to participate in Medicaid services
 - Charged a Medicaid resident an added fee for dental services covered in the state plan



HOW DOES AGING EFFECT ORAL HEALTH

- Decrease dexterity – Significantly poorer home care
- Decreased Salivary Flow
 - Salivary gland dysfunction
 - Medication related
 - Increase in dental caries (Especially root surface caries)
 - Increase is pain and symptoms of dry mouth
- Changes in dental morphology



WHAT CAN WE DO?

- Utilize technological advances to allow improved hygiene selfcare
- Train our staff how to safely provide oral hygiene services
 - Only use Toothettes on edentulous patients
 - Teach them how to safely brush another's teeth using brushes (manual or mechanical) and retractors
- Start using fluoride
 - Do fluoride varnish applications every three months on individuals with high caries rates
 - Have someone come in a use silver diamine fluoride to arrest root caries
- Prescribe salivary substitutes for those with dry mouth
- Utilize mobile dentistry to complete provide preventive and restorative procedures in your practice





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QUESTIONS? AND THANK YOU

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REFERENCES

- U.S. Department of Health and Human Services Oral Health Coordinating Committee. U.S. Department of Health and Human Services Oral Health Strategic Framework, 2014-2017. Public Health Rep. 2016;131(2):242–257
- Dietrich T, Webb I, Stenhouse L, Pattni A, Ready D, Wanyonyi KL, White S, Gallagher JE. Evidence summary: the relationship between oral and cardiovascular disease. Br Dent J 2017. Mar 10;222(5):381–385.
- D’Aiuto F, Gable D, Syed Z, Allen Y, Wanyonyi KL, White S, Gallagher JE. Evidence summary: The relationship between oral diseases and diabetes. Br Dent J. 2017. Jun 23;222(12):944
- Daly B, Thompsell A, Sharpling J, Rooney YM, Hillman L, Wanyonyi KL, White S, Gallagher JE. Evidence summary: the relationship between oral health and dementia. Br Dent J 2018. Jan;223(11):846–853.

