

Periodontal Health and Cardiovascular Disease Associations and Action Plans

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Kentucky Public Health
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CABINET FOR HEALTH
AND FAMILY SERVICES

Periodontal Disease: A Review (or Primer)



Source: My Dental School Education

Perfect Dental Health



🛡️ Perfect Dental Health

- No Swelling
- No Bleeding
- No Pain

Gingivitis



Gingivitis

- Plaque and Biofilm
- Inflammation Obvious
- Can Progress to Periodontal Disease

Periodontitis (Periodontal Disease)



- 🛡️ Periodontal Disease
 - Irreversible Destruction of Supporting Tissues
 - » Soft tissue
 - » Underlying connective tissue
 - » Bone resorption

Impact of Periodontitis



Bacteria

- Bacteremia
- Found in Atherosclerotic Plaques



Tiny Blood Clots

- Heart Attack
- Stroke

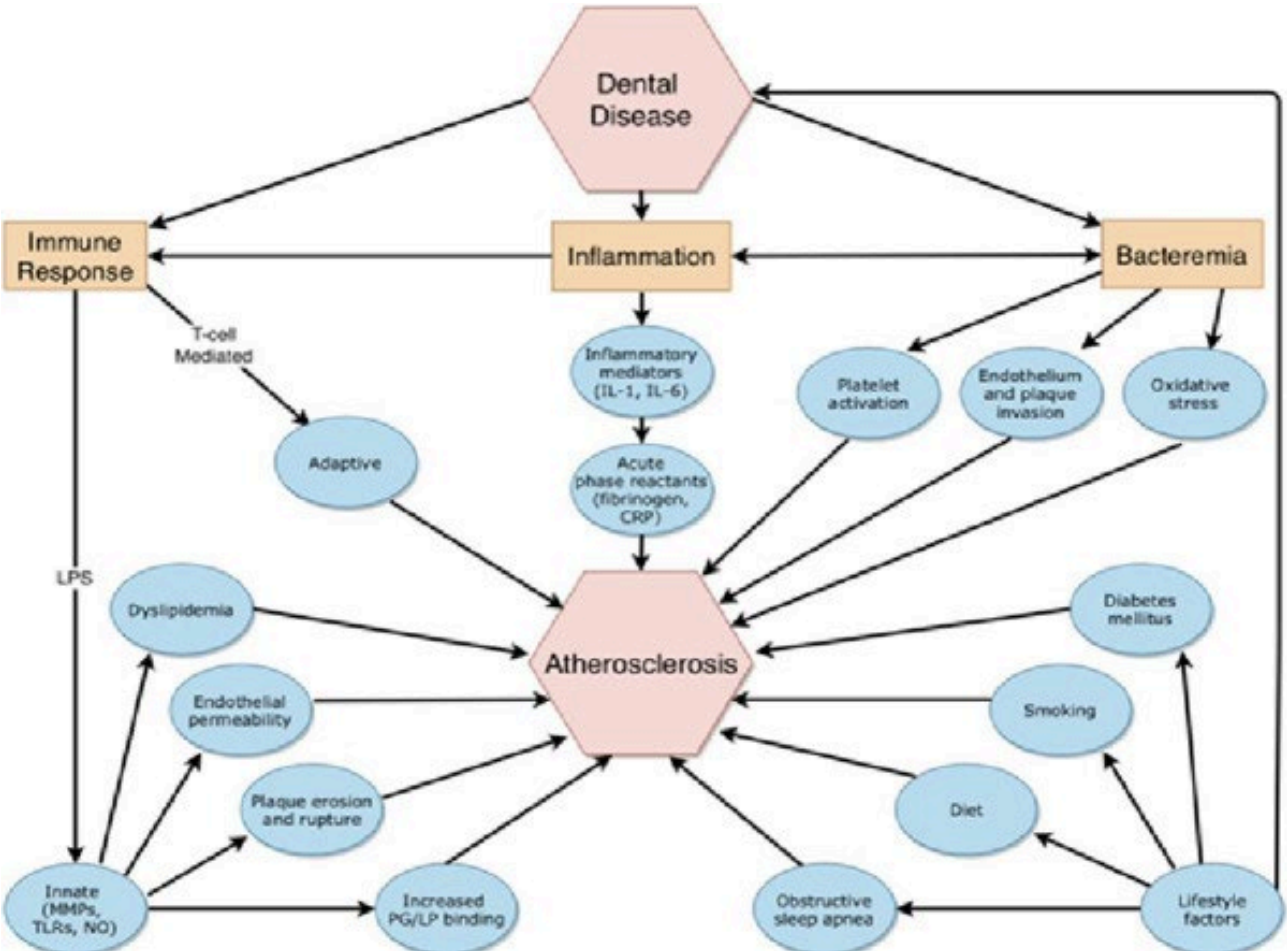
[Gum disease and the connection to heart disease - Harvard Health](#)

Impact of Periodontitis

- 🛡️ Antibiotics
 - Treats the oral disease not the systemic impact
- 🛡️ Inflammation
 - This is the key to the association

[Gum disease and the connection to heart disease - Harvard Health](#)

The “Suggested” Association



[Oral health and atherosclerotic cardiovascular disease: A review - PMC \(nih.gov\)](#)

So, What Do We Do?



Kentucky's Strategic Plan for Oral Health

- 🛡️ Inter-Professional Collaboration
- 🛡️ Professional Education
 - Medical School Components
 - Continuing Education for PCPs
- 🛡️ Public Awareness Campaign
 - Educate Patients
- 🛡️ Connect Patients to Services
 - Primary Care
 - Dentists

STRATEGIC PLAN Oral Health in Kentucky



2017 Strategic Plan on Oral Health

from the Kentucky Oral Health Program

Kentucky Department for Public Health
Division of Maternal and Child Health

December 2017



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2017 Strategic Plan for Oral Health

So, What Do We Do?

- 🛡️ Collaboration of Prevention Programs
 - Chronic Disease Branch
- 🛡️ Integration of Dental and Medical Professionals
 - Make It Normal

What Can I Do?

- 🛡️ If You Are a Primary Care Provider
 - Inquire About Your Patient's Dental Health History
 - Look in the Mouth
- 🛡️ Educate
- 🛡️ Consult
- 🛡️ Refer

What Can I Do?

- 🛡️ If You Are a Dentist:
 - Inquire about Your Patient's Systemic History
 - Perform and Record a Complete Oral Examination
 - Encourage Treatment Plan Completion
- 🛡️ Educate
- 🛡️ Consult
- 🛡️ Refer

What Can I Do?

- 🛡️ If You Are a Patient:
 - See Your Dentist as Recommended
 - Complete Your Treatment Plan
 - Tell your Non-Dentist Providers About Your Dental Health
 - Look in Your Own Mouth
- 🛡️ Educate
- 🛡️ Consult
- 🛡️ Refer

Take Home Messages

- 🛡️ Periodontal Health Impacts Systemic Health
 - Association
 - Inflammation
- 🛡️ More Active Role
 - Provider
 - Patient
- 🛡️ Action Plan
 - Educate
 - Consult
 - Refer



Questions?

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