

The Forgotten Orifice

Heroes of Healthcare

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Oklahoma Dental Hygiene Association
November 7, 2020

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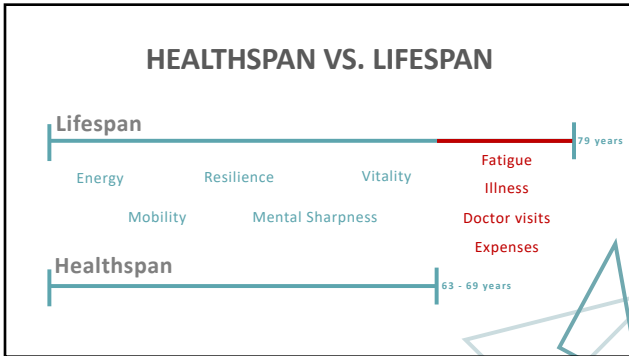
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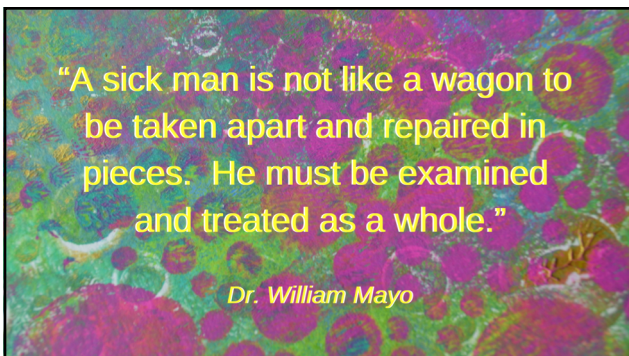
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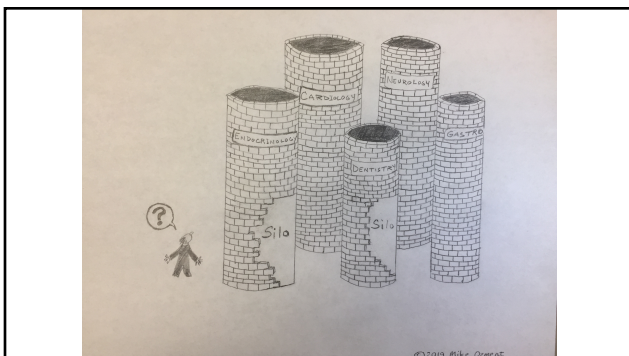
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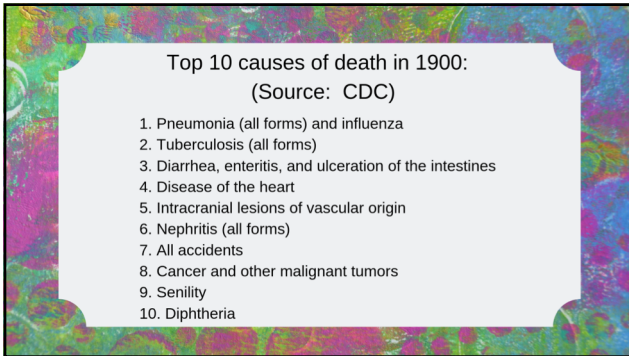
Goals Today:

1. To inspire you to reexamine your impact in extending the healthspan of your patients,
2. To empower you with relevant research in the area of oral-systemic health, and
3. To equip you to better understand your role as an ESSENTIAL healthcare provider.



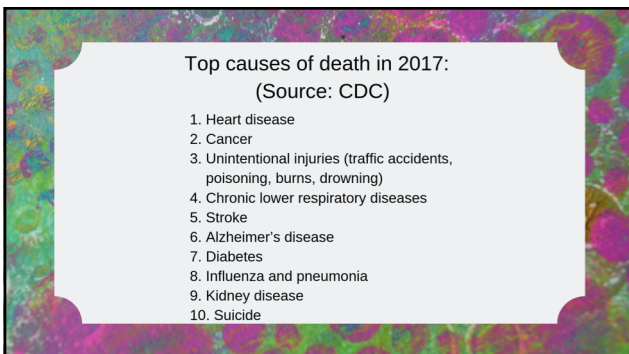






Top 10 causes of death in 1900:
(Source: CDC)

1. Pneumonia (all forms) and influenza
2. Tuberculosis (all forms)
3. Diarrhea, enteritis, and ulceration of the intestines
4. Disease of the heart
5. Intracranial lesions of vascular origin
6. Nephritis (all forms)
7. All accidents
8. Cancer and other malignant tumors
9. Senility
10. Diphtheria



Top causes of death in 2017:
(Source: CDC)

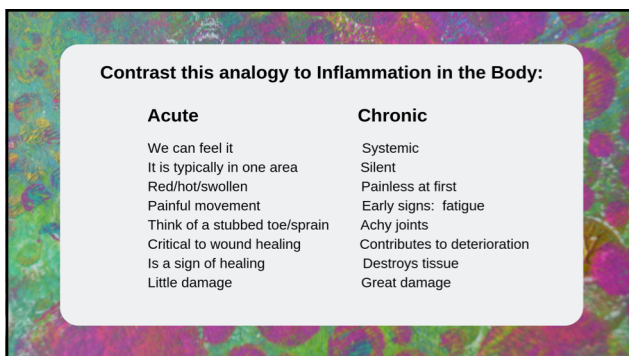
1. Heart disease
2. Cancer
3. Unintentional injuries (traffic accidents, poisoning, burns, drowning)
4. Chronic lower respiratory diseases
5. Stroke
6. Alzheimer's disease
7. Diabetes
8. Influenza and pneumonia
9. Kidney disease
10. Suicide

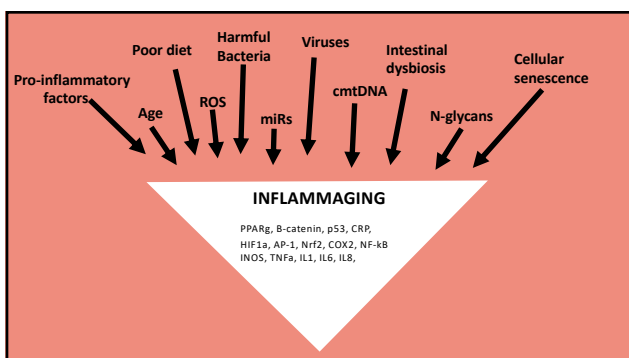


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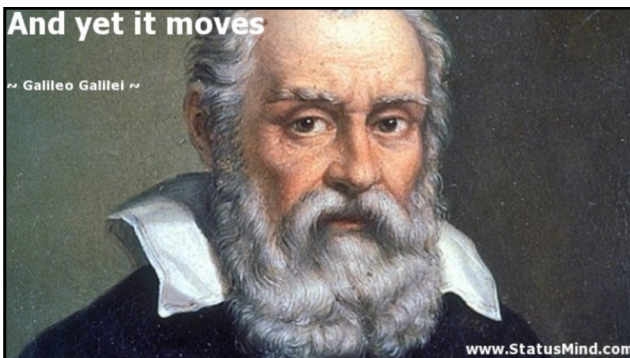
It's an Inflammatory Cascade!

- Sedentary Lifestyle
- Processed Foods/Sugar (Inadequate antioxidants)
- Insufficient Sleep
- Stress (Distress)
- Gut Dysbiosis
- Chronic Dehydration
- Chronic Infections including Periodontal Disease

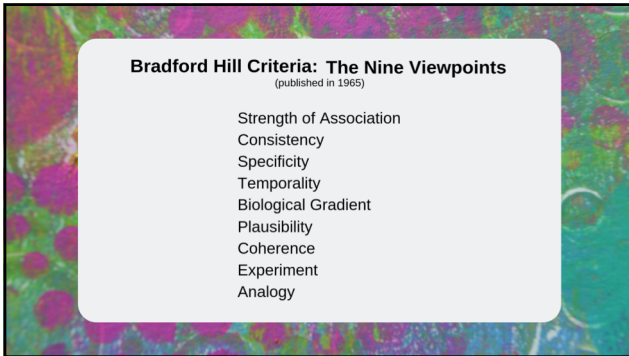
Ideas Change Slowly

And yet it moves

~ Galileo Galilei ~

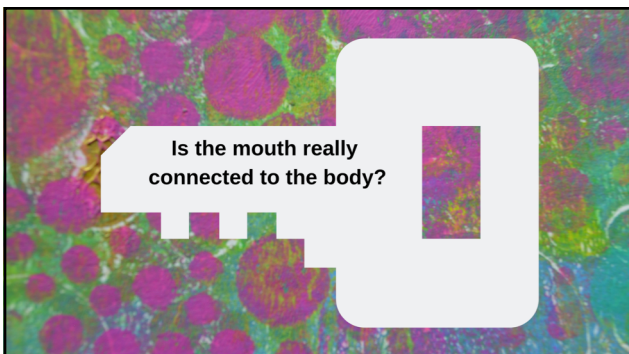


www.StatusMind.com

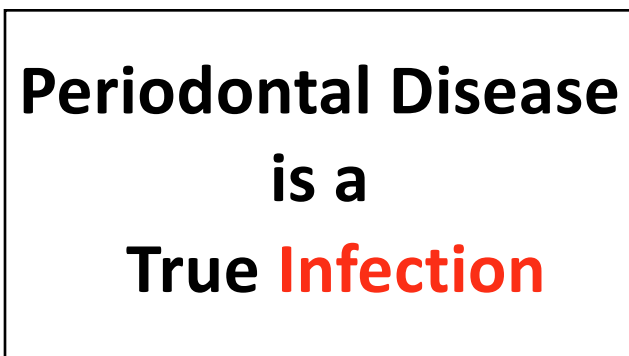


Bradford Hill Criteria: The Nine Viewpoints
(published in 1965)

- Strength of Association
- Consistency
- Specificity
- Temporality
- Biological Gradient
- Plausibility
- Coherence
- Experiment
- Analogy



Is the mouth really connected to the body?



Periodontal Disease
 is a
True Infection

[illegible]

HealthDiagnosticLaboratoryInc.

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Lab Results

Referring Physician

Dr. Karen White

Referring Facility

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Lab Results

Referring Physician

Dr. Christopher Lee

Referring Facility

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Referring Email

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Lab Results

Referring Physician

Dr. Michelle Garcia

Referring Facility

St. Mary's Hospital

Referring Address

123

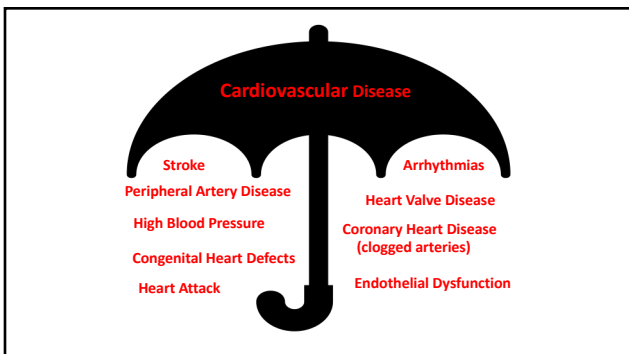
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“Because gum disease affects 80 percent of the global population, I am convinced that it is the largest, most underdiagnosed, undertreated, communicable disease in the world. “

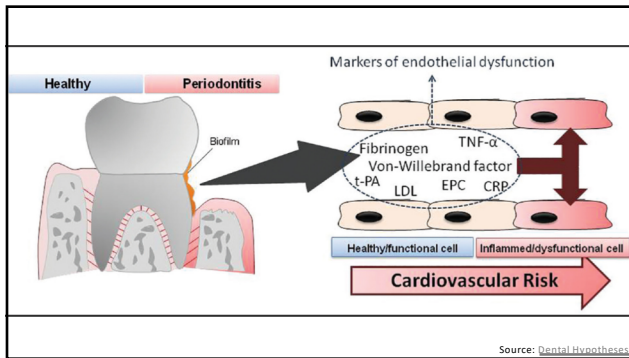
- Dr. Debbie Ozment

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THE TRIPLE THREAT TO ARTERIAL DISEASE

People with periodontal disease have:

1. Increased small, dense LDL cholesterol
2. Increased artery wall permeability
3. Increased "stickiness" of arterial inner layer

Source: Bale and Doneen

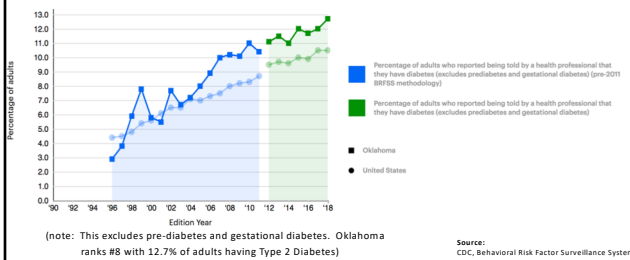




Comorbidities of Type 2 Diabetes

Heart Disease
Obesity
Hypertension
Dyslipidemia
Non-alcoholic Fatty Liver Disease
Periodontal Disease

Trend: Diabetes, Oklahoma, United States Thru 2018

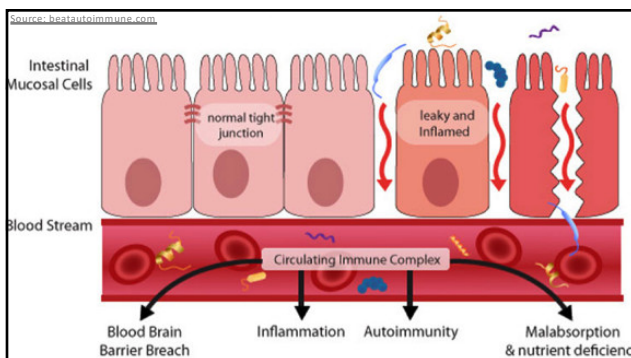


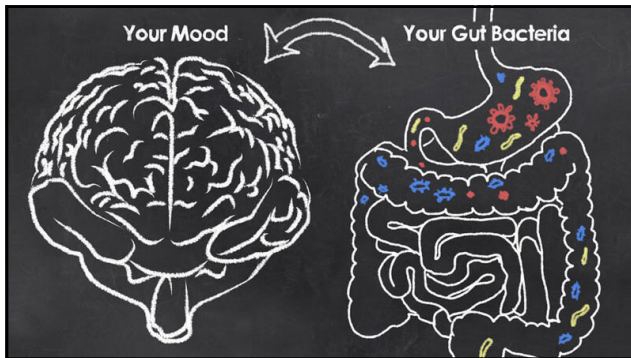
Periodontal Disease: The 6th major complication of Type 2 Diabetes

1. Retinopathy - vision problems
2. Nephropathy - kidney problems
3. Neuropathy - nerve problems
4. Cardiovascular Disease - heart problems
5. Poor Wound Healing - increased amputation risk
6. Periodontal Disease – Our area of expertise!

“The road to health is paved with good intestines.”

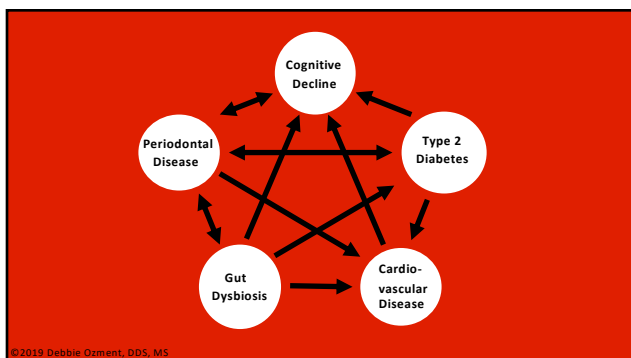
by Sherry A. Rogers

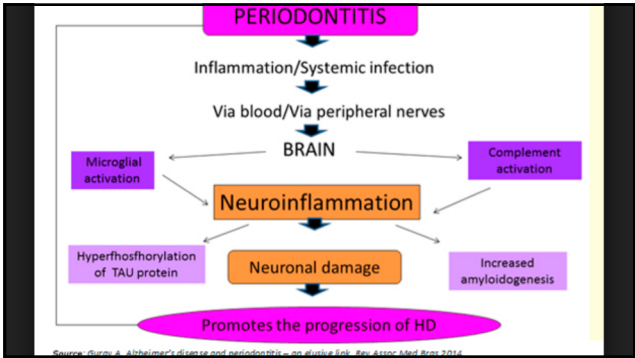


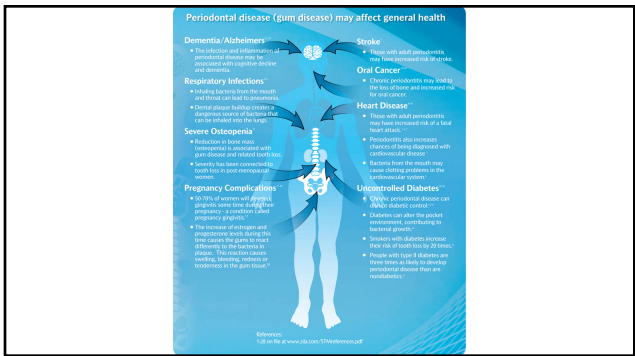


Why it Matters:

1. While often essential, antibiotics that we prescribe can disrupt the normal flora in the gut,
2. High numbers of oral bacteria have been detected in the guts of people with Periodontal Disease, and
3. Dysbiosis and inflammation of the gut have been linked to anxiety, depression, and cognitive decline.







PERIODONTAL MOLECULAR ANALYSIS OF PERIODONTAL AND SYSTEMIC PATHOGENS

High Risk Pathogens

Low Risk Pathogens

Interpretation of Results

Systemic Effects of Oral Pathogens

Cancer

Cardiovascular Health

Joint and Musculoskeletal Health

Dementia and Brain Health

Metabolic Health

Healthy Pregnancy

Interpretation of Results

Systemic Effects of Oral Pathogens

Cancer

Cardiovascular Health

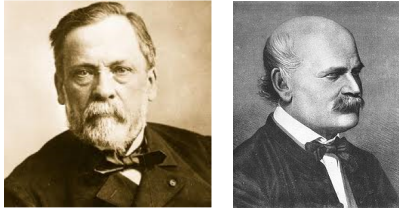
Joint and Musculoskeletal Health

Dementia and Brain Health

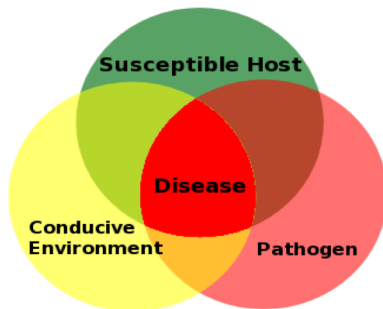
Metabolic Health

Healthy Pregnancy

Opposing Views



"The germ is nothing, the terrain is everything"
Louis Pasteur



**Let's Talk About
 COVID -19**

A photograph of Debbie Ozment, a woman with blonde hair, wearing a red blazer over a black top and a grey patterned skirt. She is standing on a stage with a red carpet, in front of a large, illuminated TEDx logo. The stage is lit with blue and green spotlights.

Thank You!

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Free Resources Tab at
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until Nov 14, 2020
