

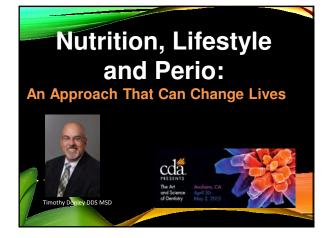
CE Course Handout

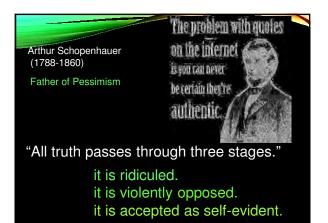
Better Perio Outcomes through Host Modulation and Nutrition

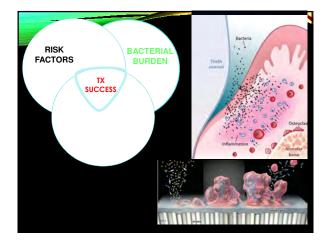
Thursday, June 18, 2015 2:30pm-5:30pm



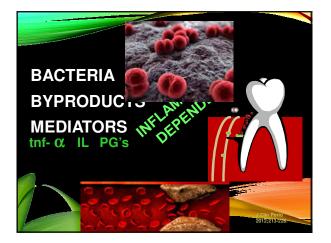






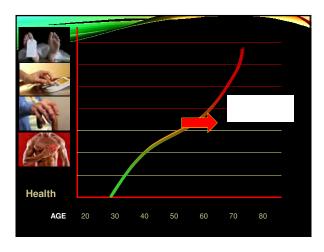


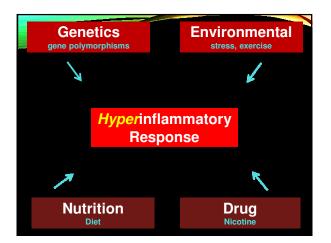


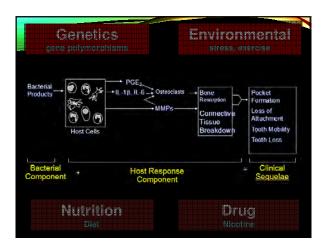


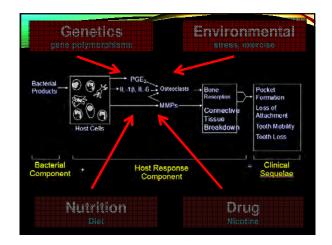


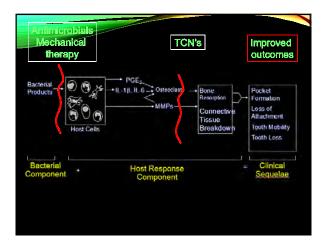




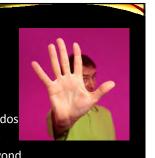












Perio destruction is inflammatory based.

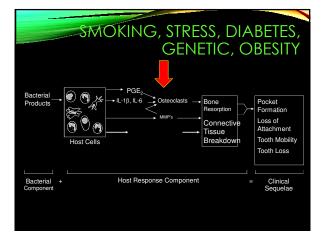
HOTS

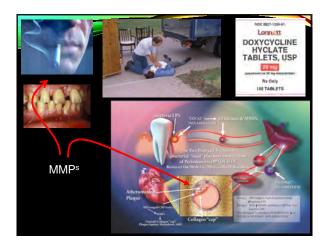
Oral inflammation has serious systemic effects.

 \downarrow in inflammation by sub-dos doxycycline is undeniable.

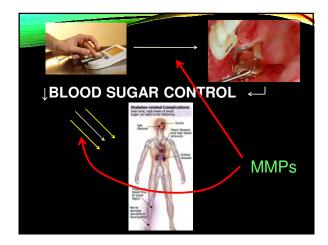
Improvement in perio beyond SRP is undeniable.

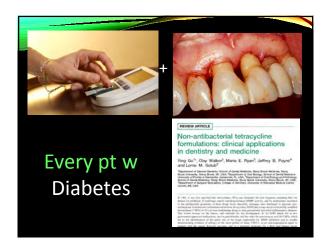
There is virtually no risk













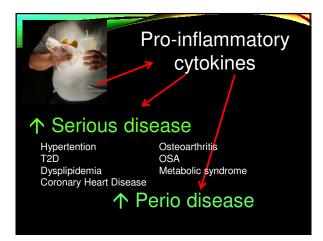


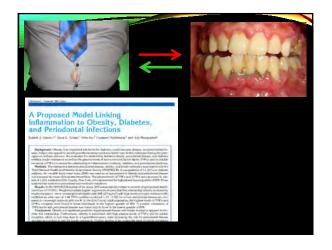










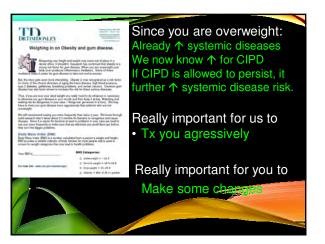






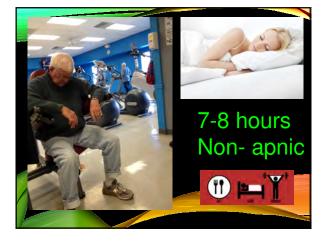
"Since obesity is acknowledged as a multiplerisk-factor syndrome for overall and oral health, risk assessment in the dental office should include the evaluation of body mass index on a regular basis." NIH 2012

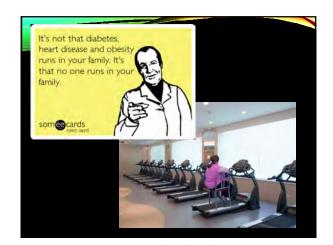




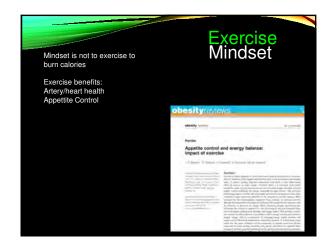






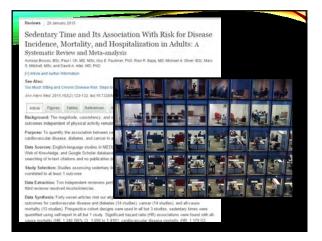


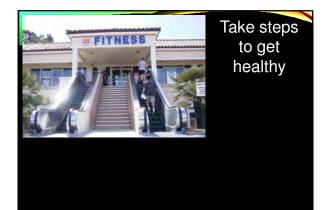














One-quarter of what you eat keeps you alive. The other three-quarters keeps your doctor alive.

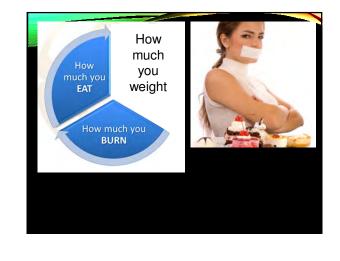
Nutrition PerioRecommendations

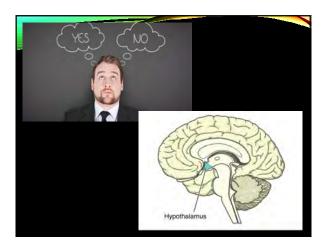


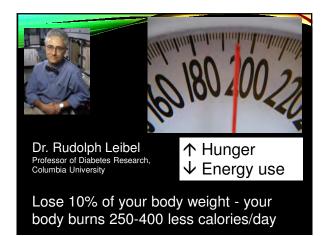
Dieting can delps CtRDork (and we know why)

"CR dampens the inflammatory response and reduces active periodontal breakdown."





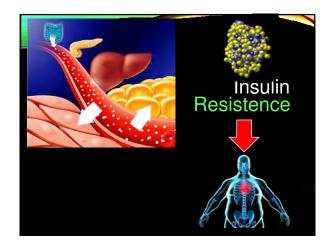


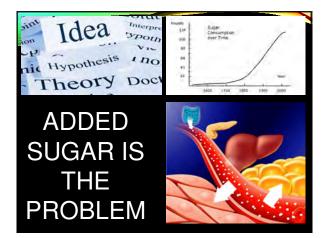




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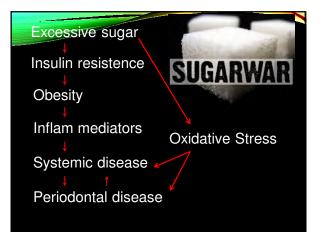




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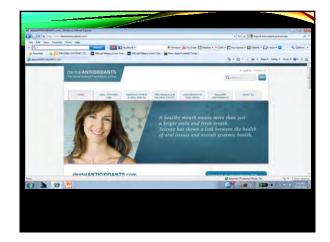


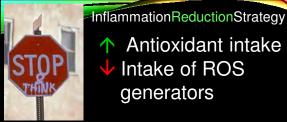


InflammationReductionStrategy
Antioxidant intake

"...boosting antioxidant intake has measurable adjunctive therapeutic benefits"



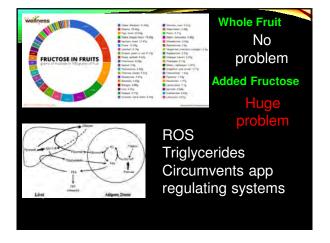




Antioxidant intake Intake of ROS generators

Where is the added sugar coming from?



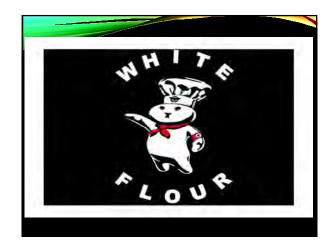


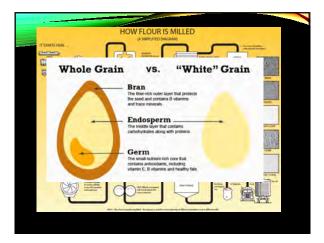














White flour <mark>bad</mark> Whole grain good









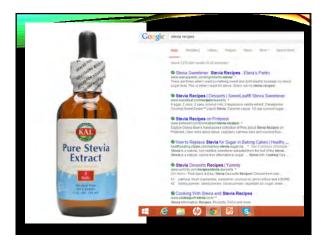
Healthy alternative?



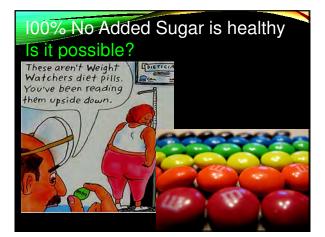














DietaryInterventions

- Carbohydrates 1. Boost antioxidant intake Fats Flavonoids
 - 2. Reduced processed sugar
 - 3. Use pure stevia
 - 4. Cut out processed flour







Good Fats		Bad Fats	
Monounsaturated	Polyunsaturated	Saturated	Trans
~	~	~	\sim
Foods high in monounsaturated	Foods high in polyunsaturated	Foods high in saturated fat	Foods high in trans fat
fat	fat Most vegetable and seed oils (sunflower, soybean, com, cottonseed) Polyunsaturated margarine spreads	Fatty meats	Biscuits
Canola ol		Chicken skin	Cakes
Olive oil		Butter	Pastries
Olives		Gream	Doughnuts
Monounsaturated margarine spreads		Full cream milk	
Avocado	Linseeds	Cheese	
Most nuts	Some nuts (walnuts, brazi nuts, pecans, pine nuts)	Ice cream	
(almonds, peanuts, cashews, haælnuts, macadamias, pistachios)		Lard	
	Wheatgerm	Coconut oil (copha)	
Egg yok	Oily fish and fish oils	Palm oil	
1000 C		chocolate	
		Deep fried foods	
		Takeaway and fast foods	

