

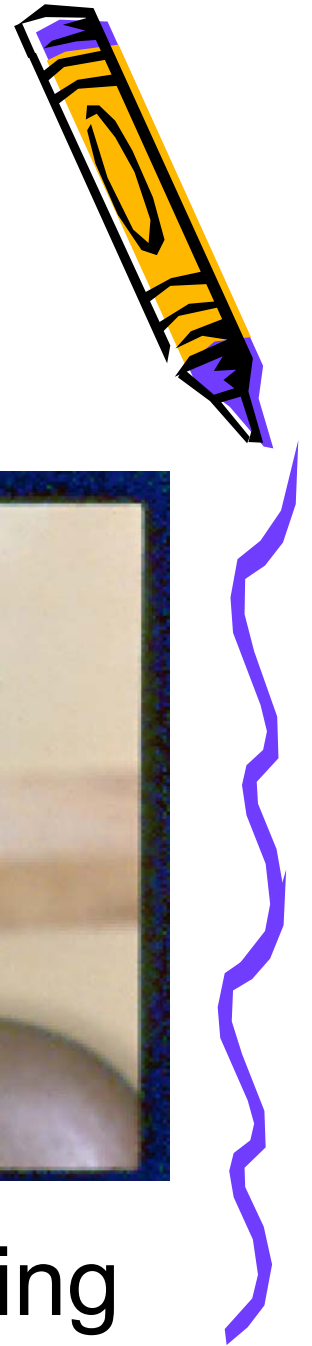
I. PowerPoint Presentation



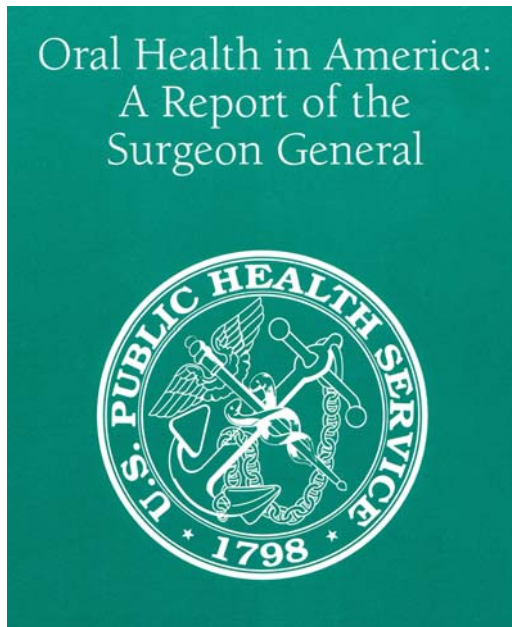
The Silent Epidemic



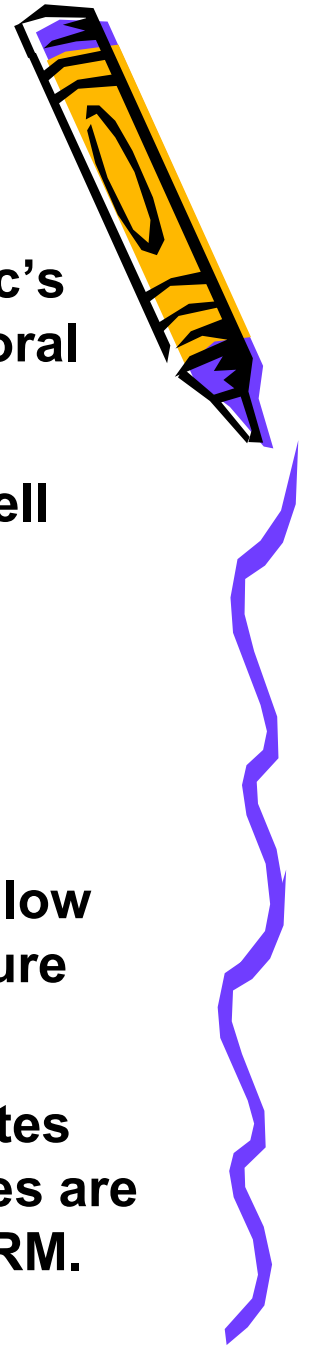
Numb, Silent and **NOT** Smiling



Surgeon General's Report



- **Knowledge is lacking in the public's understanding of how important oral health is to general well being.**
- **Oral disease affects health and well being throughout a lifespan.**
- **Oral disease restricts activities in school, work and at home.**
- **Oral disease is associated with diabetes, heart and lung disease, low birth weights, stroke and premature births.**
- **The Surgeon General's report states that effective prevention measures are available that can reduce this HARM.**



The Harm



California's children have twice as much tooth decay as the national average.

More than 52 million school hours are lost due to dental pain and suffering.

The most common chronic disease in children in the US is dental disease.

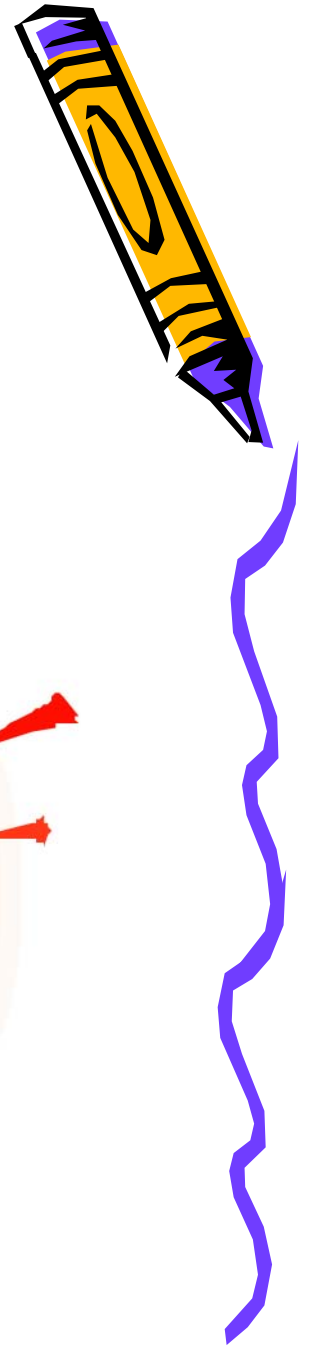
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Urgent need

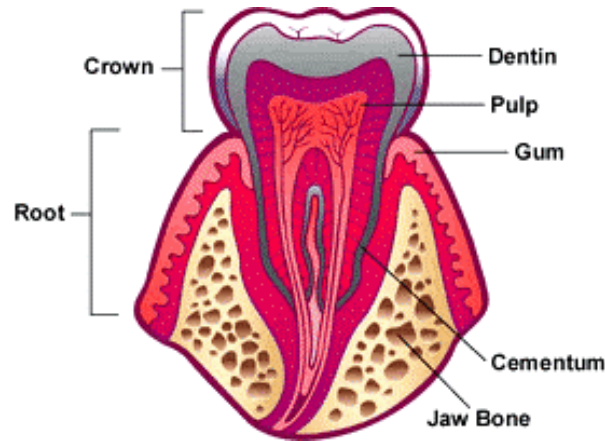
Pain in the mouth is serious and needs immediate care.

Children who have pain are experiencing a disadvantage they do not understand, but certainly feel.

The effects are measured both physically and emotionally.

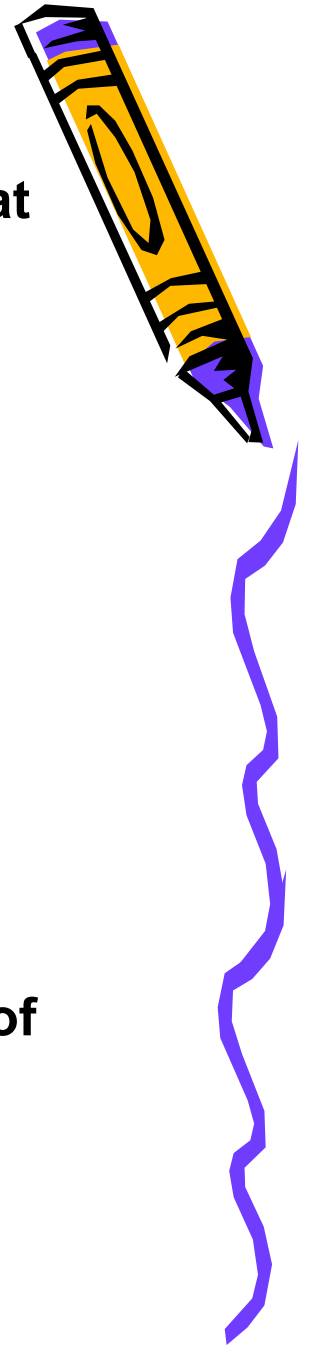


The Teeth



The primary teeth enable infants to eat solid foods, aid speech development, and serve as placeholders for the permanent teeth.

Keeping primary teeth healthy preserves the dimensions of the dental arches and lessening the risk of dental caries in the permanent teeth.



Social Handicap



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Many individuals experience pain, financial and social costs due to poor oral health that diminish their quality of life.

Untreated oral problems are a source of sleep deprivation, depression and multiple adverse psychosocial outcomes

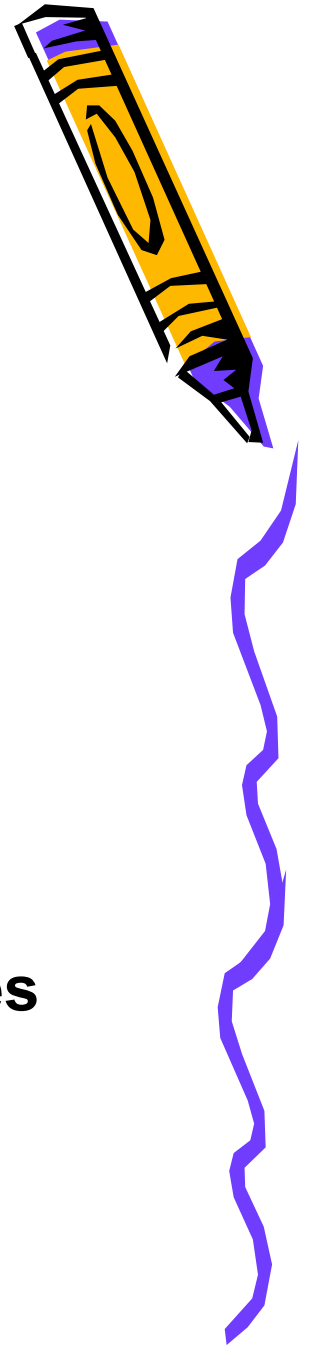
The Disadvantage

When a child's mouth hurts, they are disabled and disadvantaged.

They have difficulty

- **learning**
- **eating**
- **speaking**
- **and have less social contact.**

Dental caries in young children is 5 times more common than asthma and 7 times more common than hay fever.



Your Mouth

These tissues are the very essence of our humanity.

They allow us to:

Speak

Smile

Sigh

Kiss

Smell

Taste

Touch

Chew

Swallow

Cry out in pain

Convey a world of feeling and emotions.



The Essence of Health



First Line of Defense

The salivary glands are part of the mainline defense against pathogens, irritants and toxins. This includes guarding against dental caries.

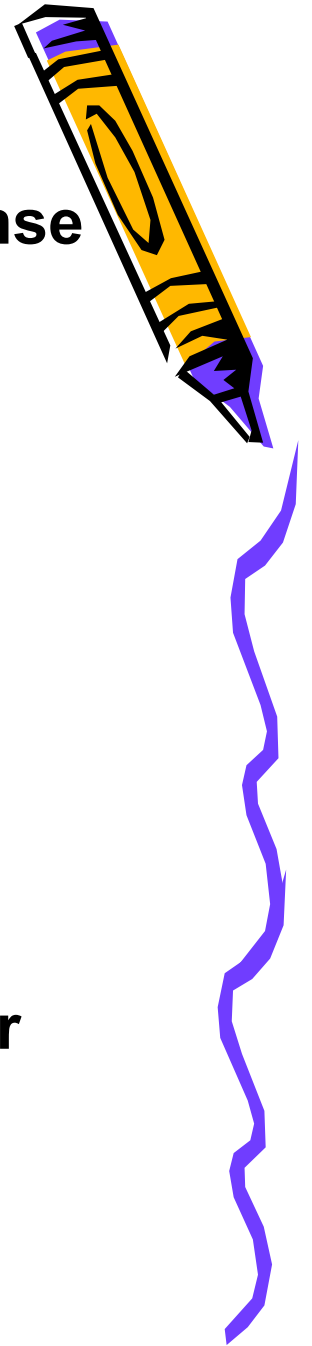
The oral mucosa combined with the areas of the mucosal linings and passageways of the respiratory, gastrointestinal, urinary and genital tracts is 200 times larger than the total skin area.

This is a major component of the body's immune system.

The great majority of infectious diseases affect or are acquired through mucosal surfaces.

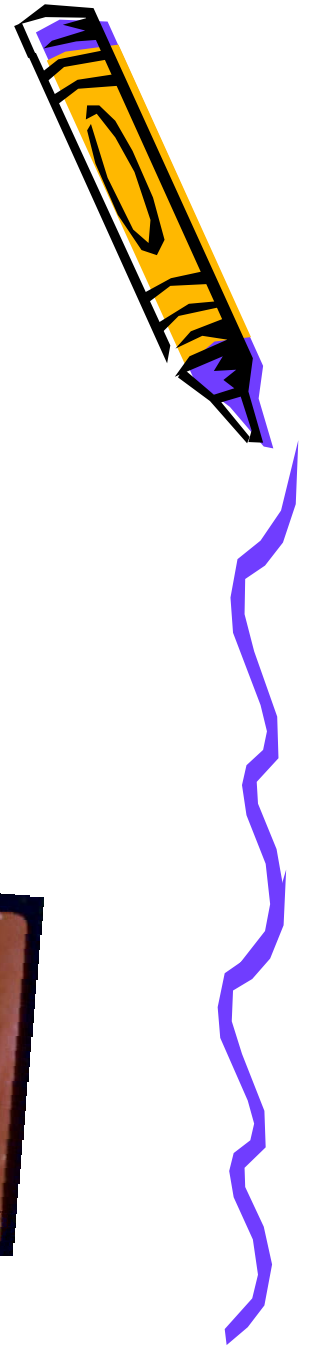


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Cavities

Of all oral diseases, the easiest to prevent are cavities.



Cavities are Contagious



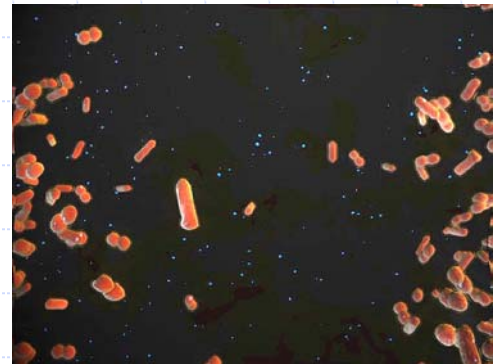
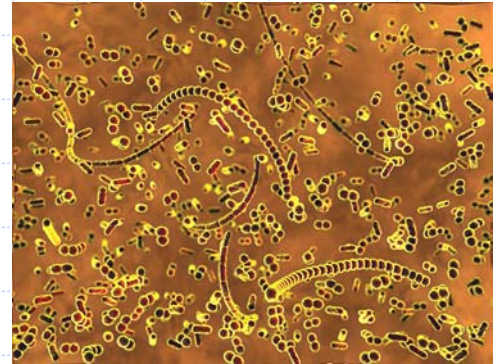
**Cavities are caused
by bacterial infection.**

**They are transmitted
from caregiver to
child.**

Bacteria in the mouth is affected by food.

**High amounts of carbohydrates and sugars
encourage bacteria to become more acidic.**

More acid means more decay and infection.



The Remedy

There are some easy steps in preventing the bacteria from causing disease and harm in the mouth.

Starch
Sugar
Bacteria

Brushing
Dentist
Fluoride

Balance

Starch
Sugar
Bacteria
Balance



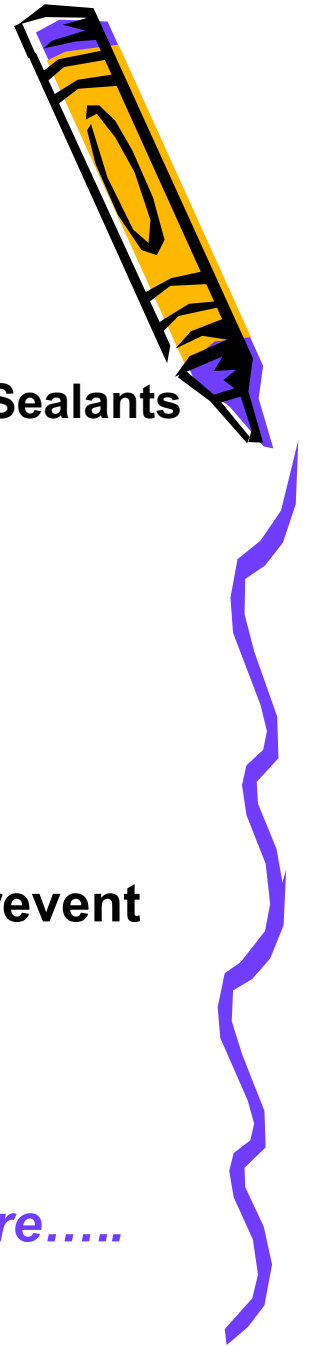
Public Health Prevention

Tertiary:	Xylitol, Chlorohexidreine, Fluoride, Cleaning and Sealants
Secondary:	Screening, Strep Testing
Primary:	Education with materials in workshops, classrooms, one-on-one and in the community

The easiest, least expensive and most effective way to prevent disease is to focus on primary prevention.



An ounce of prevention is worth a pound of cure.....



Overall Health

**“Oral health
is a critical
component of
health and....**



**...must be included in
the provision of health
care and the design of
community programs”**

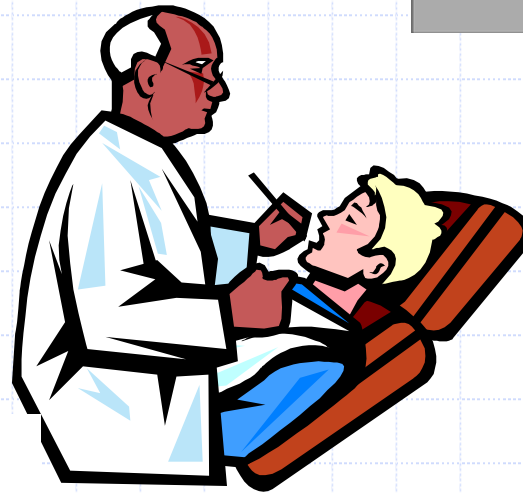
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The Mandate

“Safe and effective disease prevention measures exist that everyone can adopt to improve oral health and prevent disease.”

“..more needs to be done to ensure that messages of health promotion and disease prevention are brought home to all Americans.”

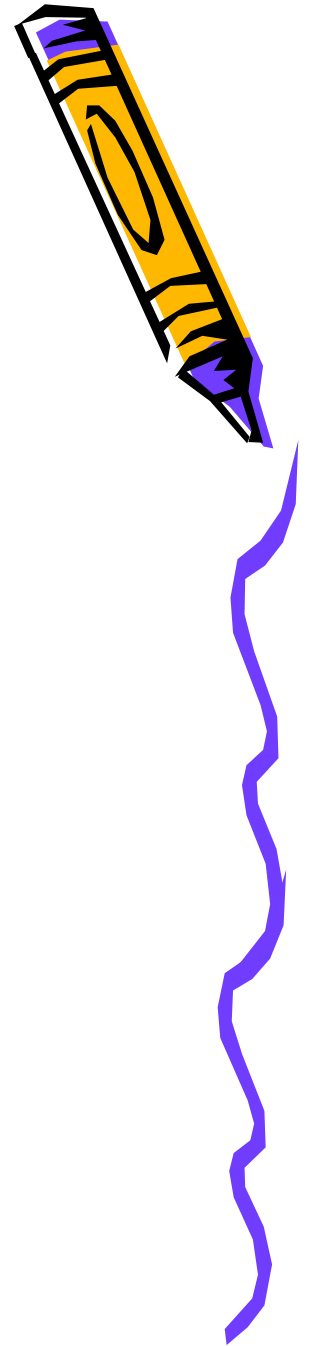
The Challenge



**Community
Collaboration**

Partnerships

- Outreach through the medical provider network
- Outreach with healthcare providers
- Outreach with Certified Application Assistors
- Outreach with community based organizations
- Outreach with publicly funded institutions
- Outreach with general community



The Benefit

Improved access, knowledge and outcomes

A recent study in California showed a 300% increase in the number of first dental visits , over a four month period. This study credits:

- ***the use of the educational model described in this presentation and subsequent workshop***
- ***the increase in providers serving families' dental needs***

as the main reasons why this large increase in dental services provided took place.



San Luis Obispo Department of Health Services



The Charge

“...create
health
rather than
restoring
health...”

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