

## If you build it will they come.....? Encouraging preventive dental care among people living with HIV or other chronic illnesses

- ▶ Presentation to the NOHC
  - ▶ April 13, 2011
  - ▶ Helene Bednarsh - BPHC
  - ▶ Carol Tobias - BUSPH
- ▶ Amanda McCluskey- HIV Alliance

## Special Projects of National Significance: The Oral Health Initiative

- ▶ Funding through HRSA/HAB for a five year period to create programs that increase access to care, reduce disparities and are:
  - Replicable
  - Sustainable
  - Innovative

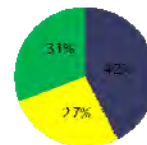
## Oral Health SPNS Initiative

- ▶ HRSA demonstration to increase access to HIV oral health care, 2006-2011
- ▶ 7 urban sites, 8 non-urban sites
- ▶ >2400 HIV+ individuals enrolled in study
- ▶ None had received dental care in >12 months except for emergency care
  - 64% reported the health of their gums and teeth = fair to poor
  - 25% said their overall health is fair to poor

## Length of time without dental care

On average, 2.6  
years since  
the last dental

Years without care



■ <2 years ■ 2-5 years ■ >5 years

## And what brings you here today?

- ▶ 39% said just a cleaning or a check-up
- ▶ 55% said an oral health problem:
  - Teeth filled or replaced = 26%
  - Relief of pain = 20%
  - Teeth pulled = 12%
  - Gum treatment = 8%
  - Denture work = 8%
  - Orthodontic work = 7%

## Barriers to Care

48% said they encountered a barrier to dental care since testing positive\*

Financial - no insurance or could not pay - 59%	Real or perceived stigma/discrimination - 12%	Could not find or get care = 11%	Fear or worry about dentist = 6%	Not important/other things to do - 6%
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\*52% said they never had a problem getting care, even though out of care at least 1 year

# HIV and Oral Health

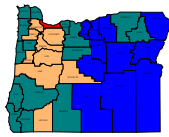
Patient Education Materials

## HIV Alliance



- ▶ Community based nonprofit organization
  - Ryan White Case Management
    - 8 Counties in Oregon
    - HIV Medical Care Coordination Model
  - Prevention & Education in Lane Co
- ▶ Addition of Dental Program September 2006

## Program Model (Serves 18 counties)



- ▶ Lane Community College
  - Primary Clinic site – Dental Hygiene and Assisting Programs
- ▶ Community Health Centers of Lane County
  - Federally Qualified Health Center (Tort Protection)
- ▶ Satellite Clinics
  - Linn Benton Community College
  - Central Oregon Community College
  - Rogue Community College

## Why three videos?

- ▶ Found clients were still coming back with decay after many appointments
- ▶ Decided to create an educational video to reach clients in a unique format
- ▶ Also wanted to reach other providers to reinforce the message, the importance of oral health
- ▶ Other videos are for HIV case managers and other clinicians in the community

## Educational Video: People Living with HIV

- ▶ Client Video
  - ADA recommended home care
  - What to expect in the clinic
  - Common oral manifestations of HIV
- ▶ Behavior Change study
  - Clients watched video in a variety of settings
  - Pre and Post Questionnaire
  - 2 week follow up
  - Increases in positive behavior and knowledge

## Educational Video: HIV Case Managers

- ▶ Case Manager Video
  - Talking with clients about oral health
  - ADA recommended home care
  - Common oral manifestations of HIV
  - Significance of lab values in the dental setting
- ▶ Case Manager Training
  - Provided Educational Materials
  - Program Overview
  - Educational Videos
  - Clinical Procedures
  - Denture 101
  - Q & A with clinic dentist

## Educational Video: Clinicians

- ▶ Clinician Trainings
  - Host annual trainings at LCC for students and local professionals
  - CEUs offered through the Northwest AIDS Education and Training Center (AETC)
- ▶ Clinician Video
  - Working with HIV Case Managers
  - Common oral manifestations of HIV
  - Standard precautions and HIV
  - Significance of lab values in the dental setting

## Video Clip

## Community Health Worker/Peer Training Model

- ▶ Methods
  - Icebreaker
  - Lecture, Power points
  - Video
  - Hands-on demonstration
  - Small group activity
  - Games
- ▶ Pilot-tested and revised at 4 sites (OR, NC, PA, TX)
- ▶ Now being adapted for dental clinicians

## Training Content

- ▶ Review information on:
  - HIV life cycle and medications
  - Oral hygiene
  - Oral manifestations of HIV
- ▶ Use scenarios work with participants on communication and situational skills
- ▶ Play a jeopardy game to review all the materials covered

**ECHO**  
Evaluation Center for HIV & Oral Health



**Icebreaker**  
**Interesting oral facts...**

Evaluation Center for HIV and Oral Health  
Boston University School of Public Health

**What do Chocolate and Oral Sex  
have to do with one another?**

Let's meet the Milkman...

### Why Smile???

People who have healthy teeth are more likely to want to smile and here are some of the benefits of smiling proven through various studies:

- Can put you in a better mood
- Helps to relieve stress
- Boosts your immune system
- Releases endorphins "feel good" chemicals
- Makes you look younger
- Helps you stay positive
- Makes you seem successful

### Friendly or Not???



### Approachable?



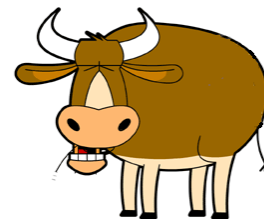
### How about now?



### No thanks!



Cows don't have upper front teeth, but they can help you protect your teeth from cavities.



Dairy products such as cheese contain calcium, proteins, and fats that protect against acids.

In 1994 a prison inmate in West Virginia braided floss into a rope, scaled the wall and escaped.



Don't enjoy going to the dentist?  
It could be a lot worse...



Fun dental fact

Fun dental fact

During the Middle Ages in Germany, you would have been advised to kiss a donkey in order to relieve your toothache.

More than 300 types of bacteria make up dental plaque.

Oral Health Fact



So unless you want these guys partying hard in your mouth, brush and floss daily.

ECHO  
Evaluation Center for HIV & Oral Health



## HIV Oral Health Review

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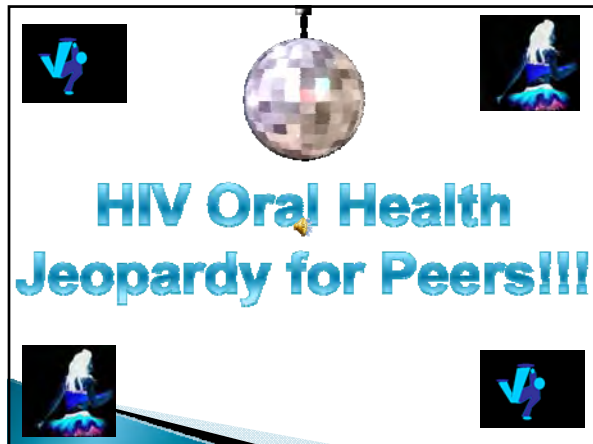
## Why do oral complications occur?

- ▶ Changes in your immune system
- ▶ From the drugs used to treat HIV
- ▶ Same as everyone else – poor oral hygiene, smoking, aging



## Topics covered – all on CD

- ▶ Oral hygiene – with video demonstration
- ▶ Demineralization
- ▶ Re-mineralization
- ▶ Important tooth structures
- ▶ Infections in the mouth
- ▶ Why is saliva important?
- ▶ What is xerostomia
- ▶ Oral manifestations of HIV disease
- ▶ Why go to the dentist?



## Adapting for other patients

- ▶ Materials Designed for PLWHA
- ▶ What adaptations would you make for people with medically complex conditions such as:
  - Diabetes?
  - Cardiovascular disease?
  - COPD?
  - Strokes?
- ▶ What about routine dental patients?