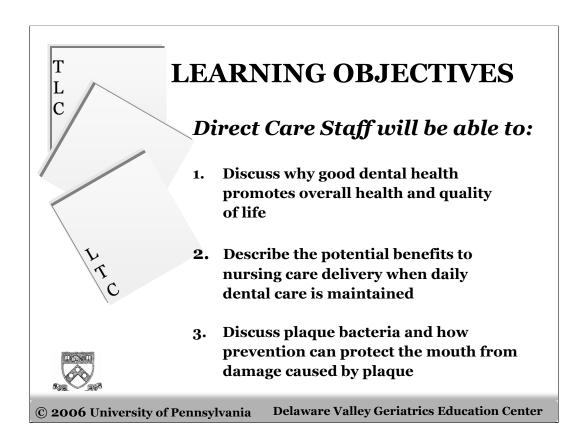


Providing Dental Care for Older Adults in Long Term Care

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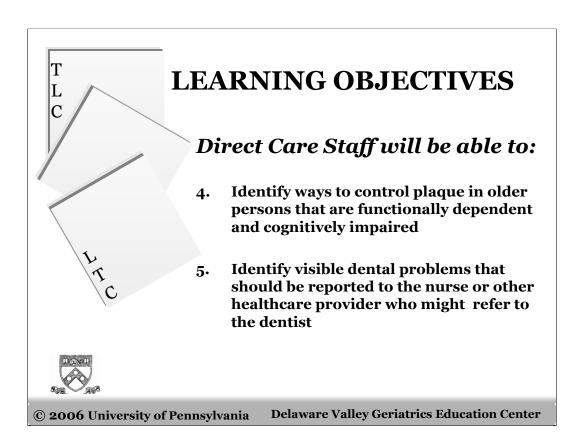
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This presentation is designed to educate non-dental health care providers, particularly direct care staff in the provision of mouth care for older persons residing in long-term care facilities.

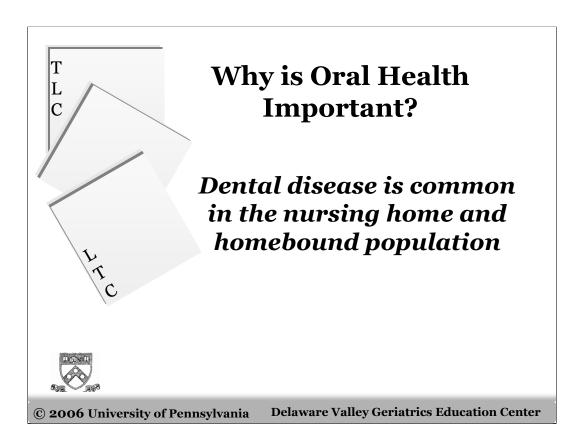
The module has the following learning objectives:

- •Discuss why good dental health promotes overall health and quality of life
- •Describe the potential benefits to nursing care delivery when daily dental care is maintained
- •Discuss plaque bacteria and how prevention can protect the mouth from damage caused by plaque

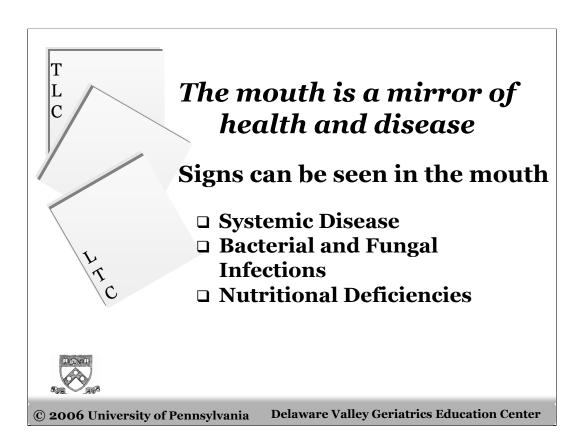


Other learning objectives include:

- •Identify ways to control plaque in older persons that are functionally dependent and cognitively impaired
- •Identify visible dental problems that should be reported to the nurse or other healthcare provider who might refer to the dentist



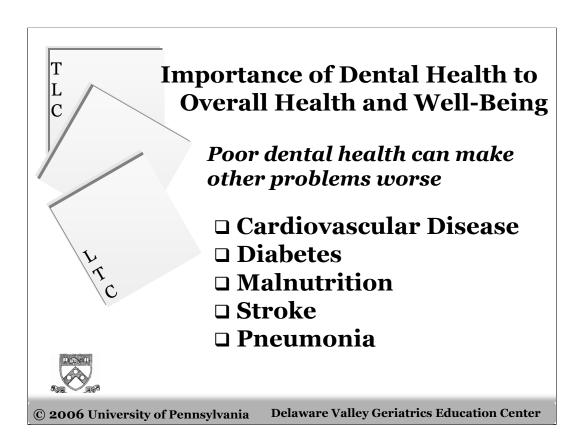
- •Dental health is important because dental disease and mouth problems are common in the nursing home and homebound population.
- •You have probably noticed that many of the persons you care for have problems with their mouths.



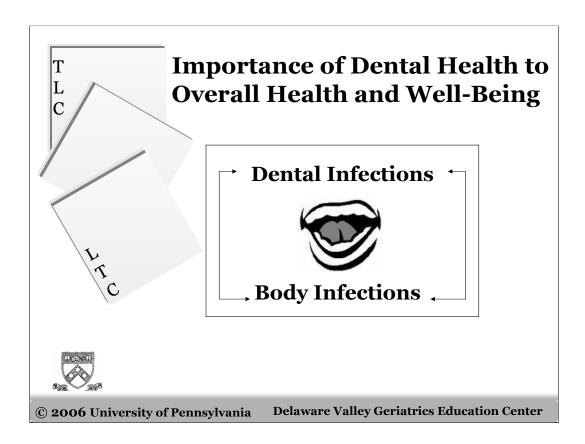
The mouth has been called a mirror of health and disease because there you find:

- •signs of systemic diseases,
- •microbial infections, and
- •nutritional deficiencies.

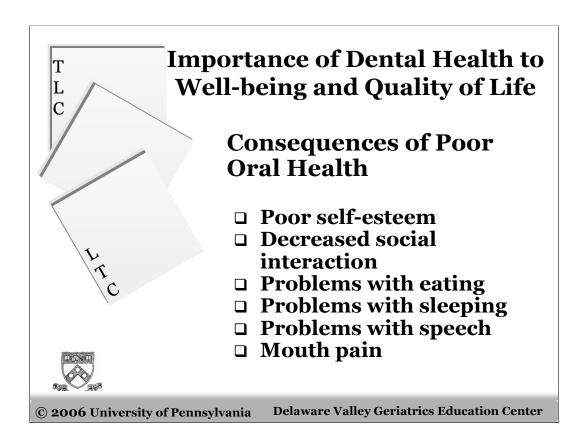
All can be seen in the mouth.



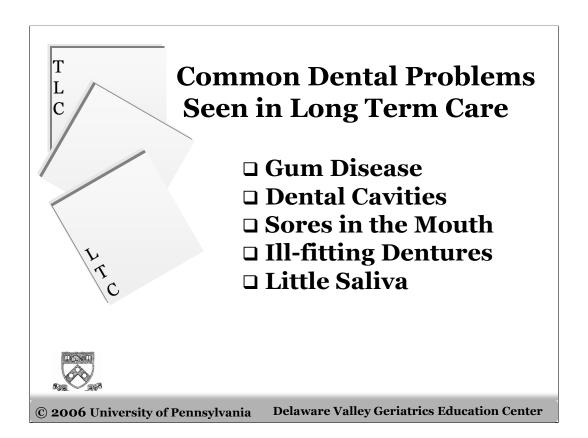
- •Oral health and general health should not be thought of as being separate.
- •Cardiovascular disease, diabetes, malnutrition, stroke and pneumonia are common conditions in many of the patients you care for. Poor oral health can make these medical problems worse because of the increased bacteria in the mouth that spread to other systems of the body.



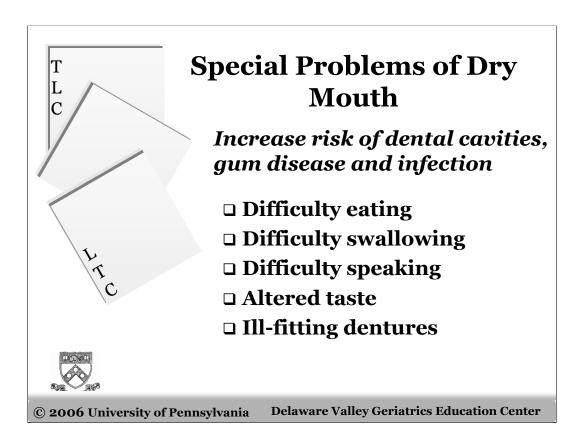
- •Infections in the mouth can lead to infections in other parts of the body.
- •Because of their compromised medical health, older adults in long term care are more at risk for infections.
- •Good oral health is important and contributes to keeping older persons as healthy as possible.



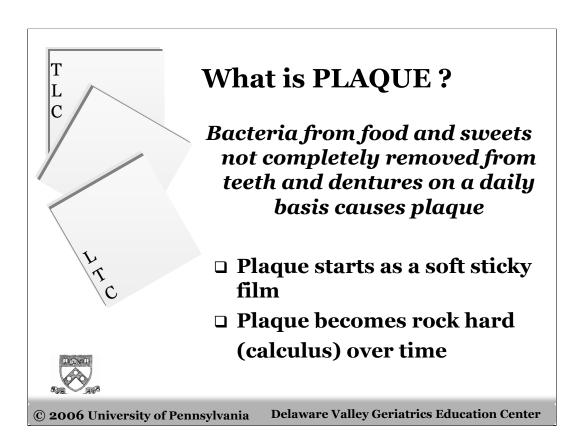
- •Dental health is not only related to physical health, but also oral health is related to well-being and quality of life.
- •The consequences of poor oral health can drastically alter the way a person acts and how a person lives.
- •Imagine a person with ugly appearing teeth or dentures. They may not feel good about the way they look and feel people want to avoid them. They don't want to smile or interact with others and have poor self-esteem.
- •Imagine a person with dental pain and not being able to eat or sleep.



- •The most common mouth problems are gum disease, dental cavities, sores in the mouth, bad fitting dentures, and little saliva.
- •Let's talk a little more about dry mouth because many of the persons you care for may have this problem.

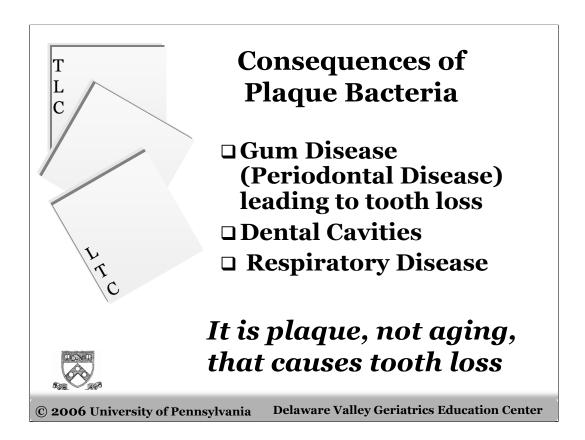


- •Dry mouth or xerostomia is not a normal part of aging.
- •Many common medications reduce the production of saliva.
- •Many of the persons you care for are taking many of these medications and will suffer from dry mouth.
- •Dry mouth can increased risk of dental cavities, gum disease and infection.
- •Dry mouth can also make it hard to eat, swallow, taste, speak, and cause dentures not to fit properly.
- If a person you care for complains of dry mouth offer him or her water periodically throughout the day. Some people benefit from sucking hard sugarless candy. The dentist may prescribe an artificial saliva.

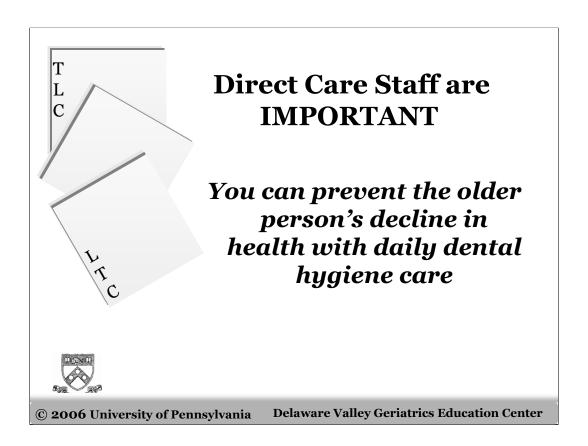


Plague is the most common and serious dental health issue.

- •Plaque starts as a soft and sticky film of bacteria from food and sweets that forms on teeth and dentures.
- •This hardened plaque is called calculus and holds bacteria in the mouth and causes damage to the gums and damage to the bone that supports the teeth.

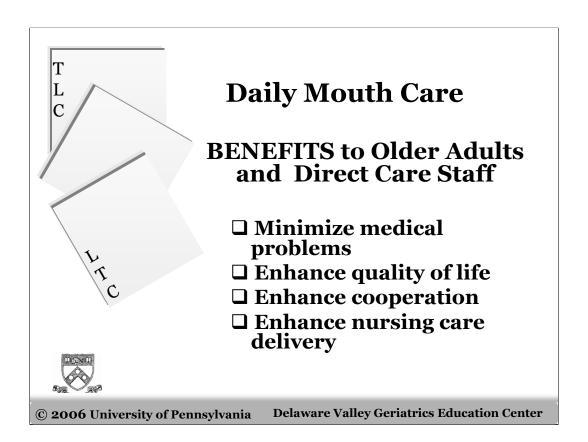


- •Tooth loss does not have to happen just because a person is older.
- •Plaque bacteria causes gum disease or periodontal disease which is an infection in the mouth. Gum disease must be treated or it leads to loss of jawbone and loose teeth.
- •Plaque bacteria is also the cause of dental caries and if untreated can lead to abscesses and oral pain.
- •Plaque in the mouth can also be inhaled into the respiratory system and cause serious consequences especially among medically high-risk residents.
- •Plaque needs to be completely cleaned away on a daily basis to prevent destruction of oral tissues.

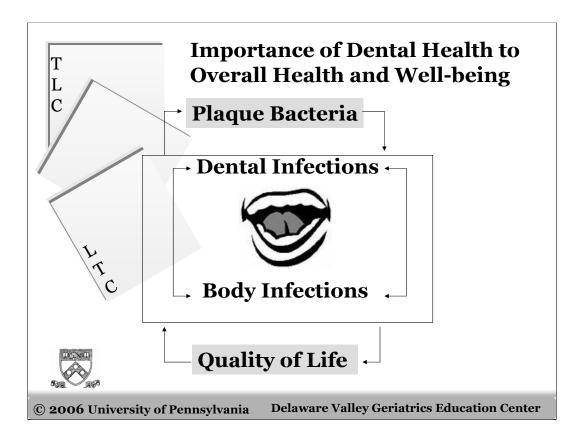


When direct care staff reinforce daily mouth care it can make a big difference in reducing the older person's risk of developing dental disease and oral pain.

Dental disease is preventable with proper oral hygiene care.

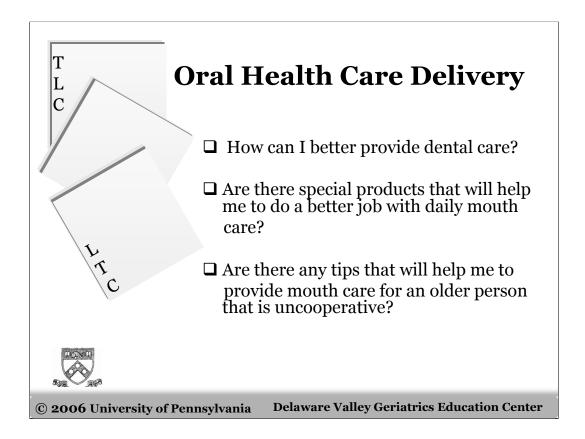


- •Daily mouth care benefits older adults in long-term care by minimizing medical problems and improving quality of life.
- •Also, older adults whose mouth is free of disease and pain may be more cooperative which may help nursing staff to provide more efficient care.
- •More detail will be given later on regarding ways to thoroughly remove plaque.



This picture summarizes the major points that have been discussed so far.

- •Dental health and body health work together.
- •The bacteria from plaque is the cause of gum disease and loose teeth, not old age.
- •Infections in the mouth can lead to infections in other parts of the body.
- •The consequences of poor oral health can negatively affect a persons quality of life.



You want to provide the best to the older persons you care for. Maybe you have questions like these regarding providing appropriate mouth care:

How can I provide better mouth care when I have many other things to do?

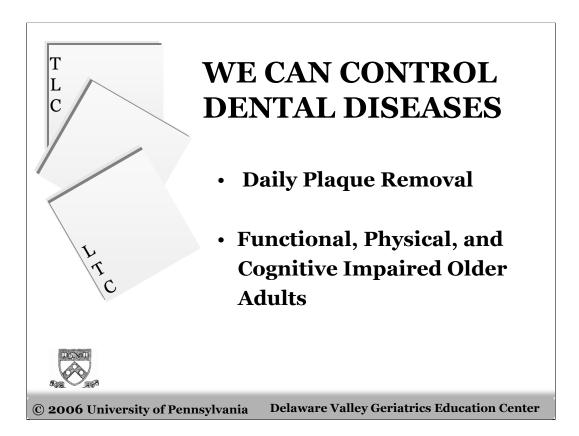
• Think of the mouth as just one of the many parts of the body to be kept clean

Are their special tips that can make older persons' teeth and dentures easier for me to clean?

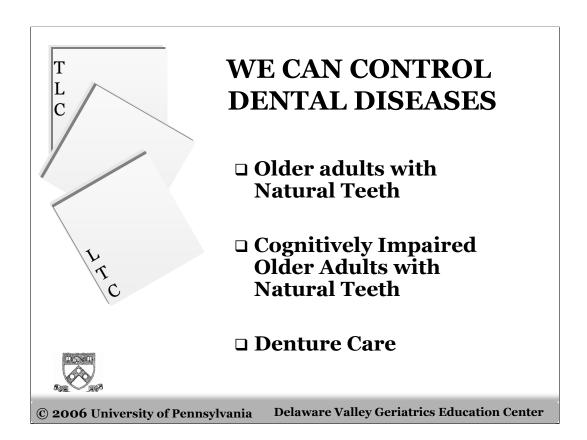
- •Many older persons have arthritis and cannot properly grip a toothbrush. There are dental supplies that can help. This will be discussed in detail later in the presentation.
- •You might be more enthusiastic about doing daily mouth care if you knew about different products that will make providing dental care easier. These products will be reviewed later in the module.

What about mouth care on an older person who resists care?

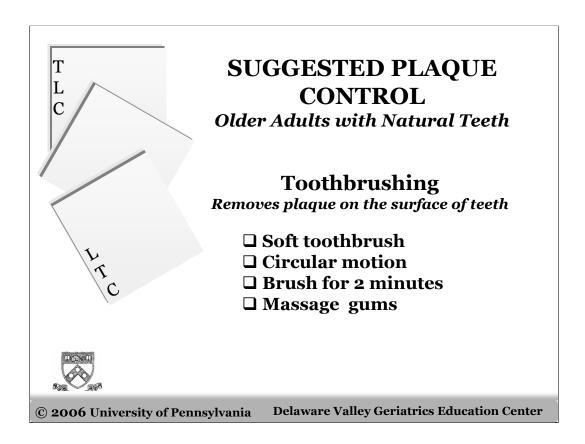
• As you know, this is difficult to do at times. You may not always be able to completely clean as well as you may like. Daily removal of plaque is still better than no cleaning. Later we will discuss products and techniques for care of these persons.



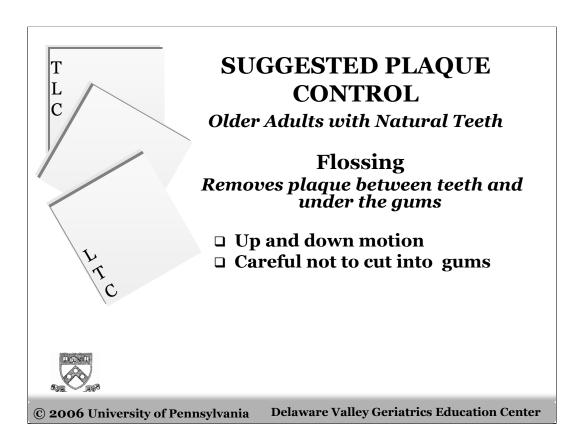
- •Dental diseases are preventable with daily plaque control.
- •Declines in dental health can be avoided with good regular daily mouth care.
- •The presentation will show you ways to do better dental care when you have older persons with a variety of functional, physical and cognitive impairments.
- •First we will talk about older adults with natural teeth.



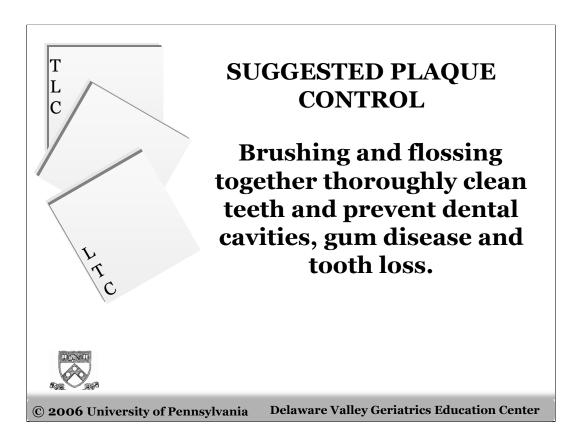
- •The remainder of the presentation should answer many of your questions regarding providing mouth care to older persons.
- •First, we will talk about how to do daily mouth care on older adults with that have all or some of their natural teeth.
- •Next we will talk about how to do daily mouth care on older adults that are cognitively impaired and we will conclude with how to do daily mouth care on older adults that have dentures or partial dentures.



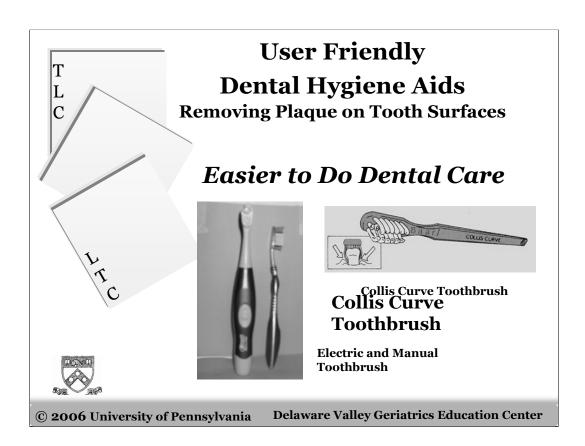
- •Tooth brushing removes plaque on the surface of teeth.
- •You should use a toothbrush with soft bristles. This protects the enamel on the teeth from wearing away and the gums from being damaged while brushing.
- •Never use a toothbrush with medium or hard bristles.
- •Using small circular movements and gently massage gums as you scrub the teeth.
- •Brush for approximately two minutes.



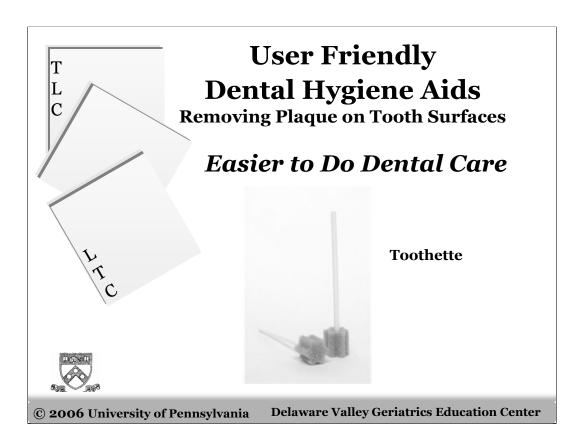
- •Flossing removes the plaque from between the teeth and under the gums where the toothbrush cannot reach.
- •Wrap floss around index fingers and gently do an up and down motion between teeth, being careful not to cut into gums.
- •Flossing can be difficult to do. There are dental supplies for cleaning between teeth that are easier than wrapping floss around your fingers.



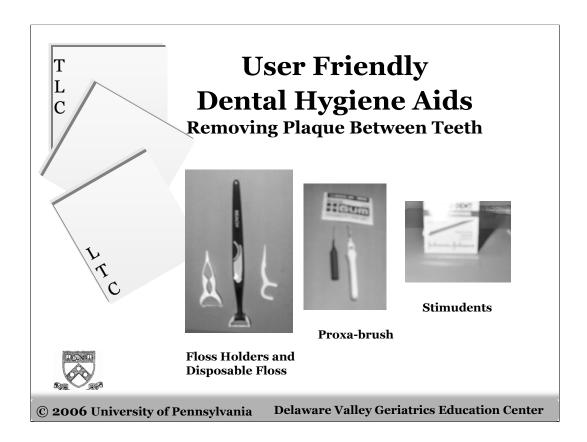
- •Brushing and flossing together thoroughly cleans plaque from teeth.
- •The next slides will show dental supplies that will make cleaning teeth easier.



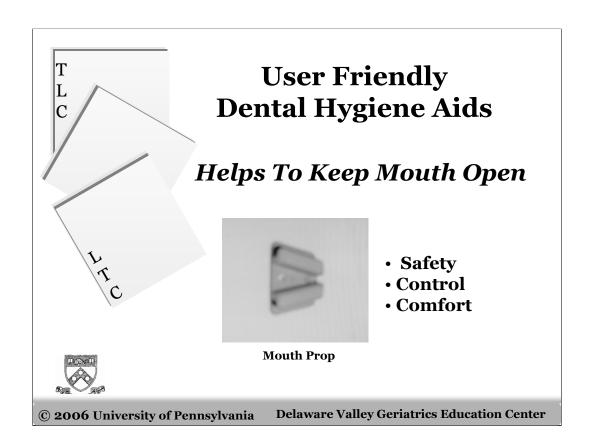
- •Electric toothbrushes have larger handles that can be gripped more easily by persons with physical impairments.
- •Electric toothbrushes are also easier for caregivers to use when cleaning someone else's teeth.
- •The Collis Curve toothbrush is designed with three rows of bristles that can clean the front, back, and top surfaces of teeth at the same time. This brush may be easier for caregivers to use and also for older persons that have limited movement in their fingers and hands.



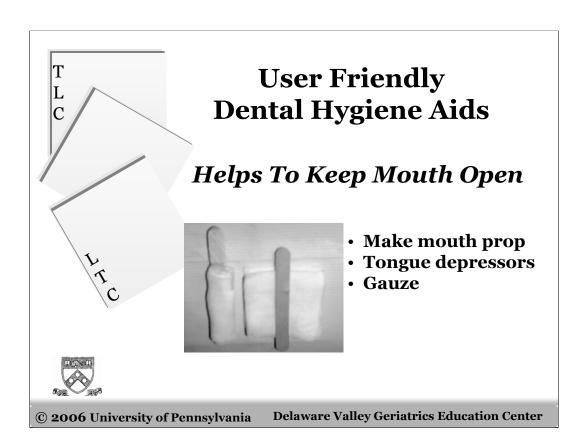
- •A foam stick or Toothette can be a helpful dental aid for controlling plaque among older persons who are severely resistant to mouth care.
- •This is not the most efficient way to clean teeth, but it may be the most beneficial way when brushing and flossing are not possible.
- •The dentist may prescribe a fluoride gel to help prevent developing new cavities. A toothette is a good way to apply the gel to the teeth among persons who will not open their mouth or allow for use of a toothbrush.



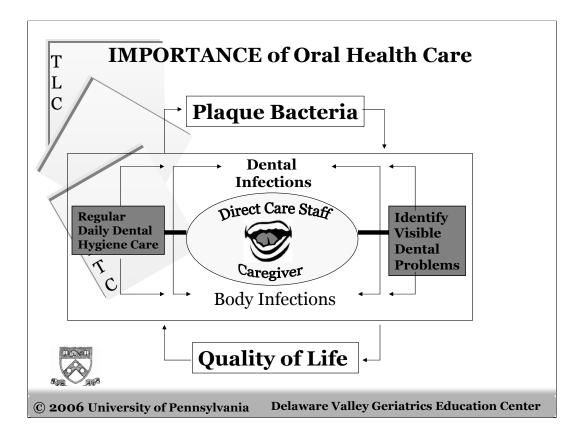
- •Flossing can be difficult to do even for those of us that don't have any physical or cognitive impairments.
- •For more control while using floss try holders that come with long handles. This dental aid can be very helpful for caregivers and among older persons who have dexterity problems.
- •Proxa-brushes are little toothbrushes and come in a variety of sizes. These are especially good when there are spaces between teeth.
- •Some people like to use toothpicks when there is some food caught between their teeth. Stimudents are flat toothpicks that have a blunt point so that the gums are not harmed when cleaning between teeth.



- •The foam mouth prop was designed for caregivers to use to help keep the mouth open among older persons with cognitive impairment.
- •The unique design of the head and handle give greater safety, control, and comfort. The caregiver can adjust how wide to open the mouth.

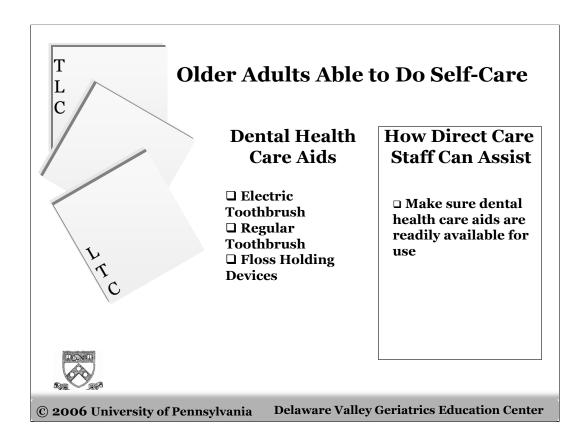


•You can also make a mouth prop by wrapping gauze to a cushion at the end of a tongue depressor.

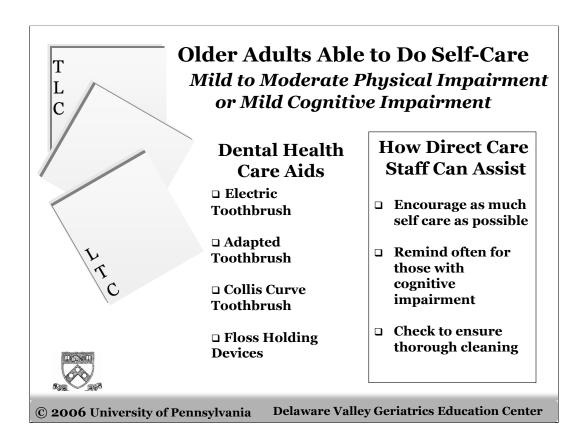


We have been talking about mouth care to control plaque bacteria in older persons with natural teeth.

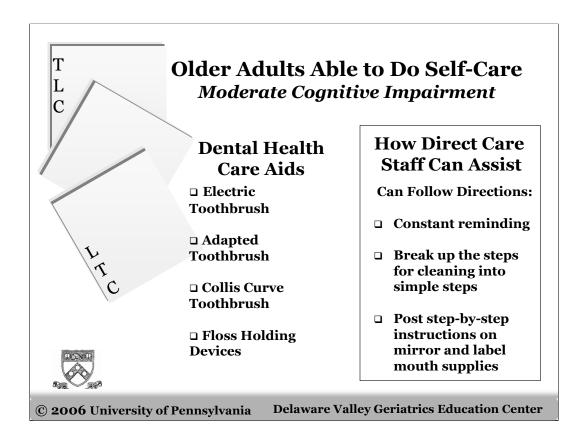
Next we will discuss mouth care in persons with different degrees of physical and cognitive limitations.



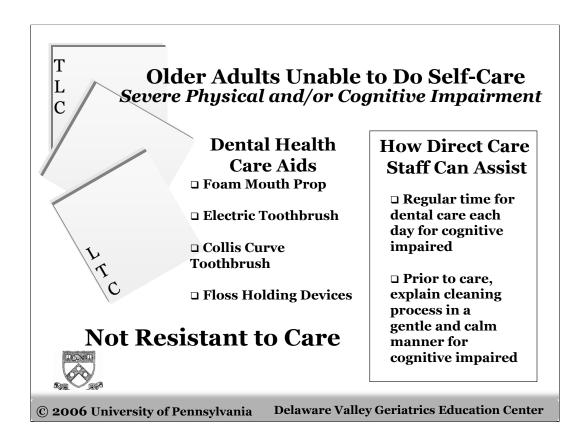
- •These next slides will outline how you can provide better mouth care and promote the health of those you care for.
- •You can assist older adults that can do their own dental care by making sure that dental hygiene supplies are easily available.
- •These persons may want to use an electric toothbrush and floss holding devices for cleaning teeth.



- •For those older adults with mild to moderate physical impairment, such as arthritis, encourage them to do as much of their own mouth care as possible.
- •Modified toothbrushes and floss holding devices can help.
- •For older adults with mild cognitive impairment, occasionally remind them of how to brush. Be prepared to follow up to make sure teeth are clean.

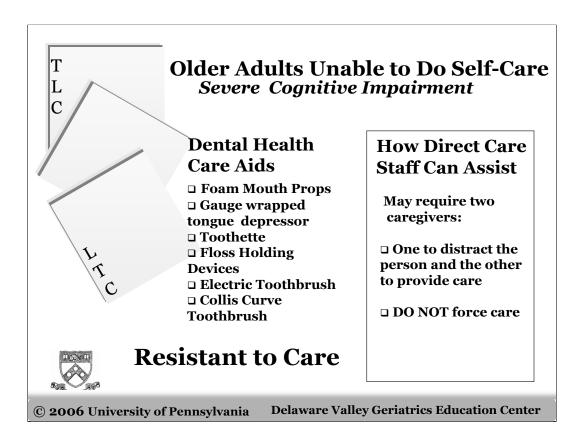


- •Some older adults with moderate cognitive impairment may still be able to follow directions and do their own mouth care.
- •They probably will need ongoing reminders of how to brush.
- •You may have to show them first or guide their hands. It may be helpful to break the cleaning tasks into smaller steps.
- •For a person who can read, write step-by-step instructions on a piece of paper and post it on the bathroom mirror
- •Also label dental health supplies.
- •Modified toothbrushes (e.g. the Collis toothbrush) and floss holding devices may help.

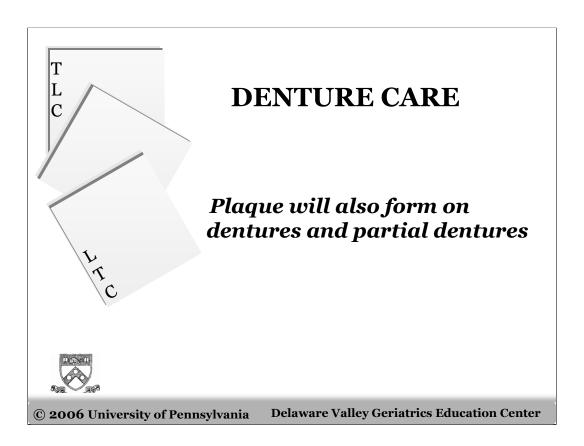


Older adults with severe physical or cognitive impairments lose the ability to clean teeth and dentures.

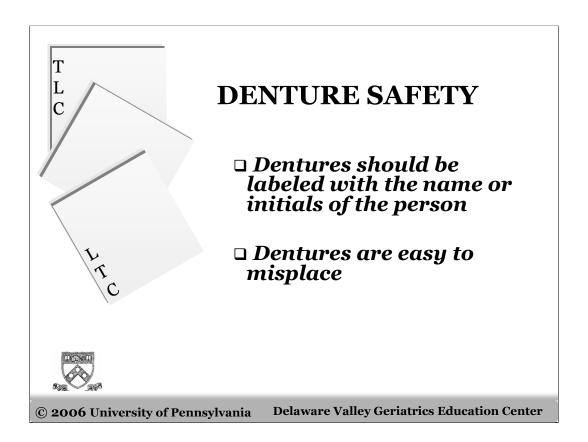
- •For those that are not resistant some suggestions include
 - setting a regular time for mouth care and
 - •prior to cleaning the teeth explain what you are doing in a calm manner.



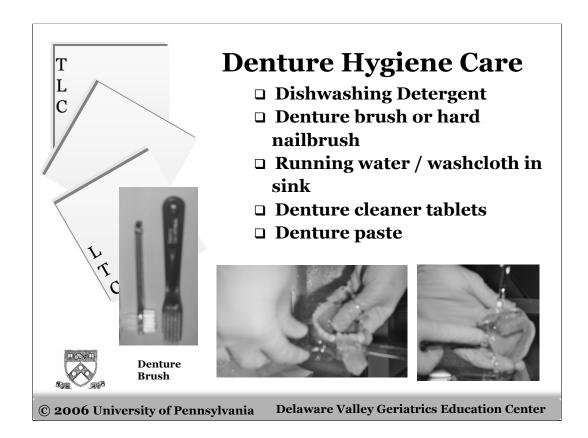
- •Older persons that are resistant to care are the greatest challenge.
- •Two caregivers may be necessary to provide mouth care.
- •One caregiver can try to distract the person by singing, gentle touch, giving the elder something of interest to hold or talking while the other caregiver uses the foam mouth prop to gain entry into the mouth.
- You may have to coach the person through each step of the process similar to show and tell. For example saying "open wide" and then demonstrate with gestures.
- •DO NOT force care. Try again at another time when the older person is not as distressed.
- •The Toothette or foam stick may be the best choice in some cases for plaque removal.
- •Modified toothbrushes, mouth props and floss holding devices are recommended.



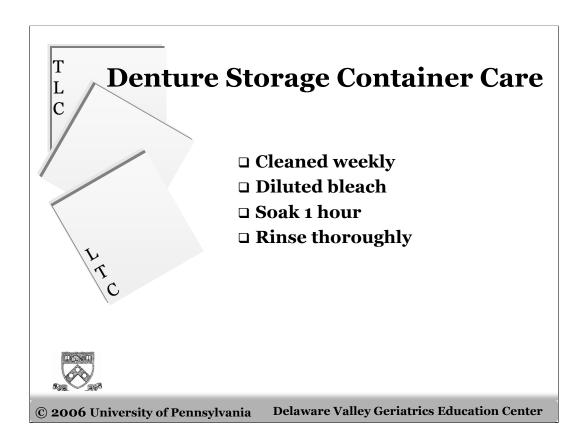
- •Mouth care does not stop just because a person wears dentures.
- •Plaque will also form on dentures and partial dentures.
- •Daily cleaning of dentures is just as important as daily cleaning of natural teeth.



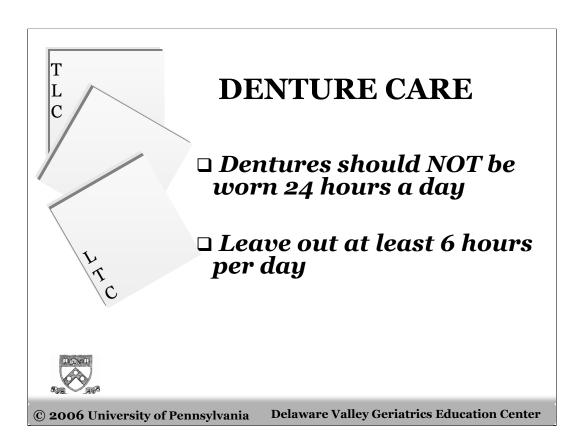
- •Anyone who wears dentures should have the dentures labeled with their name or initials on both the upper and lower denture.
- •It is very easy to misplace dentures.



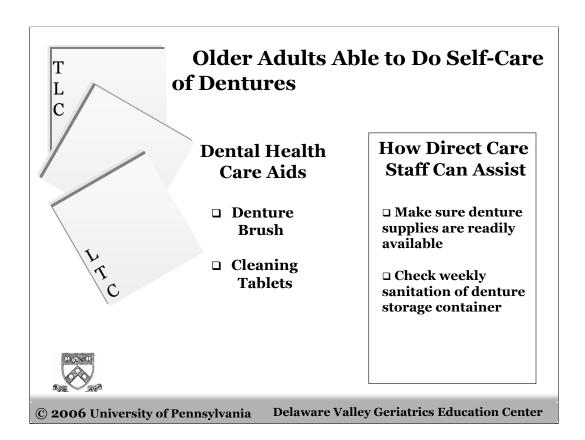
- •Dentures should be cleaned at least once daily.
- •Use a denture brush or hard nailbrush and scrub off plaque and food particles on teeth including the outside and inside of denture under running water.
- •Put a towel in the sink to protect dentures from breaking if they fall accidentally.
- •Denture cleaning tablets can be used in addition to cleaning with dishwashing detergents and water, but are not a substitute for dishwater detergent and water scrubbing.
- •All denture paste or powder should be removed from the denture each day before applying new denture paste or powder.



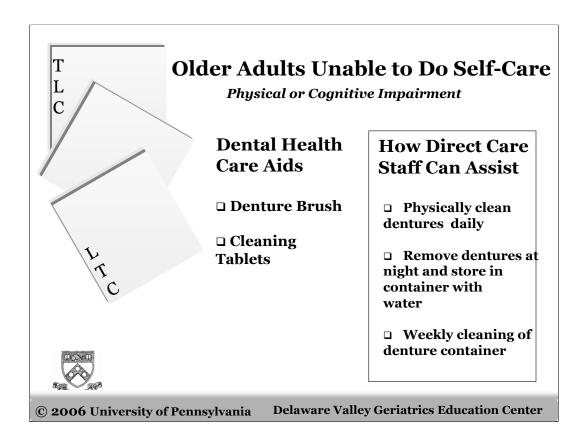
- Dentures should be stored in a container with water when not in the mouth.
- •The storage container should be regularly cleaned with diluted bleach and soaked for one hour. Rinse thoroughly before use.



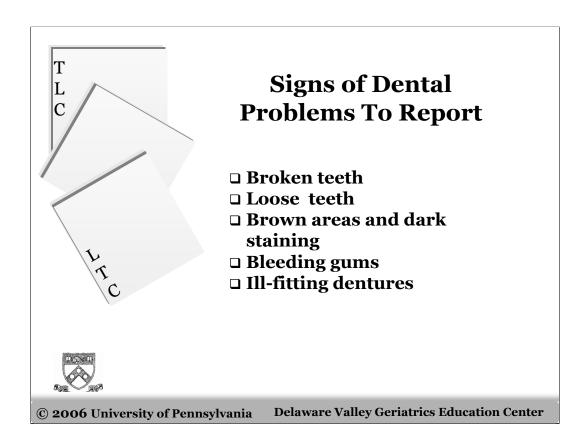
- Dentures, whether full or partial should not be worn all day.
- •Leave dentures out at least 6 hours per day to allow the gums to breathe
- Wearing dentures constantly irritates the gums
- •Dentures that fit poorly can also irritate gums.



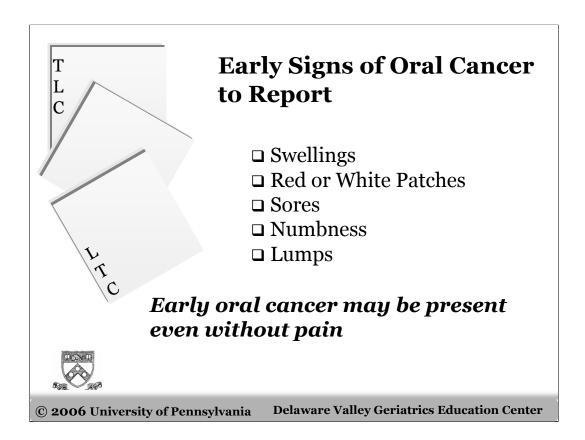
- •You can assist older persons with dentures who are able to do their own care by having denture supplies readily available for use.
- Also check to make sure the denture storage container is kept clean.



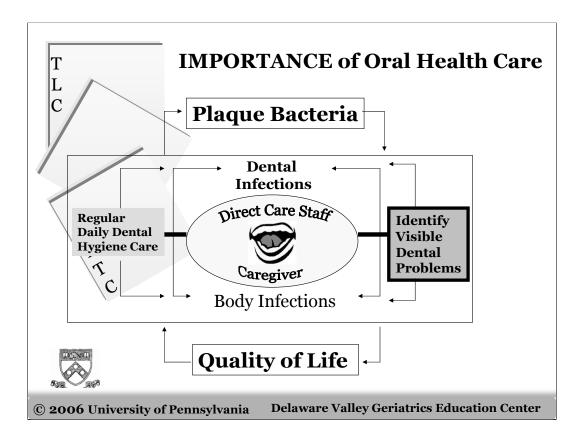
•For those persons that are unable to care for their dentures make sure to remove dentures prior to bedtime, brush clean and store in container with water. Re-insert dentures in the morning and weekly sterilize denture container.



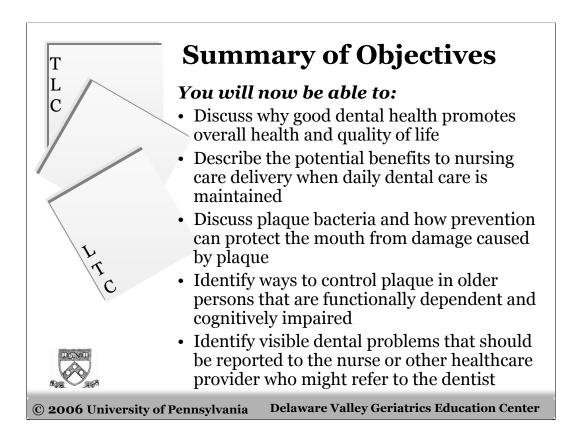
- In the process of helping older persons with their mouth care, you have the opportunity to see problems and changes in the mouth that may be important. These could be problems a dentist can repair or early signs of cancer in the mouth.
- •It is important for you to be aware of harmful signs in the mouth because the persons you care for will *not* notice them, especially if they do not have pain.
- •These problems may include broken and loose teeth, brown areas and staining on teeth, gums that bleed when brushed, and ill-fitting dentures.
- Report such changes to health care providers for evaluation.



- •Pain is usually not an early symptom of the disease.
- •It is important to notice the early signs of oral cancer.
- •These include swellings, red or white patches, sores, numbness or lumps anywhere in the mouth or on the tongue.



- •In conclusion, remember good daily mouth care will help the dental health and general health of the persons you care for.
- You can do it!!



Summary of learning objectives:

You will now be able to:

Discuss why good dental health promotes overall health and quality of life

- •Describe the potential benefits to nursing care delivery when daily dental care is maintained
- •Discuss plague bacteria and how prevention can protect the mouth from damage caused by plague
- •Identify ways to control plaque in older persons that are functionally dependent and cognitively impaired
- •Identify visible dental problems that should be reported to the nurse or other healthcare provider who might refer to the dentist



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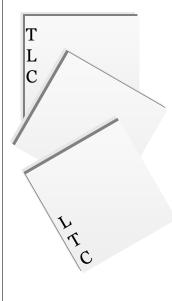
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