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**V4777**

### **Treating the Aging Population - A Frustrating Challenge**

Gordon J. Christensen, DDS, MSD, PhD

**Materials Included:**

C.E. Instruction Sheet  
Products List  
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Presented by: Gordon J. Christensen, DDS, MSD, PhD

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## PROGRAM

### **V4777 Treating the Aging Population – A Frustrating Challenge**

#### CLINICIAN RESPONSIBLE:

**Gordon J. Christensen, DDS, MSD, PhD**  
*Founder and CEO, Practical Clinical Courses*  
*Senior Consultant & Previous CEO, CR Foundation*  
*Practicing Prosthodontist, Provo, Utah*

#### GOALS & OBJECTIVES

At the completion of this video presentation, viewers should be able to:

1. List the challenges of the geriatric population.
2. Describe the overall health of the mature population.
3. Describe the financial challenges of persons over 65 years of age.
4. Describe “dry mouth”.
5. Discuss dental caries in the mature patient.
6. List the most used materials for repair of restorations in the mature person.
7. List the steps in making an “interim crown” for a mature patient who has financial challenges.
8. Describe the presence of periodontal disease in the aging patient.
9. Compare conventional periodontal therapy with conservative periodontal therapy.
10. List the occlusal challenges in the mature patient.
11. Describe the major method to improve the support and retention of complete dentures for mature patients.
12. Describe the major method to improve the support and retention of removable partial dentures for mature patients.
13. Describe a complete diagnostic activity for the mature patient.
14. Compare the financial implications of staff collection of diagnostic data with dentist collection of diagnostic data.
15. List the major preventive methods for caries in the mature patient.
16. List the major preventive methods for periodontal disease in the mature patient.
17. Identify three main causes of death for aging patients.
18. Discuss reasons for dentists to be aware of the systemic diseases present in mature persons.
19. Describe a suggested optimum diet for a mature patient.
20. Develop a protocol for your practice to best facilitate treatment of the mature patient.

## OVERVIEW

### **V4777 Treating the Aging Population – A Frustrating Challenge**

One of the most significant practice challenges for dentists is diagnosis and treatment of the mature patient. There are many variables including overall systemic health, diet, financial challenges, patient immobility, extreme oral disease of all varieties-especially dry mouth, and overall lack of desire to change behavior to improve overall and oral health. Among the topics included are:

1. What is the geriatric population
2. Challenges of mature patients related to oral care
3. Overall health
4. Financial challenges
5. Dry mouth
6. Dental caries
7. Repair of restorations
8. Interim, inexpensive geriatric crowns
9. Periodontal disease
10. Conventional periodontal treatment
11. Conservative periodontal treatment
12. Occlusion
13. Inadequate mastication
14. Implant-supported removable complete dentures
15. Implant-supported removable partial dentures
16. Treatment planning
17. Long-term preventive treatment
18. Developing a preventive and treatment protocol for your practice

## SUPPLEMENTAL MATERIALS

### **V4777 Treating the Aging Population – A Frustrating Challenge**

1. Viljakainen S, Nykänen I, Ahonen R, Komulainen K, Suominen AL, Hartikainen S, Tiihonen M. Xerostomia among older home care clients. *Community Dent Oral Epidemiol.* 2016 Jun;44(3):232-8. doi: 10.1111/cdoe.12210. Epub 2016 Jan 6.
2. Meaney S, Connell BO, Elfadil S, Allen F. A qualitative investigation into patients' perspectives on edentulousness. *Gerodontology.* 2016 Mar 29. doi: 10.1111/ger.12229. [Epub ahead of print]
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4. Dhanuthai K, Rojanawatsirivej S, Somkotra T, Shin HI, Hong SP, Darling M, Ledderhof N, Khalili M, Thosaporn W, Rattana-Arpha P, Saku T. Geriatric oral lesions: A multicentric study. *Geriatr Gerontol Int.* 2016 Feb;16(2):237-43. doi: 10.1111/ggi.12458. Epub 2015 Feb 6.
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8. Dahm TS, Bruhn A, LeMaster M. Oral Care in the Long-Term Care of Older Patients: How Can the Dental Hygienist Meet the Need? *J Dent Hyg.* 2015 Aug;89(4):229-37.
9. Glassman P. Geriatric Dentistry in the 21<sup>st</sup> Century: Environment and Opportunity. *J Calif Dent Assoc.* 2015 Jul;43(7):389-93.
10. Saunders R. Partial denture swallowed by patient with dementia. *Spec Care Dentist.* 2015 Jun 17. doi: 10.1111/scd.12121. [Epub ahead of print]
11. Martín-Ares M, Barona-Dorado C, Guisado-Moya B, Martínez-Rodríguez N, Cortés-Bretón-Brinkmann J, Martínez-González JM. Prosthetic hygiene and functional efficacy in completely edentulous patients: satisfaction and quality of life during a 5-year follow-up. *Clin Oral Implants Res.* 2015 Apr 20. doi: 10.1111/clr.12604. [Epub ahead of print]
12. Wadhwa B, Jain V, Pruthi G. Strategic Use of Telescopic Retainers and Semi-rigid Precision Attachments in a Geriatric Patient: A Case Report. *J Indian Prosthodont Soc.* 2014 Dec;14(Suppl 1):232-7. doi: 10.1007/s13191-013-0302-6. Epub 2013 Jul 23.

## POST-TEST

### **V4777 Treating the Aging Population – A Frustrating Challenge**

1. The percentage of persons 65 years of age or older with disabilities is:
  - a. 20%.
  - b. 30%.
  - c. 40%.
  - d. 50%.
  - e. 60%.
  
2. It is approximated that there are about \_\_\_\_ million people in the US 65 years of age or older.
  - a. 90
  - b. 20
  - c. 10
  - d. 40
  - e. 50
  
3. Obesity in the US among persons 65 years of age or older is:
  - a. decreasing.
  - b. increasing.
  - c. greatly increasing.
  - d. staying the same.
  
4. The greatest risks for patients 65 years of age or older are:
  - a. high blood pressure and cancer.
  - b. Alzheimer's disease and cancer.
  - c. influenza and diabetes.
  - d. heart disease and cancer.
  
5. The most significant cause of dry mouth is:
  - a. wearing dentures.
  - b. eating acidic foods.
  - c. taking many drugs.
  - d. none of the above.
  
6. Compomer is a:
  - a. glass ionomer.
  - b. resin-modified glass ionomer.
  - c. conventional resin-based composite.
  - d. fluoride-containing hydrophilic resin.
  
7. The described technique for "interim crowns" uses a \_\_\_\_\_ as the crown material.
  - a. light-curing resin-based composite
  - b. dual-curing resin-based composite
  - c. compomer
  - d. resin-modified glass ionomer
  - e. glass ionomer

**POST-TEST (CONT'D)**

**V4777 Treating the Aging Population – A Frustrating Challenge**

8. It is estimated that at least \_\_\_\_ percent of the population 65 years of age or older has overt moderate to severe periodontal disease.
- a. 30
  - b. 50
  - c. 70
  - d. 90
  - e. 20
9. It is estimated that at least \_\_\_\_ percent of the population 65 years of age or older has severe occlusal bruxism.
- a. 30
  - b. 50
  - c. 90
  - d. 70
  - e. 20
10. A proper diet for an aging patient includes:
- a. fruits and vegetables.
  - b. dairy products.
  - c. whole grains.
  - d. lean protein.
  - e. all of the above.

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