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Career Development Program

V4777

Treating the Aging Population - A Frustrating Challenge

Gordon J. Christensen, DDS, MSD, PhD

Materials Included

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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
CEO, Practical Clinical Courses
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

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V4777 Treating the Aging Population – A Frustrating Challenge

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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]
3. Toivari M, Suominen AL, Lindqvist C, Thorén H. Among Patients With Facial Fractures, Geriatric Patients Have an Increased Risk for Associated Injuries. *J Oral Maxillofac Surg.* 2016 Feb 17. pii: S0278-2391(16)00147-6. doi: 10.1016/j.joms.2016.02.001. [Epub ahead of print]
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6. Krishnan S, Koli D, Nanda A, Verma M. Fracture management of an edentulous mandible in a geriatric osteoporotic patient. *Indian J Dent Res.* 2015 Sep-Oct;26(5):542-4. doi: 10.4103/0970-9290.172084.
7. Kraft-Bodi E, Jørgensen MR, Keller MK, Kragelund C, Twetman S. Effect of Probiotic Bacteria on Oral Candida in Frail Elderly. *J Dent Res.* 2015 Sep;94(9 Suppl):181S-6S. doi: 10.1177/0022034515595950. Epub 2015 Jul 22.
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 21st 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

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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)

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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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