

Colgate Professional Education Modules

Colgate[®]

2016

Introduction

- In response to demand from oral health training programmes, Colgate has produced a series of education modules. These modules are primarily designed to be integrated into curricula for dental hygiene and/or therapy students, but are also available for dental students. Modules are intended to be modified, as needed, for individual training programmes.

The topics available are:

- ◆ Toothpaste
 - ◆ Mechanical Plaque Control
 - ◆ Caries: Risk assessment and a new approach to prevention
 - ◆ Fluoride
 - ◆ Periodontal diseases and their relationship with overall health
 - ◆ The role of triclosan/copolymer toothpaste in the management of periodontal diseases
 - ◆ Mouthrinse
 - ◆ Dentine Hypersensitivity Treatment
 - ◆ Erosion
 - ◆ Tooth Whitening
 - ◆ Before You Go (Graduation Module)
 - ◆ Research and Product Update (Faculty)
 - ◆ Bright Smiles Bright Futures
- A Colgate educator is available to present these modules to students. Each module has both presentation and practical components. Modules vary in length from 1 to 3 hours.

Toothpaste Module

Objective

- Students will learn about the significance of home care in the maintenance of oral health and how oral hygiene products have evolved. They will learn about the different toothpaste ingredients and the variety of toothpaste products available.

Topics covered include:

- Determinants of long term health
- Oral care beliefs and behaviours
- Evolution of toothbrushing and toothpaste
- Toothpaste ingredients and their functions
- Active agents
 - ◆ Fluoride in toothpaste
 - ◆ Arginine
 - ◆ Triclosan
 - ◆ Desensitising agents
 - ◆ Pyrophosphates
 - ◆ Whitening toothpastes
- Regulatory Environment
- Classroom Survey – this survey asks students to try different toothpastes during the session and complete an evaluation form.
- Toothpaste Ingredients – a summary table of ingredients in a range of Colgate toothpastes
- Student summary handout

Time Allocation: 1.5 hours

Mechanical Plaque Control Module

Objective

- Students will learn about toothbrush and interdental cleaning technology and development and how to consider the evidence base for toothbrush and interdental cleaner recommendations. They will understand factors that influence toothbrush and interdental cleaner choice and become aware of the Colgate range available.

Topics covered include:

- ◆ Toothbrush evolution
 - ◆ Toothbrush technology and development - manual and powered
 - ◆ Considerations when recommending toothbrushes for patients
 - ◆ Interdental cleaners – evolution, technology
 - ◆ Considerations when recommending interdental cleaners
 - ◆ Consumer habits
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- Optional quiz covering topics covered in the Toothpaste and Toothbrushing lectures
 - Student summary handout

Time Allocation: 1 - 1.5 hours

Caries: Risk assessment and a new approach to prevention

Objective

- Students will understand the development of caries and how to implement a risk assessment process. They will learn about Pro-Argin™ - a new technology for the prevention of caries. The mode of action and clinical research related to a new toothpaste will be explored.

Topics covered include:

- Overview of Caries
 - ◆ Myths and facts
 - ◆ Aetiology and development of caries
 - ◆ Early caries detection methods
- Caries risk assessment
- Grading of caries
- Prevention of Caries
- Pro-Argin™ Technology
 - ◆ Background
 - ◆ Mode of Action in the prevention of caries
 - ◆ Clinical evidence supporting efficacy

Time Allocation: 1 - 1.5 hours

Fluoride Module

Objective

- Students will learn about the continuing importance of fluoride to good oral health. They will have an appreciation of the different forms of fluoride available and the information to make appropriate product recommendations for their patients

Topics covered include:

- ◆ Evidence base for fluoride
 - ◆ Trends in oral health
 - ◆ Mechanisms of fluoride action
 - ◆ Individual caries risk assessment
 - ◆ Fluoride types
 - ◆ Colgate fluoride product range
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- Practical product trial section
 - Fluoride conversion chart to aid students to interpret and convert the fluoride concentrations of fluoride products
 - Student summary handout

Time Allocation: 1.5 - 2 hours

Periodontal diseases and their relationship with overall health

Objective

- Understand how oral disease can impact systemic health.
- Review the current evidence linking periodontal disease to overall health.

Topics covered include:

- History of the Oral Health – Systemic Health Relationship
 - ◆ Oral Sepsis Theory
 - ◆ Modern understanding
- Periodontal disease - inflammatory factors
- Periodontal disease as a risk factor for:
 - ◆ Diabetes
 - ◆ Cardiovascular disease
 - ◆ Adverse Pregnancy Outcomes
 - ◆ Pulmonary Disease

Time Allocation: 1 - 1.5 hours

The role of triclosan/copolymer toothpaste in the management of periodontal diseases

Objective

- Review periodontal diseases and their management
- Explore the role of triclosan/copolymer toothpaste in the management of periodontal disease
- Gain an understanding of the technology of the triclosan/copolymer system

Topics covered include:

- A review of the clinical features and aetiology of periodontal disease
- Management of Periodontal Disease
- The role of a toothpaste containing Triclosan/Copolymer in routine homecare
- Examination of the extensive body of evidence for the efficacy and safety of triclosan/copolymer toothpaste

Time Allocation: 1 - 1.5 hours

Mouthrinse Module

Objective

- Students will learn about the place of mouthrinses in oral health maintenance. They will have an appreciation of the different forms of mouthrinses available and the information to make appropriate recommendations for their patients.

Topics covered include:

- ◆ Determinants of oral health
 - ◆ Evolution of mouthrinses
 - ◆ Cosmetic vs therapeutic mouthrinses
 - ◆ Mouthrinse ingredients
 - ◆ Mouthrinse choices
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- Case studies are presented to illustrate the place of mouthrinses in patient care.
 - Practical session allowing students to taste and evaluate the different mouthrinses.
 - Summary of ingredients – handout.
 - Student summary handout

Time Allocation: 1.5 hours

Hypersensitivity Module

Objective

- Students will understand the aetiology and treatment principles of dentine hypersensitivity. They will have the opportunity to experience the range of Colgate's dentine hypersensitivity products.

Topics covered include:

- ◆ Aetiology of Dentine Hypersensitivity
 - ◆ Prevalence of Dentine Hypersensitivity
 - ◆ Hydrodynamic Theory
 - ◆ Treatment principles
 - ◆ Management Options
 - ◆ Clinical research on dentine hypersensitivity products
 - ◆ Pro-Argin technology
 - ◆ Colgate Hypersensitivity products range
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- Student summary handout

Time Allocation: 1 - 1.5 hours

Erosion Module

Objective

- Students will understand the prevalence, aetiology, signs and symptoms of erosion and be able to diagnose erosion in patients. They will have the opportunity to explore the strategies for prevention and management of erosion.

Topics covered include:

- ◆ Aetiological factors of Erosion
 - ◆ Prevalence of Erosion
 - ◆ Erosion indices
 - ◆ Treatment principles
 - ◆ Management Options
 - ◆ Recommendations for prevention of erosion
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- Student summary handout

Time Allocation: 1 - 1.5 hours

Tooth Whitening Module

Objective

- Students will understand the causes of tooth discolouration and be equipped to deal with patients' queries about tooth whitening. They will have an opportunity to experience a professionally supervised whitening procedure and be aware of Colgate's whitening products.

Topics covered include:

- ◆ Extrinsic / intrinsic staining
 - ◆ Whitening toothpaste
 - ◆ Professional whitening systems
 - ◆ Safety
 - ◆ Side effects
 - ◆ Colgate Whitening range
 - ◆ Clinical case selection
 - ◆ Shades
 - ◆ Construction of whitening trays
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- Optional additional practical session with patients
 - Handout covering case selection, tray fabrication and maintenance
 - Student summary handout

Time Allocation:

1 hour (Module) + optional 1 hour (Practical - with preparation time prior to session for tray fabrication)

Before you go (Graduation Module)

Objective

- Students will understand the importance of prevention to the everyday clinical management of patients. They will examine case-studies of patients and discuss appropriate preventive strategies for a wide range of patients.

Topics covered include:

- ◆ Current epidemiologic data for dental disease
 - ◆ Current behaviour change theories
 - ◆ Patient case studies
 - ◆ Preventive strategies for a range of common oral health profiles
 - ◆ Preventive product range and clinical application
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- Student summary handout

Time Allocation: 1 hour (Module)

Research and Product Update (Faculty)

Objective

- To inform and update faculty staff, including sessional staff, on research and correlated product changes.

Topics covered include:

- ◆ Caries: New evidence for caries control
 - ◆ Caries: Is fluoride still important?
 - ◆ Triclosan use in Periodontal Disease
 - ◆ Chlorhexidine & CPC use in Periodontal Disease
 - ◆ Peri-implantitis: Managing plaque in the implant patient
 - ◆ Dry Mouth: Results based management
 - ◆ Options for Hypersensitivity management
 - ◆ Brushing: Powered vs Manual
 - ◆ Mechanical Plaque Control
 - ◆ Whitening
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- Summary handout

Time Allocation: 1 hour (Module)

Bright Smiles Bright Futures Oral Health Education Programme Training

Objective

- Introduction to the world of Bright Smiles Bright Futures
- Gain first-hand knowledge of the BSBF materials and their use to deliver effective oral health promotion

Topics covered include:

- Introduction to Oral Health Promotion
- Introduction to the BSBF Program
- Pre-school kit
- Primary school kit
- Hands-on activities using the BSBF resources
- Group discussion on community education initiatives
- Reinforcement of oral health learning

Time Allocation: 2 - 3 hours

For more information or to arrange a teaching session please contact the Coordinator of Colgate's Professional Education Network or your State Educator

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