



# Curriculum guide

2015

# Module 1

---

## Profiling the Patient

- 01\_01\_001 Societal and Professional Perspectives of Health and Disease
- 01\_01\_002 Why Is the Patient Here In Your Practice?
- 01\_01\_003 Changing Patterns of Oral Health and Disease

## Assessment Methods and Techniques

- 01\_02\_001 Principles of Screening
- 01\_02\_002 Holistic Assessment of the Patient
- 01\_02\_003 The Different Approaches In Assessing the Child Patient
- 01\_02\_004 Assessing the Anxious Patient
- 01\_02\_005 What Are Diagnostic Skills?
- 01\_02\_006 Developing Rapport
- 01\_02\_007 Clinical Priorities
- 01\_02\_008 Performing an Extra-Oral and Facial Examination
- 01\_02\_009 Assessing the Articulatory System
- 01\_02\_010 Assessing the Intra-Oral Soft Tissues
- 01\_02\_011 A General Orthodontic Examination of the Patient
- 01\_02\_012 Assessment for Orthodontic Referral
- 01\_02\_013 Assessment of Disease Levels and Factors That Will Impact on Periodontal Status
- 01\_02\_014 Assessment of Disease Levels and Factors That Will Impact on Caries Status
- 01\_02\_015 The Accurate Assessment and Diagnosis of Symptoms of Pain and Discomfort
- 01\_02\_016 Appropriate Imaging Examination for a Patient
- 01\_02\_017 Selection Criteria for Radiographic Examination
- 01\_02\_018 Imaging Techniques Needed In Periodontal Diagnosis
- 01\_02\_019 Successful Radiographic Techniques
- 01\_02\_020 Successful Diagnosis of Radiographic Images
- 01\_02\_021 The Use of Advanced Imaging Techniques in Dentistry
- 01\_02\_022 Special Tests and Baseline Records
- 01\_02\_023 Translating Information into a Diagnosis
- 01\_02\_024 Principles of Good Treatment Planning

---

### **Good Practice**

- 01\_03\_001 An Introduction to Consent
- 01\_03\_002 Delivering Therapeutic Agents
- 01\_03\_003 The Importance of Good Record Keeping
- 01\_03\_004 What Should Be Recorded In Clinical Notes
- 01\_03\_005 What Artefacts Constitute Clinical Records
- 01\_03\_006 NHS Regulations and Their Impact on Delivering Treatment Options
- 01\_03\_007 Negotiating Consent for Treatment
- 01\_03\_008 Monitoring Oral Health Outcomes: Have I Made A Difference?
- 01\_03\_009 How and When to Refer Patients
- 01\_03\_010 Reflective Practice
- 01\_03\_011 Child Protection

### **Health Promotion and Disease Prevention**

- 01\_04\_001 What Is Health Promotion?
- 01\_04\_002 The Limitations of Dental Health Education
- 01\_04\_003 Use of Fluorides
- 01\_04\_004 Fissure Sealing - When and Where
- 01\_04\_005 Delivering Prevention to the Community
- 01\_04\_006 Principles of Prevention
- 01\_04\_007 Delivering Prevention to the Patient

# Module 2

---

## **Medical Topics and Dentistry**

- 02\_01\_001 Innate and Adaptive Immunity
- 02\_01\_002 Cardiac Arrhythmias
- 02\_01\_003 Cardiac Challenges of the Dental Practitioner
- 02\_01\_004 Respiratory Disorders and the Dental Patient
- 02\_01\_006 Musculoskeletal Problems in the Dental Patient
- 02\_01\_007 Rheumatoid Arthritis, SLE and Sjögren's Disease
- 02\_01\_008 Inflammatory Bowel Disease
- 02\_01\_009 Disorders of the Gastro-intestinal Tract
- 02\_01\_010 Inflammatory Bowel Disease
- 02\_01\_011 Live Disease and Impact on the Dental Patient
- 02\_01\_012 Challenges of Dental Care for the Pregnant Patient
- 02\_01\_013 Renal Problems and Dental Care Provision
- 02\_01\_014 Diabetes in the Dental Patient
- 02\_01\_015 Endocrine Challenges for the Dental Practitioner
- 02\_01\_016 Neurological Disorders I
- 02\_01\_017 Neurological Disorders II
- 02\_01\_019 Infectious Disease and the Dental Patient
- 02\_01\_020 Dermatological Problems in the Dental Patient
- 02\_01\_021 Common Cancers in the Dental Patient Population
- 02\_01\_022 Bleeding Disorders of Importance in Dentistry

## **Medical Emergencies in Dentistry**

- 02\_02\_001 Medical Emergencies: Basic Life Support
- 02\_02\_002 Medical Emergencies for Dental Practitioners II

# Module 3

---

## **Principles of Dental Pain**

03\_01\_001 The Physiological and Anatomical Basis of Pain

## **Mediators of Central Pain**

03\_02\_001 Central Modulators of Pain

## **Dental Local Anaesthesia**

03\_03\_001 Introduction to Dental Local Anaesthesia

03\_03\_002 Dental Local Anaesthetic Agents

03\_03\_003 Topical Anaesthetics

03\_03\_004 Which Local Anaesthetics Should I Use?

## **Dental Local Anaesthetic Technique**

03\_04\_001 Local Anaesthetic Techniques in the Maxilla

03\_04\_002 Local Anaesthetic Techniques in the Mandible

03\_04\_003 Intraligamentary Anaesthesia

03\_04\_004 Intraosseous Anaesthesia

03\_04\_005 Complications of Dental Local Anaesthesia

03\_04\_006 Factors Influencing the Use of Dental Local Anaesthesia

## **Management of Dental Pain**

03\_05\_001 Analgesics Used for Management of Dental Pain

## **Non-Pharmacological Anxiety Management**

03\_06\_001 Behavioural Management Techniques in the Anxious Patient

03\_06\_002 Hypnosis in Dentistry

03\_06\_003 Acupuncture in Dentistry

---

### **Overview of Conscious Sedation**

- 03\_07\_001 Professional Guidelines for Conscious Sedation in Dental Practice
- 03\_07\_002 Anatomy Relevant To Conscious Sedation in Dental Practice
- 03\_07\_003 Cardiovascular Physiology Relevant to Conscious Sedation
- 03\_07\_004 Respiratory Physiology Relevant to Conscious Sedation
- 03\_07\_005 Patient Assessment for Conscious Sedation
- 03\_07\_006 Monitoring During Conscious Sedation
- 03\_07\_007 Medico-Legal Considerations Associated with Conscious Sedation

### **Intravenous Sedation**

- 03\_08\_001 Pharmacology of Intravenous Sedation Agents
- 03\_08\_002 Principles of Intravenous Sedation
- 03\_08\_003 Administration of Intravenous Sedation
- 03\_08\_004 Intravenous Cannulation

### **Inhalation Sedation**

- 03\_09\_001 Pharmacology of Nitrous Oxide
- 03\_09\_002 Principles of Inhalation Sedation
- 03\_09\_003 Inhalation Sedation Equipment

### **Dental General Anaesthesia**

- 03\_10\_001 Professional Guidelines for Dental General Anaesthesia
- 03\_10\_002 Assessment for Dental General Anaesthesia
- 03\_10\_003 Referring for Dental General Anaesthesia

# Module 4

---

## **Aetiology of Periodontal Disease**

- 04\_01\_001 Macro and Microscopic Anatomy of the Periodontal Tissues
- 04\_01\_002 Periodontal Pathogenesis
- 04\_01\_003 Epidemiology of Periodontitis
- 04\_01\_004 Host Response and Susceptibility
- 04\_01\_005 The Role of the Bacterial Biofilm
- 04\_01\_006 Risk Assessment in Periodontology - Systemic Risk Factors
- 04\_01\_007 Local Risk Factors for Periodontitis

## **Periodontal Diagnosis and Determination of Prognosis**

- 04\_02\_001 Classification of Periodontitis
- 04\_02\_002 The Basic Periodontal Examination (BPE)
- 04\_02\_003 Periodontal Assessment
- 04\_02\_004 Determining Prognosis
- 04\_02\_005 The Periodontal-Endodontic Lesion

## **Periodontal Treatment Options**

- 04\_03\_001 Management of Gingivitis
- 04\_03\_002 The Management of Periodontitis
- 04\_03\_003 The Management of Gingival Recession
- 04\_03\_004 Non Drug-induced Gingival Overgrowth
- 04\_03\_005 The Diagnosis and Management of Furcations
- 04\_03\_006 Phased Treatment Planning
- 04\_03\_007 Specialist Referral

## **Patient Education and Self-Performed Plaque Control**

- 04\_04\_001 Role of Bacteria in Oral Health
- 04\_04\_002 Clinical Imaging in Patient Education
- 04\_04\_003 Oral Hygiene Methods
- 04\_04\_004 Treatment Adherence
- 04\_04\_005 Assessing Patient Adherence

---

### **Non-Surgical Periodontal Therapy**

- 04\_05\_001 Periodontal Instrumentation Techniques
- 04\_05\_002 The Role Of Calculus In Disease
- 04\_05\_003 The Nature Of Root Surface Contamination
- 04\_05\_004 Full Mouth Approach to Therapy
- 04\_05\_005 The Use of Antimicrobials
- 04\_05\_006 Supportive Periodontal Therapy

### **Surgical Periodontal Therapy**

- 04\_06\_001 Rationale for Surgery
- 04\_06\_002 Periodontal Flap Surgery
- 04\_06\_003 Management of Bone Defects
- 04\_06\_004 The Management of Root Resection
- 04\_06\_005 Principles of Advanced Surgical Techniques



# Module 5

---

## **Pre- and Post-operative Assessment**

05\_05\_001 Pre and Postoperative Assessment for General Anaesthesia

## **Exodontia**

05\_02\_001 Effective Exodontia

## **Surgical Dentistry**

05\_03\_001 Principles of Minor Oral Surgery

05\_03\_002 Complications of Minor Oral Surgery

05\_03\_003 Referring to Secondary Care

05\_03\_004 Infection and Surgical Management

## **Advanced Trauma Life Support (ATLS)**

05\_04\_001 Principles of ATLS

05\_04\_002 Principles of Management of Dental Trauma and Injuries

## **Management of Un-Erupted, Impacted, Ectopic and Supernumerary Teeth**

05\_05\_001 Assessment of Ectopic Canine, Premolar and Supernumerary Teeth

05\_05\_002 Treatment of Ectopic Canine, Premolar and Supernumerary Teeth

05\_05\_003 Assessment of Un-erupted, Partially Erupted and Ectopic Molars

05\_05\_004 Treatment of Un-erupted, Partially Erupted and Ectopic Molars

## **Benign Soft Tissue Lesions**

05\_06\_001 Assessment of Benign Soft Tissue Lesions of the Oral Cavity

05\_06\_002 Treatment of Benign Soft Tissue Lesions of the Oral Cavity

# Module 6

---

## **Accurate Drug History and Relevance of Allergies**

- 06\_01\_002 Drug Interactions
- 06\_01\_003 Postoperative Management

## **Odontogenic Infections**

- 06\_02\_001 Assessment of Odontogenic Infections
- 06\_02\_002 Treatment of Odontogenic Infections

## **Management of Oral Mucosal Diseases**

- 06\_03\_001 Management of Salivary Gland Disorders
- 06\_03\_002 Management of Orofacial Malignancies
- 06\_03\_003 Management of Oral Ulcerations
- 06\_03\_004 The Role of Immunofluorescence
- 06\_03\_005 Intra-oral White Patches
- 06\_03\_006 Common Manifestations of Viral Infections of the Oral Mucosa
- 06\_03\_007 The Oral Manifestations of HIV and AIDS

## **Neoplastic and Non Neoplastic Diseases of the Head and Neck**

- 06\_04\_001 Cysts of the Oral Cavity: Soft Tissue Cysts
- 06\_04\_002 Cysts of the Oral Cavity: Bone Cysts
- 06\_04\_003 Benign Tumours: Soft Tissue Tumours
- 06\_04\_004 Benign Tumours: Bone Tumours
- 06\_04\_005 Lumps of the Neck
- 06\_04\_006 Overview of Cleft Lip and Palate
- 06\_04\_007 Diseases of the Bone

## **Craniofacial Pain Disorders**

- 06\_05\_001 Defining TM(J) Disorders
- 06\_05\_002 Diagnosis and Management of Headaches



# Module 7

---

## **Oral Habits and Occlusal Trauma in the Mixed Dentition**

- 07\_01\_001 Identification of Digit Sucking and Other Habits in the Young Patient
- 07\_01\_002 The Management of Digit Sucking Habits

## **Emergency Care and Management of Orthodontic Problems**

- 07\_02\_001 Management of Orthodontic Emergencies

## **Simple Removable Appliances**

- 07\_03\_001 Removable Orthodontic Appliances
- 07\_03\_002 Use of Aligner Technology

## **Contemporary Orthodontics**

- 07\_04\_001 Management of the Developing Dentition
- 07\_04\_002 Functional Orthodontic Appliances
- 07\_04\_003 Fixed Orthodontic Appliances
- 07\_04\_004 Orthodontic Retention

## **Normal Facial Growth and Dental Development**

- 07\_05\_001 Mechanisms of Early Normal Growth of the Craniofacial Skeleton
- 07\_05\_002 Growth Patterns and Growth Prediction

## **Abnormalities of Facial Growth and Dental Development**

- 07\_06\_001 Abnormalities of The Dentition
- 07\_06\_002 Detrimental Effects of Enforced Tooth Loss

## **Orthodontic Indices**

- 07\_07\_001 Common Classifications and Indices of Occlusion and Malocclusion
- 07\_07\_002 Index of Orthodontic Treatment Need

---

### **Assessment for Interceptive Treatment**

- 07\_08\_001 The Development of the Normal Occlusion - Primary, Mixed and Permanent
- 07\_08\_002 Assessment of Dental Age
- 07\_08\_003 Abnormal Dental Development in the Mixed Dentition
- 07\_08\_004 Non-orthodontic Interceptive Procedures to Reduce the Severity of Malocclusion
- 07\_08\_005 Timing Of Interceptive Treatments

### **Space Maintenance**

- 07\_09\_001 Indications and Contra-Indications for Space Maintenance
- 07\_09\_002 Removable Space Maintainers
- 07\_09\_003 Fixed Space Maintainers

# Module 8

---

## **Caries**

- 08\_01\_001 Aetiology of Caries
- 08\_01\_002 Epidemiology of Caries
- 08\_01\_003 Caries Diagnosis and Management of Occlusal Caries
- 08\_01\_004 Dentine Caries and Pulpal Responses
- 08\_01\_005 Root Surface Caries
- 08\_01\_006 Caries Prevention

## **Restoration of Permanent Teeth**

- 08\_02\_001 Management of Interproximal Caries in Anterior Teeth
- 08\_02\_002 Managing Pulpal Exposures
- 08\_02\_003 Multi-Surface and Core Restorations: Vital and Non-vital Teeth
- 08\_02\_004 Inlay and Onlay Restorations
- 08\_02\_005 Fractured Cusps

## **Crowns**

- 08\_03\_001 Crowns: Principles, Planning and Preparation
- 08\_03\_002 Temporary Crowns: Fitting and Cementation
- 08\_03\_003 Crowns: Impression Techniques and Soft Tissue Management

## **Restoration of Deciduous Teeth**

- 08\_04\_001 Pre-Formed Metal Crowns - Hall Technique

## **Aesthetic Dentistry**

- 08\_05\_001 Smile Design
- 08\_05\_002 Bleaching
- 08\_05\_003 Veneers and Dentine Bonded Crowns
- 08\_05\_004 Microabrasion

## **Dental Biomaterials**

- 08\_06\_001 Cements
- 08\_06\_002 Dental Amalgam
- 08\_06\_003 Composite Restorations
- 08\_06\_004 Impression Materials
- 08\_06\_005 Ceramics
- 08\_06\_006 Dentine Bonding

---

### **Tooth Surface Loss**

- 08\_07\_001 Aetiology of Tooth Surface Loss
- 08\_07\_002 Erosive Potential
- 08\_07\_003 Epidemiology of Tooth Surface Loss
- 08\_07\_004 Clinical Examination of Tooth Surface Loss
- 08\_07\_005 Dentine Hypersensitivity
- 08\_07\_006 Strategies to Prevent Tooth Erosion
- 08\_07\_007 Management of Tooth Erosion
- 08\_07\_008 Management of Tooth Attrition
- 08\_07\_009 Management of Tooth Abrasion
- 08\_07\_010 Overdentures

### **Endodontics**

- 08\_08\_001 Endodontic Aims
- 08\_08\_002 Diagnosis of Pulpal Status
- 08\_08\_003 Tooth Isolation
- 08\_08\_004 Endodontic Access
- 08\_08\_005 Principles of Canals
- 08\_08\_006 Assessing and Treating Calcified Canals
- 08\_08\_007 Canal Preparation: Basic Preparation Techniques
- 08\_08\_008 Canal Preparation: Rotary Techniques
- 08\_08\_009 Canal Obturation
- 08\_08\_010 Restoration of Endodontically Treated Teeth
- 08\_08\_011 Vital Pulpotomy and Pulpectomy Technique in Primary Molars
- 08\_08\_013 Managing the Open Apex
- 08\_08\_014 Surgical Endodontics

### **Dental Trauma**

- 08\_09\_001 Introduction to Dental Trauma
- 08\_09\_002 Management of Trauma to the Primary Dentition
- 08\_09\_003 Management of Trauma to the Permanent Dentition
- 08\_09\_004 Management of Failing Anterior Teeth in Children and Adolescents

# Module 9

---

## **Bridgework**

- 09\_01\_001 Bridgework Terminology
- 09\_01\_002 Treatment Planning for Bridges
- 09\_01\_003 Adhesive Bridges
- 09\_01\_004 Adhesive Bridges: Maintenance and Dealing with Failures
- 09\_01\_005 Conventional Bridges: Temporary and Provisional Bridges
- 09\_01\_006 Conventional Bridges: Tooth Preparation
- 09\_01\_007 Conventional Bridges: Impression Techniques
- 09\_01\_008 Conventional Bridges: Try In and Cementation
- 09\_01\_009 Conventional Bridges: Maintenance and Dealing with Failures

## **Occlusion**

- 09\_02\_001 Mandibular Movements
- 09\_02\_002 Articulators and Facebows

## **Complete Dentures**

- 09\_03\_001 Changes Following Tooth Extraction
- 09\_03\_002 Complete Denture Stability
- 09\_03\_003 Impression Techniques
- 09\_03\_004 Jaw Relationships
- 09\_03\_005 Fitting Complete Dentures
- 09\_03\_006 Relines and Rebases

## **Partial Dentures**

- 09\_04\_001 Partial Denture Design: Cast Analysis and Surveying
- 09\_04\_002 Partial Denture Design: Mouth Preparation and Working Impressions
- 09\_04\_003 Partial Denture Design: Saddles, Rests and Retainers
- 09\_04\_004 Partial Denture Design: Connectors and Finalising the Design
- 09\_04\_005 Registration, Try In and Insertion Procedures



---

### **Implantology**

- 09\_05\_001 Basic Principles of Dental Implants
- 09\_05\_002 Implant Planning - Clinical Assessment
- 09\_05\_003 Implant Planning - Radiographic Assessment
- 09\_05\_004 Surgical Treatment of Dental Implants
- 09\_05\_005 Prosthodontic Treatment of Dental Implants
- 09\_05\_006 Complications and Maintenance of Dental Implants

### **Miscellaneous**

- 09\_06\_001 Mouth Guards

# Module 10

---

## **Patient and the Family**

- 10\_01\_001 Communication and Treatment Planning
- 10\_01\_002 Communication Skills
- 10\_01\_003 Breaking Bad News

## **Teamworking**

- 10\_02\_001 Effective Team working
- 10\_02\_002 Working within Teams
- 10\_02\_003 Team Working and Patient Safety

## **Other Professionals**

- 10\_03\_001 Communicating with Professional Colleagues

# Module 11

---

## **Ethics**

- 11\_01\_001 The GDC and Professional Conduct
- 11\_01\_002 The GDC and Personal Conduct
- 11\_01\_003 Complaints
- 11\_01\_004 Equality and Diversity: General Awareness
- 11\_01\_005 Underperforming Colleague - What To Do

## **Self**

- 11\_02\_001 Developing Self-awareness
- 11\_02\_002 Managing Yourself
- 11\_02\_003 Continuing Personal Development
- 11\_02\_004 Acting with Integrity
- 11\_02\_005 Developing Networks
- 11\_02\_006 Building and Maintaining Relationships

## **The Clinical Team and Peers**

- 11\_03\_001 Teamworking in a Multidisciplinary Team



# Module 12

---

## **The Need for Effective Leadership and Management**

- 12\_01\_001 The Difference between Leadership and Management
- 12\_01\_002 The Importance of Leadership and Management

## **Quality in Health Care**

- 12\_02\_001 Defining Quality in Health Care
- 12\_02\_002 Consumer Agencies

## **Risk Management**

- 12\_03\_001 Appraising Information
- 12\_03\_002 Managing Risk
- 12\_03\_003 Managing Health and Safety in Dentistry
- 12\_03\_004 Legislation Covering Ionising Radiation
- 12\_03\_005 Employment Legislation
- 12\_03\_006 An Introduction to the Data Protection Act
- 12\_03\_007 Decontamination

## **Self Management**

- 12\_04\_001 Time Management

## **Change Management**

- 12\_05\_001 Principles of Change Management
- 12\_05\_002 Identifying the Contexts for Change
- 12\_05\_003 Applying Knowledge and Evidence
- 12\_05\_004 Making Decisions
- 12\_05\_005 Evaluating Impact
- 12\_05\_006 Negotiation

## **Managing a Business**

- 12\_06\_001 Tax for Dentists
- 12\_06\_002 Recruitment, Selection and Retention
- 12\_06\_003 Equipping and Maintaining a Dental Practice
- 12\_06\_004 Principles of Finance

---

### **Healthcare Systems**

- 12\_07\_001 Oral Health Care Systems
- 12\_07\_002 The Delivery of Oral Healthcare in the UK

### **Professional Practice**

- 12\_08\_001 Research Skills
- 12\_08\_002 How Do Adults Learn?
- 12\_08\_003 Audit as a tool for Quality Dentistry
- 12\_08\_004 Clinical Governance
- 12\_08\_005 Evidence-based Practice







**NHS**  
*Health Education England*

---

