

Name of Module: Extending Oral Health Practice

Campus: Southend and Colchester

Full Module Code HS740-6-SP-SO; HS740-6-PS-CO

Academic Year: 2023-24

Module Overview

Module Title	Extending Oral Health Practice
Module Code	HS740-6-SP-SO; HS740-6-PS-CO
Module start date	2nd January 2024
Module end date	26th April 2024
School	School of Health and Social Care
Module Leader(s)	Mick O'Regan BDS NUI, SFHEA, FAcadMED University of Essex. Elmer Approach, Southend on Sea, SS1 1LW. moregan@essex.ac.uk
Module Tutor(s)	Bryan Paddison; Mick O'Regan; Amalia Khodr; Stephen Pitt; Nick Barker; Mayra Crean; Liz Halsey; Lisa-Jane Coxshall; Rebecca Laws; Arabella Valadas Marques; Aylene Dervish; Imogen Smale
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External Examiner	Name: Mrs Beverley Bishop Institution: BCHC NHS Foundation Trust Academic role: Head of Birmingham School of Dental Hygiene and Therapy

Module Values					
NQF Level	6	Credits	30	Learning Hours	300

Module Delivery Modes (✓)			
Lecture	75	Tutorial/Seminar	
Skills/Simulation	115	Independent Learning	25
Practice-based	85	Other	

Requisites
Pre-Requisites
None
Co-Requisites
HS741-6-SP-SO: Developing Professional Practice
Other / Entry Requirements
Additional Comments
Programme Award

Module Details

Module description

This module provides the structure for learning the foundation knowledge and skills to manage plaque related diseases, namely the management of dental caries and non-carious tooth surface loss.

Module Aims

1. An understanding of the anatomy, physiology and embryology of the oral cavity in relation to plaque related diseases, namely periodontal disease, dental caries and non-carious tooth surface loss.
2. Develop the necessary academic, clinical and technical skills to start supervised student practice managing the care of patients for plaque related diseases (primarily focussing on dental caries and non-carious tooth surface loss) and be able to work in a clinical environment using a safe and professional approach.

Module learning outcomes

On successful completion of this module, the student will be able to:

1. employ a balanced, evidence based argument to justify clinical decisions in relation to periodontal disease, dental caries and non-carious tooth surface loss.
2. understand the influence of tooth morphology on restorative techniques.
3. describe the aetiology and pathogenesis of dental caries, non-carious tooth surface loss and periodontal disease and how these provide the rationale for preventive strategies in children, adolescents and adult patients, taking into account risk and lifestyle factors.
4. competently undertake the range of procedures through the conservation of teeth using appropriately moisture control techniques and selected restorative materials in both adults and children for both the deciduous and permanent dentitions in the dental laboratory.
5. demonstrate a detailed knowledge of the principles of management of the different types of carious lesions in the permanent dentition in conjunction with a thorough understanding of cavity design, classification, and pulpal protection.
6. understand the principles of hard tissue and dental caries removal and develop the technical skills needed to restore carious teeth utilising the concept of minimally invasive dentistry to preserve tooth tissue.
7. Obtain and recognise the need for a detailed medical, dental and social history of a patient, and undertake a clinical examination of the hard and soft tissues, identifying anatomical features and detection of hard and soft tissue pathology, and maintain accurate and contemporaneous patient records.
8. Develop and interpret treatment plans, manage and provide primary and secondary prevention and intervention for patients with periodontal disease, dental caries and implants, and non-carious tooth surface loss within scope of practice, and deliver treatment taking into account individual patient needs
9. develop the clinical skills needed to diagnose dental caries, non-carious tooth surface loss and periodontal disease by using different diagnostic methods, including intra- and extra-oral radiography.
10. understand the principles and techniques for assessing pulp vitality, the pulpal response to the deep carious lesion and undertake the management of pulpal exposures in the primary and permanent dentitions within Scope of Practice.
11. select and manipulate dental biomaterials safely, while recognising and appreciating the factors that influence the selection of materials for the restoration of teeth.
12. work with increased autonomy as the module progresses.
13. recognise the need for follow up care to monitor and review treatment outcomes undertaken , and provide preventive care and clinical intervention as appropriate.

Detailed session content *(if available)*

(red= dental skills lab)

Introduction to the programme & modules

- Have a complete overview of the programme and how the academic and work based learning elements work synergistically
- Recognize the role you play in being a successful student
- Be aware of the role Moodle plays in the programme
- Be able to access Moodle effectively, upload material
- Develop an overview of work based learning and assessments

Tooth Morphology & occlusion

- Identify and describe the hard tissues of the tooth and how these tissues fulfil function and form
- Describe the dates of eruption of both the deciduous and permanent dentition, and what affects eruption
- Appreciate the theories of tooth eruption and how trauma may affect eruption and tooth structure
- Describe and explain the macroscopic and microscopic features of healthy enamel and dentine
- Recognise how systemic disorders and infection may affect the hard tissues
- Have knowledge of occlusion in health and disease

Rationale for Restoring Teeth

- Understand the rationale for restoring teeth
- Understand caries risk assessment and be able to undertake a structured risk assessment based on the concept of the caries balance
- Recognise the difference between operative and non-operative caries management
- Develop an awareness of the decision making process for restoring teeth
- Develop an awareness of the treatment options available;
- Describe the restorative spiral.

Development of enamel and dentine caries

- Describe the role of microorganism in enamel and dentine caries
- Describe the macroscopic and microscopic features of active, arrested and recurrent caries
- Describe the relationship between the microscopic and radiographic features of enamel and dentine caries
- Describe the structure and spread of carious lesions in enamel
- Describe and explain the response of the pulp-dentine complex to caries

The therapists armamentarium

- Appreciate the professionalism required to work in the dental skills lab
- Appreciate how to maintain and care for phantom heads, instruments and equipment
- Practice setting up the phantom head for use
- Identify the various instruments and materials available
- Consider the principles of positioning of operator and phantom head

Fissure sealants

- Describe the indications and contraindications for fissure sealants
- Discuss the cost effectiveness for fissure sealants
- Demonstrate competence in isolating teeth, including the application of rubber dam for fissure sealant and sealant restorations
- Recognise when a tooth requires a fissure sealant
- Describe the steps to provide a sealant restoration compared to those required for a fissure sealant
- Competently undertake a fissure sealant on molar teeth in the skills laboratory

History & examinations revisited

- Undertake a detailed history and examination of both the hard and soft tissues in adults and children recognising the importance and relevance of undertaking these
- Identify what is considered a variation from the norm
- Recognise significance of any changes in the patient's medical, dental and social history and how this may impact on the delivery of care
- Undertake a structured risk assessment based on the concept of the caries balance, identifying the individuals risk status to dental caries
- Keep accurate and contemporaneous records including recording changes in oral health status
- Know when and how to refer suspicious lesions or when intervention is beyond the scope of practice of a dental therapist

Principles of cavity design and concept of minimally invasive dentistry

- Understand the role of tooth morphology on gaining access and removing caries
- Understand the rationale and indications for removing carious tooth tissue using minimally invasive restorative techniques
- describe the stages of cavity design including outline form, resistance form
- Have an awareness of key concepts and principles of cavity design, in particular Black's principles of cavity design in order to apply this to the restoration of teeth
- Develop an understanding of the concepts of minimal invasive dentistry
- Describe some MID preventative 'non-operative interventions
- Describe some MID operative interventions

Gaining access & removing caries

- Demonstrate understanding of the terms access and outline form, and, resistance and retention form
- Develop the skills in using hand and rotary instruments
- Remove caries and unsupported enamel in the skills laboratory using a minimally invasive approach
- Design cavities in relation to tooth anatomy, pathology and the characteristics of the restorative material

Defining the sound/carious interface

- Describe the rationale behind the need for caries removal from the ADJ
- describe the features of infected and affected dentine
- Use appropriate instruments and materials to identify whether a tooth is caries free or not
- Confidently state whether the prepared tooth is caries free or not

Introduction to Materials 1 & 2

- Demonstrate understanding of the properties, composition, uses and application of dental materials and how these affect the clinical application of dental materials
- Demonstrate understanding of the advantages and disadvantages of materials in various clinical situations
- Describe the use of lining cements and temporary restorations to protect pulp vitality
- Select and handle restorative materials for procedures based on sound knowledge of their composition and physical properties
- Restore prepared cavities with the appropriate material
- Describe the effects of the oral environment on dental materials

The Oral Cavity 1- Introduction- Guided Learning

- Understand the anatomy of the soft tissues to in order examine the oral cavity
- Identify essential landmarks and variation from the 'norm'
- Appreciate the regional anatomy relevant to oral health in particular the bones of the skulls and mandible
- List and identify the bones of the skull and the landmarks of the mandible
- Appreciate the role, structure and functions of the sinuses and the temporo-mandibular joint
- Appreciate the route of the maxillary artery, inferior alveolar artery and their oral-facial significance
- Develop an understanding of the role of the lymphatic system, particularly in the head and neck region and the implications of raised lymph nodes

The Oral Cavity 2 – Anatomy of tissues- Guided Learning

- Name the primary muscles of mastication, noting the origin, insertion and function
- List the muscles of facial expression
- List the cranial nerves
- Trace the pathway of the V trigeminal and VII facial nerve and state the innervations of the tissues

Development of the face and early oral development- Guided Learning

- Develop an understanding the variability that can occur in facial form
- Develop an awareness of the face and palate and malformations that may arise (cleft lip, palate)
- Appreciate tooth development from the embryo through to eruption of the permanent dentition
- Identify whether an individual is developing appropriately, from eruption of teeth
- To develop an understanding of the ageing of the hard and soft tissues
- Appreciate how this impacts on the oral cavity

Clinical Decision Making for Caries Management

- Recognise the clinical presentation of dental caries in adults and children
- Recognise when special tests (e.g. vitality, study models) are indicated
- Understand the rationale for undertaking special investigations
- Interpret and develop treatment plans in conjunction with dentist colleagues

- Recognise the role and scope of practice of a dental therapist in this process
- Know how to monitor and review treatment plans and outcomes

Pulpal Pathology

- Describe the normal anatomy and physiology of the pulp
- Describe the aetiology of pulpal disease
- Describe the microscopic and clinical features of pulpal pathology
- Outline the sequelae of pulpal pathology
- Recognise pulpal and tooth responses to trauma
- Describe the principles of treatment of the vital pulp
- Undertake a range of methods of determining pulp vitality

Clinical practice of pulpal management

- Identify methods to preserve tooth tissue and protect the vitality of the pulp
- Describe the concepts of direct and indirect pulp-capping
- Assess the likelihood of pulpal involvement in a cariously exposed tooth
- Recognise the clinical signs and symptoms of pulpal disease and periapical infection
- Have an understanding of how to manage the exposed pulp in permanent teeth within scope of practice

Root Caries

- Discuss the aetiology, microbiology, histology and epidemiology of root caries
- Identify the particular operative challenges in restoring teeth with root caries
- Describe preventive approaches to managing root caries
- Undertake two restorative procedures presenting with root caries

Restoring buccal cavities

- Prepare and restore two buccal cavities (one anterior and 1 posterior tooth) using a sequential approach
- Develop appropriate psychomotor skills in the use of all instruments and manipulation of all restorative materials
- Demonstrate methods to assess the quality of restorations
- Demonstrate on previously restored teeth, how to finish restorations to a high standard

Linking the evidence: Preventative measures in clinical practice

- Define primary, secondary and tertiary prevention in relation to common oral diseases
- Recognize the importance of utilising an evidence based approach to clinical practice in the treatment and prevention of oral disease
- Utilize an evidence based approach towards prevention in adults and children in relation to dental caries and non-carious tooth surface loss, periodontal diseases and oral cancer
- Develop simple strategies to prevent oral and dental diseases including mouth cancer
- Describe the clinical limitations of preventive measures in oral healthcare
- State ways of monitoring clinical outcomes in the provision of preventive care

Restoring occlusal cavities in posterior teeth

- Prepare and restore two occlusal cavities (one lower and one upper tooth) using a sequential approach
- Demonstrate how to use matrices and wedges effectively
- Understand the role of finishing and polishing amalgam restorations
- Develop appropriate psychomotor skills in the use of all instruments and manipulation of all restorative materials

Modification of Cavities for Different Restorative Materials

- Introduce the concept of cavity design in relation to the materials to be used for the restoration
- Describe factors affecting the decisions as to which materials may be suitable in different situations and different oral environments in both adults and children
- Describe the modifications in cavity design necessary for the different plastic restorative materials
- Understand what types of materials may be used to restore teeth
- Choose a material for a caries free cavity and modify the cavity to receive the restoration
- Describe advantages and disadvantages of bevelling

Restoring approximal cavities in posterior teeth 1, 2

- Prepare and restore posterior approximal cavities (lower and upper teeth) using a sequential approach
- Develop appropriate psychomotor skills in the use of all instruments and manipulation of all restorative materials
- Define and describe the term cavo-surface angle

- Explain the concept of internal angles
- Develop an understanding of whether to breach the marginal ridge in caries removal
- Describe the modifications in cavity design necessary for the different plastic restorative materials

Caries Identification & The Role of Radiographs

- Describe how to recognise 'early carious lesions' and the various ways of detecting them
- Discuss the limitations of caries diagnosis
- Describe the clinical indications for a radiographic examination of the dental hard tissues and choice of the most appropriate views
- Discuss the regulations surrounding use of ionising radiation, including Quality Assurance protocols
- Safe radiographic technique.
- Identify key radiographic features in both healthy and diseased teeth
- Relate the radiographic findings to the clinical findings and describe the implications this has for management options

Failure of Restorations and recurrence of disease

- Describe the clinical indications for using auxiliary methods of retention
- Describe a range of methods of increasing retention including the preparation of slots and the use of bonding agents
- Describe the clinical indications for using auxiliary methods of retention.
- Describe the reasons for failure of restorations and discuss when a restoration needs to be replaced
- Consider when and how restorations may be repaired and how to retain large amalgam restorations
- Discuss the aetiology of recurrent caries
- Describe methods of managing the disease process

Linking the evidence: diet and nutrition

- Identify the links between nutrition and oral health
- Describe nutritional factors in tooth development and maintenance
- Identify the role of dietary carbohydrates in the demineralisation process
- Identify factors that determine the cariogenicity of foods
- Describe the relationship between nutrition and periodontal disease and dental caries
- Describe the carious process including the role of sugars in the production of dental caries
- Explore the dietary requirements of groups with a variety of needs and the influence of age, culture and occupation have on diet

Restoring approximal cavities in anterior teeth 1 & 2

- Prepare and restore anterior approximal cavities (upper canine distal; upper central incisor distal; lower lateral incisor mesial; lower canine mesial) using a sequential approach
- Be able to select appropriate shades of composite materials
- Develop appropriate psychomotor skills in the use of all instruments and manipulation of all restorative materials

Restoring approximal and incisal edge cavities in anterior teeth

- Develop a sequential approach to the preparation and restoration of a range of anterior teeth including incisal edge restoration
- Prepare and restore several teeth using this approach
- Develop appropriate psychomotor skills in the use of all instruments and manipulation of all restorative materials

Exam technique and preparation for assessment of clinical skills

- Prepare students for forthcoming assessments by the use of examination techniques and familiarity in assessment processes

Assessment of clinical skills & feedback 1 & 2

- Demonstrate competency in undertaking a range of procedures using the full range of materials available, to a high standard
- Demonstrate a reflective approach to the clinical experience gained to date and identify future learning needs

Investigation and restoration of extensively carious teeth 1 & 2

- Recognise the clinical signs and symptoms of pulpal disease and periapical infection

- Be able to assess the likelihood of pulpal involvement in a cariously exposed tooth
- Manage the exposed pulp in permanent teeth within scope of practice
- Restore two extensively carious teeth selecting materials as appropriate
- Have a detailed understanding of the importance of occlusion in association with restorations

The role of saliva in the caries process- Guided Learning

- Describe the role of saliva in enamel homeostasis and remineralisation of enamel
- Describe the role of dietary carbohydrates in the demineralization of enamel
- Describe and explain the macroscopic and microscopic features of normal and carious enamel and dentine

Operative management of simple toothwear 1 & 2

- Identify the appearance of tooth surface loss and be able to differentiate between the different causes
- Understand the aetiology of the condition and its prevention.
- Develop ability and confidence in treating simple cases of TSL

Developing diagnostic skills.

- Develop diagnostic and therapeutic skills for the prevention and treatment of common oral diseases identified from clinical examination
- Formulate a differential diagnosis based on the findings from the history and examination
- Use problem based thinking to identify the most likely diagnoses
- Consider additional tests to assist in the decision making process such as vitality testing and radiographs
- Incorporate the patients perspective into the decision making process
- Evaluating all treatment results, sharing provisional findings with patients and formulating plans for further investigation and management

Fluoride in Dental Caries Management-Guided Learning

- Describe the cariostatic mechanisms of fluoride
- List the various sources of topical and systemic fluoride and identify the benefits of fluoride
- Appreciate the effect of fluoride on remineralisation and demineralisation of enamel
- Appreciate the effects of water fluoridation on teeth and the outcome of excessive effects
- Discuss the limitations of topical fluoride in preventing caries progression through utilizing an evidenced based approach
- Discuss the toxicity of fluoride with particular reference to dental products
- Assess and identify fluoride needs accurately and be able to apply fluoride to teeth

The evidence for periodontal therapy 1 & 2

- Appreciate the role evidence-based dentistry play in providing patients with optimal care.
- Have knowledge of the 2017 Classification of Periodontal Disease and be able to identify the common periodontal diseases that may be found in general dental practice.
- Develop an understanding of the histopathological features associated with periodontal disease, underpinned by a sound knowledge of the anatomy of the periodontium.
- Be aware of current epidemiology in relation to periodontal diseases.
- Consider the evidence regarding mechanical nonsurgical pocket therapy
- Discuss the relationship that occlusal trauma has to periodontal disease and how this may impact on periodontal treatment outcomes
- Consider the effect of smoking on nonsurgical therapy and periodontal tissues
- Consider contemporary practice of the management of dental implants
- Discuss periodontal evaluation and treatment planning.

Learning and teaching methods

Overview:

The module will combine a number of different teaching approaches. There will be skills-focussed practical sessions, including the use of simulated practice using the dental skills lab. Clinical and reflective log analysis will provide authentic examples to relate theory and practice. In addition, lectures will introduce key concepts. Individual tutorials, as negotiated between student and academic supervisors and experiential learning in practice-based placements with experienced clinical educators, will further enhance teaching and learning.

Lecture/classroom-based:

Lectures by members of the Oral Health Science team, University of Essex, supplemented on occasions by external experts.

Independent study:

Regular guided learning tasks will be set for students using the Moodle virtual learning platform.

Practice-based:

The student will undertake a clinical placement in a relevant clinical environment (Primary care placement) and will be given opportunities to develop their clinical skills, as well as opportunities to demonstrate competence at the learning outcomes specified for the modules work-based assessment.

Technology-Enhanced Learning:

Discussion forums will be utilised for enhancing learning in appropriate topic areas; reading of evidence-based articles will be available

Tutorial/seminar-based:

It is expected that the student will meet with their personal tutor at least twice during the module. Students are encouraged to request further personal tutorials at any stage during the module if they feel this is necessary.

Skills-based and simulated practice:

Clinical skills will be taught using the following model after Miller, 1990

Learning Hierarchy	Level of Learning	Learning/Teaching
4 (The highest)	Action (doing)	Academic dental clinic / Work based learning
3	Performance (show how)	Academic dental clinic / Work based learning
2	Competence (know how)	Skills lab
1 (The lowest)	Knowledge – (knowing)	E.g. Face to face teaching, seminars, e-learning

Other: n/a

Which Programme Outcomes are achieved in this module

The module comprises the following content:

- Dental anatomy and physiology
 - Oral biology & tooth morphology
 - Regional anatomy and physiology linked to patient management
- Clinical Practice
 - Principles of preventive care, including substance misuse
 - Dental Caries
 - History taking & clinical examinations

- Dental radiography
- Clinical decision making for caries management
- Operative management of dental caries
- Dental materials
- Non- carious tooth surface loss
- Periodontal Diseases and the peri-implant interface

Which Regulatory Body Standards are achieved in this module

Mapping to Regulatory Body Standards

- 1.1.2 Describe oral diseases and their relevance to prevention, diagnosis and treatment
- 1.1.4 Explain the aetiology and pathogenesis of oral disease
- 1.1.5 Describe relevant and appropriate dental, oral craniofacial and general anatomy and explain their application to patient management
- 1.1.6 Describe relevant and appropriate physiology and explain its application to patient management
- 1.1.9 Describe the scientific principles underpinning the use of materials and biomaterials and discuss their limitations and selection, with emphasis on those used in dentistry
- 1.1.10 Explain the scientific principles of medical ionizing radiation and statutory regulations
- 1.2.1 Recognise the importance of and carry out an appropriate systematic intra- and extra-oral clinical examination
- 1.2.2 Recognise the importance of and record a comprehensive and contemporaneous patient history
- 1.2.3 Recognise the significance of changes in the patient's reported oral health status and take appropriate action
- 1.2.4 Recognise abnormalities of the oral cavity and the rest of the patient and raise concerns where appropriate
- 1.2.5 Contribute to relevant special investigations and diagnostic procedures, including radiography
- 1.2.6 Assess patients' levels of anxiety, experience and expectations in respect of dental care
- 1.2.7 Discuss the importance of each component of the patient assessment process
- 1.5.2 Obtain valid consent from the patient before starting treatment, explaining all the relevant options and possible costs
- 1.5.3 Plan the delivery of, and carry out, care in the best interests of the patient
- 1.5.4 Identify where patients' needs may differ from the treatment plan and refer patients for advice when and where appropriate
- 1.5.5 Discuss the role of the dental therapist and other members of the dental team in the treatment plan
- 1.7.1 Treat all patients with equality, respect and dignity
- 1.7.2 Explain the impact of medical and psychological conditions in the patient
- 1.7.3 Recognise the need to monitor and review treatment outcomes
- 1.7.4 Manage patient anxiety and pain through effective communication, reassurance and relevant behavioural techniques
- 1.7.5 Manage patient pain through the appropriate use of analgesia
- 1.7.7 Refer to other members of the dental team or other health professionals
- 1.7.8 Recognise the need for and make arrangements for appropriate follow-up care
- 1.7.10 Discuss the role of the dental therapist and other members of the dental team in the patient management process
- 1.8.1 Recognise the risks around the clinical environment and manage these in a safe and efficient manner
- 1.8.2 Implement and perform effective decontamination and infection control procedures according to current guidelines

- 1.8.3** Recognise and take responsibility for the quality of care provided to the patient
- 1.8.4** Take responsibility for ensuring compliance with current best practice guidelines
- 1.8.5** Recognise and manage medical emergencies
- 1.8.6** Explain the importance of and maintain contemporaneous, complete and accurate patient records in accordance with legal requirements and best practice
- 1.9.1** Recognise and manage patients with acute oral conditions ensuring involvement of appropriate dental team members
- 1.10.1** Recognise the responsibilities of the dental team as an access point to and from wider healthcare
- 1.10.2** Provide patients with comprehensive and accurate preventive education and instruction in a manner which encourages self-care and motivation
- 1.10.3** Underpin all patient care with a preventive approach that contributes to the patient's long-term oral health and general health
- 1.10.4** Advise on and apply a range of preventive materials and treatments
- 1.10.5** Assess the results of treatment and provide appropriate aftercare and on-going preventive advice
- 1.10.6** Describe the health risks of diet, drugs and substance misuse, and substances such as tobacco and alcohol on oral and general health and provide appropriate advice, referral and support
- 1.11.1** Assess and manage the health of periodontal and soft tissues taking into account risk and lifestyle factors
- 1.11.2** Explain and take account of the impact of the patient's periodontal and general health on the overall treatment plan and outcomes
- 1.11.3** Undertake non-surgical treatments, under prescription where appropriate, to remove hard and soft deposits and stains using a range of methods
- 1.11.4** Monitor and record changes in periodontal health as necessary using appropriate indices
- 1.11.5** Place temporary dressings and re-cement crowns with a temporary cement
- 1.11.6** Recognise and appropriately manage the complications associated with periodontal therapy
- 1.11.7** Recognise the role of surgical management of periodontal diseases, apply antimicrobials and provide appropriate patient care
- 1.11.8** Describe the risks related to dental implant therapy and manage the health of peri-implant tissues
- 1.14.1** Assess and manage caries, occlusion, and tooth wear, and, where appropriate, restore the dentition using the principle of minimal intervention, maintaining function and aesthetics
- 1.14.2** Restore teeth using a wide range of treatments and materials appropriate to the patient including permanent and temporary direct restorations, maintaining function and aesthetics
- 2.4** Explain evidence-based prevention and apply appropriately
- 3.1** Communicate effectively and sensitively at all times with and about patients, their representatives and the general public and in relation to:
 - patients with anxious or challenging behaviour
 - referring patients to colleagues, particularly where patients are from diverse backgrounds or there are barriers to patient communication
 - difficult circumstances, such as when breaking bad news, and when discussing issues, such as alcohol consumption, smoking or diet
- 3.2** Recognise the importance of non-verbal communication, including listening skills, and barriers to effective communication
- 3.3** Explain and check patients' understanding of treatments, options, costs and valid consent

3.4 Obtain valid consent

4.1 Communicate effectively with colleagues from dental and other healthcare professions in relation to the direct care of individual patients, including oral health promotion

4.3 Give and receive feedback effectively to and from other members of the team

5.1 Communicate effectively and sensitively by spoken, written and electronic methods and maintain and develop these skills

5.2 Explain the importance of and maintain contemporaneous, complete and accurate patient records in accordance with legal requirements and best practice

6.1 Put patients' interests first and act to protect them

6.2 Be honest and act with integrity

6.3 Respect patients' dignity and choices

6.4 Maintain and protect patients' information

6.5 Recognise and respect the patient's perspective and expectations of dental care and the role of the dental team taking into account current equality and diversity legislation, noting that this may differ in England, Scotland, Wales and Northern Ireland

7.1 Be familiar with and act within the GDC's standards and within other professionally relevant laws, ethical guidance and systems

7.2 Recognise and act upon the legal and ethical responsibilities involved in protecting and promoting the health of individual patients

7.3 Act without discrimination and show respect for patients, colleagues and peers and the general public

7.5 Take responsibility for and act to raise concerns about your own or others' health, behaviour or professional performance as described in Standards for the Dental Team, Principle 8. Raise concerns if patients are at risk

8.2 Ensure that any team you are involved in works together to provide appropriate dental care for patients

9.1 Recognise and demonstrate own professional responsibility in the development of self and the rest of the team

9.2 Utilise the provision and receipt of effective feedback in the professional development of self and others

9.4 Develop and maintain professional knowledge and competence and demonstrate commitment to lifelong learning

9.6 Accurately assess own capabilities and limitations in the interest of high quality patient care and seek advice from supervisors or colleagues where appropriate

10.1 Put patients' interests first and act to protect them

10.2 Effectively manage own time and resources

10.3 Recognise the impact of personal behaviour and manage this professionally

10.5 When appropriate act as an advocate for patient needs

10.6 Take responsibility for personal development planning, recording of evidence and reflective practice

11.1 Take a patient-centred approach to working with the dental and wider healthcare team

11.2 Recognise and respect own and others' contribution to the dental and wider healthcare team and demonstrate effective team working

11.3 Recognise and demonstrate personal accountability to the regulator, the team and wider community

11.4 Recognise and comply with the team working requirements in the *Scope of Practice* and *Standards* documents

11.6 Recognise, take responsibility for and act to raise concerns about their own or others' health, behaviour or professional performance as described in Standards for the Dental Team Principle 8

Module Assessment

Assessment(s) for this module

<u>Coursework / exam Description</u>	<u>Coursework weighting</u>
Coursework SAT Final Submission	50%
Coursework OSCE First Submission	50%

Placement Assessments (see below for more detail)

Clinical Logs
Direct Observations of Procedure
Case Based Discussions

Assessment Strategy

Overview

Please see the [HSC Undergraduate OR Postgraduate Handbook](#) for further general information, guidance and support.

Formative

25 x Clinical Logs and associated reflective tracker are carried out during the term to provide supplementary evidence of underpinning knowledge. These are uploaded to the student placement page.

Summative

The summative assessment for the module comprises a SAT, OSCE and a work-based assessment

1. Objective Structured Clinical Examination (OSCE) 1 hour

The student will undertake an OSCE of 1 hour duration comprising of 8 stations; these will assess the student's ability to demonstrate a range of clinical skills to develop competence.

This is a standalone assessment and forms 50% of the final module mark.

This will be held on April 18th.

Results will be released no later than May 17th.

2. Short Answer Test (SAT) 2 hours

4 compulsory questions to be answered

This is a standalone assessment and forms 50% of the final module mark.

This will be held on April 19th.

Results will be released no later than May 20th.

3. Work based assessment

Work-based assessments comprise clinical logs; case based discussions; direct observations of procedure. Additionally students must pass all summative assessments that can be found in the Handbook. These need to be posted onto Moodle and submitted in the portfolio.

Minimum modular pass mark is 60.

How to be successful in this assignment

n/a

Reassessment strategy

The deadline for the resubmission of the failed assessments will be four weeks after the assessment feedback is released. The resubmission deadline will be confirmed when feedback for the first attempt assessment is ready to be released.

Please see the Board of Examiners and Extenuating Circumstances documentation on the 'Information for current students' Moodle page for scheduled Boards. The documents are in the 'Information for all students' section.

<https://moodle.essex.ac.uk/course/view.php?id=7113>

Please also see Rules of Assessment for your programme of study:

<https://www1.essex.ac.uk/students/exams-and-coursework/ppg/ug/default.aspx>

Assessment statement

Confidentiality and Anonymity

Any breaches of confidentiality will be managed through the Academic Offences procedures(<https://www1.essex.ac.uk/students/exams-and-coursework/academic-offences.aspx>) (If you are unclear about how to manage an aspect of confidentiality please contact the Module Lead who will advise you, before you submit your work.

Plagiarism And Other Academic Offences

The work you submit for assessment must be your original work. It will be subjected to electronic screening which helps to detect similarity with other published and unpublished works. If you are uncertain what plagiarism is please read the information provided on the [Moodle page on Academic Integrity, Authorship and Plagiarism](#) – and in the relevant Undergraduate or Postgraduate Student Handbook. If you are still uncertain, please speak to your tutor. There are a variety of other academic offences (forms of cheating) which it is important to avoid, such as re-using work you previously submitted for another assignment without full acknowledgement or falsifying data or evidence. Further details can be found on the **University's webpage**: <https://www1.essex.ac.uk/students/exams-and-coursework/academic-offences.aspx>

If you are experiencing any difficulties in completion of your work, you should speak with your Personal Tutor or Programme Administrator. The School operates a policy of [Extenuating Lateness and Extenuating Circumstances](#) procedures which are available should you experience personal circumstances that affect your performance in assessment.

Learning Resources

- Please refer to University of Essex Library referencing guidelines:

<http://libwww.essex.ac.uk/referencing.htm>

- Each Module should have an identified **Talis Reading List** which will identify essential Module Reading. The link for this is available on Moodle.
- The School has identified Health & Social Care Librarians at both Colchester and Southend Campuses. Details can be found at: <https://library.essex.ac.uk/hsc>

