Training in Dental Fluoride Varnish Application: Intended Learning Outcomes

The following syllabus is designed to provide Dental Nurses with the educational experience, including the knowledge, critical understanding, intellectual skills, practical skills and personal attitude to enable them to provide effective Fluoride varnish application within a community-based programme and / or on the prescription of a dentist.

	On successful completion of the programme, dental nurses should be able to:	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
Knowledge and critical understanding	understand the fundamentals of oral health promotion understand the role and limitations of dental fluoride varnish application. understand the importance of ensuring appropriate patient safeguards are in place including how the training of personnel is assured, the need for appropriate referrals ,the completion of consent forms and medical history forms, the arrangements for post application information and when there is a requirement for a Patient Group Directive.	CBL SDL ST	ROC	6P16
Intellectual skills	support their own learning and that of others to make specific clinical judgements prior to applying Fluoride varnish	CBL SDL ST	ROC	4P13 4P12
Practical skills	safely and effectively apply fluoride varnish to a range of patients within the current legal and ethical framework communicate effective advice on diet, plaque control and Fluoride use to a range of patients	CA CBL SDL ST	ROC	2K4 2K5 2K6
Personal attitude	empathise with patients, parents, carers and colleagues with different social and cultural backgrounds and with different care needs be prepared to communicate effectively with patients, parents, carers and colleagues with different social and cultural backgrounds and with different care needs	CA CBL SDL ST	ROC	6P16

Key: **Teaching and Learning methods**

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Assessment methods

ROC=Record of Competence incorporating Multi-source feedback, Personal development portfolio and/or Workplace-based assessment

1. MAINTAINING GOOD CLINICAL PRACTICE

Each learning outcome should be prefaced by: 'On completion of training the dental nurse…'

Subject	Knowledge *…..should be able to describe:*	Skills *…..should be able to:*	Attitudes and Behaviours *…..should:*	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
1.1 Professional approach	the requirements of a dental nurse effectively applying Fluoride varnish the different models of working as part of a team	confidently provide contemporary and effective oral health advice and Fluoride application	behave in a professional manner	7.2.1 7.2.2 7.2.3	CBL SDL ST	ROC	1P18
1.2 Life-long learning	the requirements for continuing professional development	recognise and take advantage of learning opportunities for all members of the oral health care team maintain a personal development portfolio monitor own performance through team audit and feedback	comply with General Dental Council requirements for revalidation	7.3.1 7.3.2	CBL SDL ST	ROC SO:6 SO: 7	4P12
1.3 Evidence	the principles of evidence-based practice	apply within the team evidence and recommendations of best practice provide constructive feedback within their clinical team	use evidence in support of patient care and to defend decisions taken	7.1.1 7.2.2	CBL SDL ST	ROC	2K4 2K5 2K6

Subject	Knowledge	Skills	Attitudes and Behaviours	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
	…..should be able to describe:	…..should be able to:	…..should:				
1.4 Written records	the principles and guidelines for good clinical note keeping the reasons for confidentiality	communicate effectively through written records apply the principles of confidentiality in the context of written records	take account of confidentiality requirements and legal requirements relating to written, electronic and digital records, and their transport and storage	4.1.1 4.1.2 4.1.3 4.1.4 4.1.5 4.2.1	CBL ST	ROC	31K 3K15 3K17 3K18 3K19 3K30 3K31
1.5 Use of information technology	the principles of retrieval and utilisation of data recorded in clinical systems	apply the principles of confidentiality in the context of information technology	take account of the legal aspects relating to holding electronic and digital records demonstrate a positive and proactive attitude to new technology	4.5.3	SDL ST	ROC	6P15
1.6 Organisational framework for clinical governance	the elements of clinical governance	participate actively in clinical governance participate in audit	recognise the importance of teamwork in implementing a clinical governance framework		SDL ST	ROC	1P8 1P9 1P20
1.7 Guidelines	the content of guidelines applicable to the practice and delivery of Fluoride application including: 　-Delivering Better Oral Health (current) 　-Scope of practice	apply guidelines applicable to the practice and delivery of Fluoride application including: 　-Delivering Better Oral Health (current) 　-Scope of practice	show regard for individual patient needs when utilising guidelines	6.3.1 6.3.3	CBL SDL ST	ROC SO: 3	

Subject	Knowledge …..should be able to describe:	Skills …..should be able to:	Attitudes and Behaviours …..should:	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
1.8 **Relevance of outside bodies**	the role of: - General Dental Council - Department of Health - National Examining Board for Dental Nurses - specialist societies - defence societies - patient advisory groups - consultants / specialists in dental public health	communicate with and involve these bodies in appropriate situations	demonstrate acceptance of professional regulation share best practice participate in peer review		SDL ST	ROC	1P18

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2. HEALTH PROMOTION AND DISEASE PREVENTION

Each learning outcome should be prefaced by: 'On completion of training the dental nurse…'

Subject	Knowledge …..should be able to describe:	Skills …..should be able to:	Attitudes and Behaviours …..should:	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
2.1 Principles of Oral Health Promotion	the principles of health promotion, including oral health promotion, primary and public dental health importance of clinical and community-based prevention the local and wider social, cultural and environmental factors which contribute to health or illness the structures of the primary and public health services locally and within the UK population targeted approaches to caries prevention the prevalence of certain dental conditions locally and within the UK	apply the principles of health promotion, including oral health promotion, primary and public dental health contribute to population targeted approaches to caries prevention	demonstrate a willingness to use this knowledge in the provision of oral health advice to all patient groups	1.4.2 6.4.1 6.4.2 7.1.1	ST CBL SDL	ROC SO:3	2K4 2K5 2K6 2K7 6P16 2K2 2K9 2K10 2K11 5K5 5K10 5K11 6K27 6K28 2P2 2P3 2P4 2P5 2P6 2P7 2P8 2P9
2.2 Dental caries	the various methods of prevention of caries including dietary advice, use of Fluoride and plaque control the clinical presentation of caries the aetiology, and pathogenesis of caries trends in caries prevalence	competently provide instruction to patients in the various methods of prevention of caries including dietary advice, use of fluoride and plaque control recognise the clinical presentation of caries	demonstrate a willingness to provide current, evidenced based advice on caries prevention		ST CBL SDL	ROC	

Subject	Knowledge …..*should be able to describe:*	Skills …..*should be able to:*	Attitudes and Behaviours …..*should:*	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
2.3 Oral hard and soft tissue conditions	oral soft tissue conditions, which if present, contraindicate the use of Fluoride varnish gross caries involving pulpal tissue common soft tissue lesions the aging dentition	recognise oral soft tissue conditions, which if present, contraindicate the use of Fluoride varnish recognise gross caries involving pulpal tissue identify but not diagnose common soft tissue lesions	appreciate the need to conduct a survey of the oral hard and soft tissues prior to Fluoride application		ST CBL SDL	ROC	
2.4 Fluoride	the theories and evidence relating to the method of action of fluorides the maximum safe dose of fluoride varnish the way in which fluoride varnish will be used in accordance with the application protocol how to deal with an acute overdose of fluoride varnish the regulations relating to the prescription of fluoride Varnish the role and responsibilities of the extended duties dental nurse in the application of fluoride varnish	describe the theories and evidence relating to the method of action of fluorides to a range of patients work within the maximum safe dose of fluoride varnish for each patient apply fluoride varnish in accordance with the fluoride application protocol deal with an acute overdose of fluoride varnish advise others how to deal with an acute overdose of fluoride varnish work to a prescription for Fluoride varnish application	demonstrate a willingness to use this knowledge to provide safe and effective Fluoride application		ST CBL SDL	ROC SO:3	

Subject	Knowledge …..should be able to describe:	Skills …..should be able to:	Attitudes and Behaviours …..should:	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS

2.5 Community-based Fluoride application programmes	the content of a typical Fluoride application programme protocol
	
	the equipment required for delivery of a community Fluoride programme
	
	the suitability of a space for the delivery of a Fluoride application programme
	
	methods of approaching and contacting potential recipients and parents or guardians
	
	the requirements of pre- and post-application information
	
	methods of gaining valid, written consent and the recording of this
	
	the assessment of relevant medical history / allergies for a Fluoride application programme
	
	methods of recording of application and other advice or intervention, adverse incidents
		support the planning and delivery of a community Fluoride programme in relation to:
		  -equipment required
		  -assessment of spaces for delivery
		  -approaching and contacting potential recipients and parents or guardians
		  -providing pre- and post-application information
		  - gain valid, written consent and the record this
		  - the assessment of relevant medical history / allergies
		  - recording of application and other advice or intervention, adverse incidents
			Demonstrate a positive approach to the implementation, management and delivery of community Fluoride varnish application programmes	6.2.2	CA
					SDL
					ST
						ROC
						SO: 4
						SO: 5	

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3. Patient Management

Each learning outcome should be prefaced by: 'On completion of training the dental nurse...'

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				1.2.4	ST CBL SDL	ROC SO:5	6K35 7K19 8K7

3.1 Patient management	the principles of good patient management
	
	principles for managing fear and anxiety with behavioural techniques and empathise with patients in stressful situations
	
	the clinical issues in treating patients to include:
	  -moisture control
	  -physical issues
	  -communication issues
	especially relating to the young, elderly, and those with disabilities
	
	the non-clinical issues in treating patients to include:
	  -behavioural,
	  -emotional,
	  -unpredictability
	especially relating to the young, elderly, and those with disabilities
	
	relevant issues relating to the management of patients with special care needs
	
	the legal issues relating to restraint
		provide good patient management
		
		manage fear and anxiety with behavioural techniques and empathise with patients in stressful situations
		
		manage the clinical issues in treating patients to include:
		  -moisture control
		  -physical issues
		  -communication issues
		especially relating to the young, elderly, and those with disabilities
		
		manage the non-clinical issues in treating patients to include:
		  -behavioural,
		  -emotional,
		  -unpredictability
		especially relating to the young, elderly, and those with disabilities
		
		work within the legal issues relating to restraint
		
		deal with parents / guardians
			demonstrate a willingness to manage all patients to the best of their abilities
			
			empathise with patients with anxiety or special care needs and the families / carers of these and all patients
			
			be able to remain calm and work safely and sensibly when things go wrong				

Subject	Knowledge .....should be able to describe:	Skills .....should be able to:	Attitudes and Behaviours .....should:	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
		manage and organise groups of children within a community-based Fluoride varnish programme					
3.2 Legal issues and ethics	the reasons and requirements for full, accurate clinical records the process for checking obtained valid consent, relevant medical history responsibilities of consent, duty of care and confidentiality the law as it applies to data protection child protection issues and be familiar with the mechanisms for raising concerns relating to particular child protection issues patients' rights and how to handle complaints the legal aspects of handling prescription drugs	maintain full, accurate clinical records check consent, relevant medical history and act accordingly should any concerns be raised raise concerns relating to particular child protection issues handle and apply prescription drugs within the UK legal framework	appreciate the need to practice in the best interests of the patient at all times		ST CBL SDL	ROC SO:5	2K13 2K18 2K19 2K2

Subject	Knowledge .....should be able to describe:	Skills .....should be able to:	Attitudes and Behaviours .....should:	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
3.3 Health, safety and infection control	the requirements of infection control and prevention of physical, chemical and microbiological contamination in the clinical environment ways of working in the clinical environment in the most safe and efficient manner for all patients and staff health and safety legislation as it affects dental practice risk assessment procedures	implement and perform satisfactory infection control and preventing physical, chemical and microbiological contamination in the clinical environment work within the clinical environment in the most safe and efficient manner for all patients and staff apply risk assessment procedures	Demonstrate a willingness to work within current UK health and safety legislation as it applies to clinical dental practice	8.1.1 8.3.3	ST CBL SDL	ROC	1K2 1K2 1K3 1K21 4K22 4K24 4K25 5K23 5K24 5K26

Subject	Knowledge …..should be able to describe:	Skills …..should be able to:	Attitudes and Behaviours …..should:	GDC Standards	Teaching and Learning method(s)	Assessment method(s)	Ref NOS
3.4 Medical emergencies	current basic life support techniques including AED common medical emergencies and their immediate management: -anaphylactic reaction -hypoglycaemia -upper respiratory obstruction -cardiac arrest, -epileptic seizures -vasovagal attack, -inhalation or ingestion of foreign bodies	carrying out effective basic life support techniques including AED identify medical emergencies and provide immediate management of -anaphylactic reaction -hypoglycaemia -upper respiratory obstruction -cardiac arrest, -epileptic seizures -vasovagal attack, -inhalation or ingestion of foreign bodies Provide basic first aid	demonstrate a willingness to apply life support skills if required	1.5.3	ST SDL	ROC SO:1 SO:2	3K29 2K15 5k31 8K24
3.5 Communication	methods of communication with: -patients -their relatives, carers or guardians -members of the dental team -other healthcare professionals	Communicate effectively with: -patients -their relatives, carers or guardians -members of the dental team - other healthcare professionals	Demonstrate a commitment to effective communication	2.1.1 2.1.2 2.2.1 2.2.2 2.2.3 2.3.1 2.3.2 2.3.3 2.3.4 2.3.5	ST CBL SDL	foo ROC	6P16 2P2 2P3 2P4 2P5 2P6 2P7 2P8 2P9

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Version Control Table:

Version Number	Purpose/Change	Author	Date