# **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	understand the fundamentals of oral health promotion	CBL	B00	6P16
critical understanding	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.	SDL ST	ROC	
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

CA = Clinical attachment, CBL= Case-based learning, SDL=Self-directed learning, ST=Structured teaching

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

# **Key:** Teaching and Learning methods

CA = Clinical attachment, CBL= Case-based learning, SDL=Self-directed learning, ST=Structured teaching

#### **Assessment methods**

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

# 2. HEALTH PROMOTION AND DISEASE PREVENTION

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

Subject	Knowledge	Skills	Attitudes and Behaviours	GDC Standards	Teaching and	Assessment method(s)	Ref NOS
	should be able to describe:	should be able to:	should:		Learning method(s)		
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
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	2P9

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

### **Key:** Teaching and Learning methods

CA = Clinical attachment, CBL= Case-based learning, SDL=Self-directed learning, ST=Structured teaching

#### **Assessment methods**

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

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

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

3.1				1.2.4			CV2E
	About the state of a solutions		dana anakaraka a willim mana aka mana ana ali	1.2.4	CT.		6K35
Patient	the principles of good patient	provide good patient	demonstrate a willingness to manage all		ST	DOC	7K19
management	management	management	patients to the best of their abilities		CBL	ROC	8K7
					SDL	SO:5	
	principles for managing fear and	manage fear and	empathise with patients with anxiety or				
	anxiety with behavioural techniques	anxiety with	special care needs and the families /				
	and empathise with patients in	behavioural	carers of these and all patients				
	stressful situations	techniques and					
		empathise with	be able to remain calm and work safely				
	the clinical issues in treating	patients in stressful	and sensibly when things go wrong				
	patients to include:	situations					
	-moisture control						
	-physical issues	manage the clinical					
	-communication issues	issues in treating					
	especially relating to the young,	patients to include:					
	elderly, and those with disabilities	-moisture control					
		-physical issues					
	the non-clinical issues in treating	-communication					
	patients to include:	issues					
	-behavioural,	especially relating to					
	-emotional,	the young, elderly,					
	-unpredictability	and those with					
	especially relating to the young,	disabilities					
	elderly, and those with disabilities						
		manage the non-					
	relevant issues relating to the	clinical issues in					
	management of patients with	treating patients to					
	special care needs	include:					
		-behavioural,					
	the legal issues relating to restraint	-emotional,					
		-unpredictability					
		especially relating to					
		the young, elderly,					
		and those with					
		disabilities					
		work within the legal					
		issues relating to					
		restraint					
		deal with parents /					
		guardians					

Subject	Knowledge	Skills	Attitudes and Behaviours	GDC	Teaching	Assessment	Ref NOS
				Standards	and	method(s)	
	should be able to describe:	should be able	should:		Learning		
		to:			method(s)		
		manage and					
		organise groups of					
		children within a					
		community-based					
		Fluoride varnish					
		programme					
2.2							21/4.2
3.2	the reasons and requirements for	maintain full,	appreciate the need to practice in the		ST		2K13 2K18
Legal issues and	full, accurate clinical records	accurate clinical	best interests of the patient at all times		CBL	ROC	2K16 2K19
ethics	run, accurace chinical records	records	best interests of the patient at an times		SDL	SO:5	2K13
	the process for checking obtained	records			352	30.3	ZILZ
	valid consent, relevant medical	check consent,					
	history	relevant medical					
	·	history and act					
	responsibilities of consent, duty of	accordingly should					
	care and confidentiality	any concerns be					
		raised					
	the law as it applies to data						
	protection	raise concerns					
	child protection issues and be familiar with the mechanisms for	relating to particular child protection					
	raising concerns relating to	issues					
	particular child protection issues	133463					
	particular crima protection issues	handle and apply					
	patients' rights and how to handle	prescription drugs					
	complaints	within the UK legal					
	·	framework					
	the legal aspects of handling						
	prescription drugs						

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

Subject	Knowledgeshould be able to describe:	Skillsshould be able to:	Attitudes and Behavioursshould:	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

Key: Teaching and Learning methods

CA = Clinical attachment, CBL= Case-based learning, SDL=Self-directed learning, ST=Structured teaching

**Assessment methods** 

# **Version Control Table:**

Version Number	Purpose/Change	Author	Date