

Supplementary Information: full list of articles included in the literature review

Study number	Authors	Title of article	Source	Year
#1	Kenny KP, Alkazame AM & Day PF	The effect of viewing video clips of paediatric local anaesthetic administration on the confidence of undergraduate dental students	Eur J Dent Educ	2018
#2	Davies BR, Leung AN, Dillon J & Blum IR	Bespoke video vignettes-an approach to enhancing reflective learning developed by dental undergraduates and their clinical teachers	Eur J Dent Educ	2017
#3	Bains M, Reynolds PA, McDonald F & Sherriff M	Effectiveness and acceptability of face-to-face, blended and e-learning: a randomised trial of orthodontic undergraduates	Eur J Dent Educ	2011
#4	Crothers AJ, Bagg J & McKerlie	The Flipped Classroom for pre-clinical dental skills teaching- a reflective commentary	Br Dent J	2017
#5	Lone M, McKenna JP, Cryan JF, Vagg T, Toulouse A & Downer EJ	Evaluation of an animation tool developed to supplement dental student study of the cranial nerves	Eur J Dent Educ	2018
#6	Plessas A	Computerized Virtual Reality Simulation in Preclinical Dentistry: can a Computerized Simulator Replace the Conventional Phantom Heads and Human Instruction?	Simul Healthc	2017
#7	Shahari-Rad A, Cox M, & Woolford M	Clinical Skills Acquisition: Rethinking Assessment Using a Virtual Haptic Simulator	Technol Knowl Learn	2017
#8	Al-Saud LM, Mushtaq F, Allsop MJ, Culmer PC,	Feedback and motor skill acquisition using a haptic dental simulator	Eur J Dent Educ	2017

	Mirghani I, Yates E et al			
#9	Durham JA, Brettell S, Summerside C, McHanwell S	Evaluation of a virtual anatomy course for clinical undergraduates	Eur J Dent Educ	2009
#10	San Diego JP, Cox MJ, Quinn BFA, Newton JT, Banerjee A, Woolford M	Researching haptics in higher education: the complexity of developing haptic learning systems and evaluating its impact on students learning	Comput Educ	2012
#11	Martin N, Fairclough A, Smith M, Ellis L	Factors influencing the quality of undergraduate clinical restorative dentistry in the UK and ROI:views from heads of units	Br Dent J	2010
# 12	Heasman PA, Witter J, Preshaw PM	Periodontology in the undergraduate curriculum in UK dental schools	Br Dent J	2015
#13	Clark RKF, Radford DR, Juszczuk AS	Current trends in removable partial denture teaching in British dental schools	Br Dent J	2011
# 14	Lone M, McKenna JP, Cryan JF, Downer EJ &Toulouse A	A survey of tooth morphology teaching methods employed in the United Kingdom and Ireland	Eur J Dent Educ	2018
#15	Ali K, McArthy A, Robbins J, Heffernan E, Coombes L	Management of impacted wisdom teeth:teaching of undergraduate students in UK dental schools	Eur J Dent Educ	2014

#16	Maccluskey M, Durham J	Oral surgery undergraduate teaching and experience in the United Kingdom: a national survey	Eur J Dent Educ	2009
#17	Lynch CD, Singhrao H, Addy LD, Gilmour ASM	The teaching of fixed partial dentures in undergraduate dental schools in Ireland and the United Kingdom	J Oral Rehabil	2010
#18	Addy LD, Lynch CD, Locke M, Watts A, Gilmour ASM	The teaching of implant dentistry in undergraduate dental schools in the United Kingdom and Ireland	Br Dent J	2008
#19	Blum IR, O'Sullivan DJ, Jagger DC	A survey of undergraduate education in dental implantology in UK dental schools	Eur J Dent Educ	2008
#20	Coelho C, Pooler J, Lloyd H	Using patients as educators for communication skills: exploring dental students' and patients' views	Eur J Dent Educ	2017
#21	Himida T, Nanjappa S, Yuan S, Freeman R	Dental students' perceptions of learning communication skills in a forum theatre-style teaching session on breaking bad news	Eur J Dent Educ	2018
#22	Abu Eid R, Ewan K, Foley J, Oweis Y, Jayasinghe J	Self-directed study and carving tooth models for learning tooth morphology: perceptions of students at the University of Aberdeen, Scotland	J Dent Educ	2013
#23	Hanson C, Wilkinson T, Macluskey M	Do dental undergraduates think that Thiel-embalmed cadavers are a more realistic model for teaching exodontia?	Eur J Dent Educ	2018
#24	Ali K, Heffernan E, Lambe P, Coombes	Use of peer assessment in tooth extraction competency	Eur J Dent Educ	2014

#25	McKerlie RA, Cameron DA, Sherriff A, Bovill C	Student Perceptions of syndicate learning: tutor-less group work within an undergraduate dental curriculum	Eur J Dent Educ	2011
#26	Tricio J, Woolford M, Thomas M, Lewis-Greene H, Georghiou L, Andiappan M et al	Dental students' peer assessment: a prospective pilot study	Eur J Dent Educ	2015
#27	Craddock HL	An Evaluation of student, patient and practitioner experience of general dental practice placements	Br Dent J	2011
#28	Lynch CD, Ash PJ & Chadwick BL	Student perspectives and opinions on their experience at an undergraduate outreach dental teaching centre at Cardiff: a 5-year study	Eur J Dent Educ	2010
#29	Smith M, Lennon MA, Robinson PG	Students' clinical experience on outreach placements	Eur J Dent Educ	2010
#30	Sweet J, Pugsley L, Wilson J	Stakeholder perceptions of chairside teaching and learning in one UK dental school	Br Dent J	2008
#31	Sweet J, Wilson J, Pugsley L	Chairside teaching and the perceptions of dental teachers in the UK	Br Dent J	2008
#32	Wilson J, Sweet J, Pugsley L	Developmental guidelines for good chairside teaching-a consensus report from two conferences	Eur J Dent Educ	2015
#33	Scally KJ, Wilson KE, Girdler NM	A study of dental students' clinical knowledge acquisition and experiences in conscious sedation	Br Dent J	2015

#34	Foley JI, Richardson GL, Drummie J	Agreement among dental students, peer assessors and tutor in assessing students' competence in Preclinical skills	J Dent Educ	2015
#35	San Diego JP, Newton T, Quinn BFa, Cox MJ, Woolford MJ	Levels of agreement between student and staff assessments of clinical skills in performing cavity preparation in artificial teeth	Eur J Dent Educ	2014
#36	Davies B, Leung A, Dunne S	So how do you see our teaching? Some observations received from past and present students at the Maurice Wohl Dental Centre	Eur J Dent Educ	2012
#37	Mirghani I, Mushtaq F, Allsop MJ, Al-Saud LM, Tickhill N. Potter C et al	Capturing differences in dental training using a virtual reality simulator	Eur J dent Educ	2018
#38	Barbour M	Electronic voting in Dental Materials Education: the impact on students' attitudes and exam performance	J Dent Educ	2008
#39	Holland c	What role do alternative realities play in educating dentists?	Br Dent J	2018
#40	Robb N, Leitch J, O'Brian C, Walker P	Pre-doctoral teaching in IV conscious sedation: ten years at Glasgow Dental school	J Dent Educ	2013
#41	Cox M, Quinn B, Shahriari-Rad A, Woolford M, San Diego J, Butchers C et al	An investigation into the teaching of Injection Procedures in Dental Education and other Clinical skills Programmes using a Virtual Haptic simulator	40 <sup>th</sup> annual conference of the Association for Dental education in Europe (Riga)	2014

#42	Vernazza C, Durham J, Ellis J, Teasdale D, Cotterill S, Scott L et al	Introduction of an e-portfolio in clinical dentistry: staff and student views	Eur J Dent Educ	2011
#43	Eaton KA, Reynolds Pa, Grayden SK, Wilson NHF	A vision of dental education in the third millenium	Br Dent J	2008
#44	Reynolds PA, Mason R, Eaton KA	Remember the days in the old school yard: from lectures to online learning	Br Dent J	2008
#45	Feeney L, Reynolds PA, Harper J	A description of the new technologies used in transforming dental education	Br Dent J	2008
#46	Puryer J, Woods K, Terry J, Sandy J, Ireland AJ	The confidence of undergraduate dental students when carrying out prosthodontic treatment and their perception of the quality of prosthodontic education	Eur J Dent Educ	2018
#47	Neville P	Introducing dental students to reflective practice: a dental educator's reflections	Reflective Pract	2018
#48	Bush H, Bissell V	The evaluation of an approach to reflective learning in the undergraduate dental curriculum	Eur J Dent Educ	2008
#49	Field JC, Zhang E, Milke V, McCance S, Worts C, Stone SJ et al	Patterns of verbal interaction and student satisfaction within a clinical setting: A video- enhanced observational study	Eur J Dent Educ	2018
#50	Davey J, Bryant ST, Dummer PMH	The confidence of undergraduate dental students when performing root canal treatment	Eur J Dent Educ	2015

		and their perception of the quality of endodontic education		
#51	Gilmour ASM, Welply A, Cowpe JG, Bullock AD, Jones RJ	The undergraduate perception of dentists: confidence levels of final year dental students at the School of Dentistry in Cardiff	Br Dent J	2016
#52	Macluskey M, Durham J, Bell A, Cowpe J, Crean St J, Dargue A et al	National survey of UK final year students' opinion of undergraduate oral surgery teaching	Eur J Dent Educ	2011
#53	Craddock HL, Carry JA, Kelly S	Integrated teaching of basic and clinical sciences in anxiety and pain management	Eur J Dent Educ	2009
#54	Lynch CD, Ash PJ, Chadwick BL	Current trends in community-Based clinical teaching programs in U.K. and Ireland Dental Schools	J Dent Educ	2012
#55	Radford DR, Holmes S, Woolford MJ, Dunne SM	The impact of integrated team care taught using a live NHS contract on the educational experience of final year dental students	Br Dent J	2014
#56	Radford DR, Hellyer P	Dental students' perceptions of their experience at a residential outreach centre	Br Dent J	2015
#57	Radford DR, Hellyer P	Empowerment in a model of outreach undergraduate dental education	Br Dent J	2017