

SI Table 1: Respondent self-reported confidence in a selection of Level 2 competencies

Specialty Type	Specialty Specific Competency	Confident				Neutral				Unconfident			
		All respondents (%) n=124	Pre-2010 graduation respondents (%) n=61	Post-2010 graduation respondents (%) n=63	P value	All respondents (%) n=124	Pre-2010 graduation respondents (%) n=61	Post-2010 graduation respondents (%) n=63	P value	All respondents (%) n=124	Pre-2010 graduation respondents (%) n=61	Post-2010 graduation respondents (%) n=63	P value
Paediatric Dentistry Management of patients with...	Routine oral health surveillance/ treatment where psychological development, significant anxiety, medical co-morbidity, or disability increases complexity of care delivery	49	48	51	NS	31	34	27	NS	20	18	22	NS
	Hard-tissue defects of the developing dentition	48	46	49	NS	33	34	32	NS	19	20	19	NS

Periodontology Management of patients who...	Following primary care periodontal therapy have stage II, III or IV periodontitis	55	54	55	NS	24	16	32	NS	21	30	13	NS
	Have grade C periodontitis	35	38	32	NS	28	24	32	NS	37	38	36	NS
Oral Surgery Management involving:	Surgical removal of buried roots and fractured or residual root fragment	52	59	46	NS	20	18	22	NS	28	23	32	NS
	Surgical removal of uncomplicated third molars involving bone removal	33	34	32	NS	16	16	16	NS	51	50	52	NS
Prosthodontics Management involving...	Replacement and temporisation of multiple fixed restorations	40	52	29	<0.05	24	21	27	NS	36	27	44	<0.05
	Pre-prosthetic procedures such as optimisation of abutments and occlusal adjustment	39	52	25	<0.05	24	20	29	NS	37	28	46	<0.05

Special Care Dentistry	ASA 3 moderately controlled medical condition(s)	40	38	41	NS	24	20	29	NS	36	42	30	NS
	Management of patients who have... A disability, psychological or mental health state that means only limited examination is possible	34	30	38	NS	30	28	32	NS	36	42	30	NS
Endodontics	Management involving... Anatomical challenges such as root canal curvature >30° and root length >25mm	30	44	16	<0.05	20	13	27	<0.05	50	43	57	NS
	Incomplete root development	17	18	16	NS	16	21	11	NS	67	61	73	NS
Orthodontics	Prescribing... Removable appliances for the developing dentition requiring straightforward interceptive measures	19	25	13	NS	12	18	6	<0.05	69	57	81	<0.05

	Removable appliances in patients without skeletal discrepancies	17	23	11	<0.05	9	13	5	NS	74	64	84	NS
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NS: Not Significant; the difference is not statistically significant

SI Table 2: Respondent self-reported confidence in all Level 2 competencies by year of graduation

Specialty Type	Specialty Specific Competency	Confident				Neutral				Unconfident			
		All respondents (%) n=124	Pre-2010 graduation respondents (%) n=61	Post-2010 graduation respondents (%) n=63	P value	All respondents (%) n=124	Pre-2010 graduation respondents (%) n=61	Post-2010 graduation respondents (%) n=63	P value	All respondents (%) n=124	Pre-2010 graduation respondents (%) n=61	Post-2010 graduation respondents (%) n=63	P value
Paediatric Dentistry Management of patients with...	Routine oral health surveillance/treatment needs where psychological development, significant anxiety, medical comorbidity, or disability increases complexity of care delivery	49	48	51	NS	31	34	27	NS	20	18	22	NS
	Hard-tissue defects of the developing dentition	48	46	49	NS	33	34	32	NS	19	20	19	NS
	Post-emergency follow-up of permanent multi-tooth injuries (including avulsion, significant luxation injuries)	46	49	43	NS	19	18	19	NS	35	33	38	NS

	Complicated crown fracture and uncomplicated crown/root fractures of permanent teeth	41	52	30	<0.05	31	20	41	<0.05	28	28	29	NS
Periodontology Management of patients who...	Following primary care periodontal therapy have stage II, III or IV periodontitis	55	54	55	NS	24	16	32	NS	21	30	13	NS
	Grade C periodontitis	35	38	32	NS	28	24	32	NS	37	38	36	NS
	Non-surgical management of gingival enlargement in collaboration with medical colleagues	30	33	27	NS	21	20	22	NS	49	47	51	NS
	Furcation defects and other complex root morphology	28	33	24	NS	26	20	32	NS	46	47	44	NS
	Peri-implant mucositis	15	21	10	<0.05	10	12	10	NS	74	67	80	NS
Oral Surgery Management involving...	Surgical removal of buried roots and fractured or residual root fragment	52	59	46	NS	20	18	22	NS	28	23	32	NS

	Surgical removal of uncomplated third molars involving bone removal	33	34	32	NS	16	16	16	NS	51	50	52	NS
	Minor soft tissue surgery to remove non-suspicious lesions	27	21	32	NS	15	17	14	NS	58	62	54	NS
	Surgical removal or surgical exposure of uncomplated ectopic teeth (including supernumerary teeth)	15	20	11	NS	13	15	11	NS	72	65	78	NS
	Surgical endodontics	9	13	5	NS	12	17	8	NS	79	70	87	NS
Prosthodontics Management of...	Replacement and temporisation of multiple fixed restorations	40	52	29	<0.05	24	21	27	NS	36	27	44	<0.05
	Pre-prosthetic procedures such as optimisation of abutments and occlusal adjustment	39	52	25	<0.05	24	20	29	NS	37	28	46	<0.05

	Occlusal reorganisation with plastic restorations, a removable appliance or both	32	48	17	<0.05	18	16	19	NS	50	36	64	<0.05
	Where aspects of occlusion need careful management to avoid premature failure of restorations	23	36	9	<0.05	19	15	24	<0.05	58	49	67	<0.05
	Where there are anatomical difficulties related to +/- or compromised health of soft tissues/denture bearing area	18	30	6	<0.05	33	31	35	NS	49	39	59	<0.05
Special Care Dentistry Management of patients who have...	ASA 3 moderately controlled medical condition(s)	40	38	41	NS	24	20	29	NS	36	42	30	NS
	A disability, psychological or mental health state that means only limited	34	30	38	NS	30	28	32	NS	36	42	30	NS

	examination is possible												
	Advanced anxiety and behaviour modification techniques	32	31	33	NS	25	25	26	NS	43	44	41	NS
	Doubtful or fluctuating capacity to consent	30	33	41	NS	28	18	29	NS	42	49	30	<0.05
	Significant communication difficulties	27	22	30	NS	23	30	18	NS	50	48	52	NS
Endodontics Management involving...	Anatomical challenges such as root canal curvature >30° and root length >25mm	30	44	16	<0.05	20	13	27	<0.05	50	43	57	NS
	Incomplete root development	17	18	16	NS	16	21	11	NS	67	61	73	NS
	Location and negotiation of canals not considered negotiable in the coronal 1/3 based on radiographic and clinical evidence	18	28	8	<0.05	25	23	27	NS	57	49	65	NS

	Need for re-root treatment involving removal of well condensed root fillings	27	33	21	NS	24	28	21	NS	49	39	58	NS
	Location and negotiation of canals where another dentist has attempted but experienced problems with location, instrumentation or obturation	16	20	13	NS	20	21	19	NS	64	59	68	NS
Orthodontics Prescribing...	Removable appliances for the developing dentition requiring straightforward and interceptive measures	19	25	13	NS	12	18	6	<0.05	69	57	81	<0.05
	Removable appliances in patients without skeletal discrepancies	17	23	11	<0.05	9	13	5	NS	74	64	84	NS

	Non-complex fixed appliance alignment in patients without skeletal discrepancies or significant anchorage demands	15	25	5	<0.05	5	5	6	NS	80	70	89	NS
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