Table S1. Changes in personal protective equipment and hygiene practices before and after the educational intervention.

	Educational intervention								Mann-Whitney p-value
	pre				pos				
	M	SD	Mdn	Range	M	SD	Mdn	Range	
Do you wear gloves during dental procedures?	4.90	.53	5.00	4.00	4.82	.72	5.00	4.00	.096
Do you wear double gloves for infectious patients?	4.72	.84	5.00	4.00	4.71	.83	5.00	4.00	.529
Do you wear gloves when disinfecting surfaces?	4.77	.65	5.00	4.00	4.70	.77	5.00	4.00	.273
Do you wash hands after every patient?	4.72	.66	5.00	4.00	4.58	.87	5.00	4.00	.092
Do you use hand sanitizer after every patient?	3.64	1.40	4.00	4.00	3.91	1.29	4.00	4.00	.053
Do you remove jewelry/watches before procedures?	3.56	1.47	4.00	4.00	3.87	1.36	4.50	4.00	.030
Do you wear a surgical mask during clinical practice?	4.17	1.38	5.00	4.00	4.25	1.34	5.00	4.00	.638
Do you wear an FFP2 mask?	4.49	.97	5.00	4.00	4.53	.92	5.00	4.00	.977
Do you change masks between patients?	2.70	1.45	3.00	4.00	3.24	1.49	3.00	4.00	<.001
Do you wear protective goggles?	4.00	1.19	4.00	4.00	4.05	1.28	5.00	4.00	.307
Do you wear a full-face shield?	3.63	1.31	4.00	4.00	3.92	1.23	4.00	4.00	.018
Do you disinfect protective goggles after each patient?	3.95	1.31	4.00	4.00	4.24	1.19	5.00	4.00	.009
Do you ask patients to wear protective glasses?	3.06	1.34	3.00	4.00	3.51	1.23	3.00	4.00	<.001
Do you wear a surgical cap?	4.23	1.15	5.00	4.00	4.39	1.00	5.00	4.00	.242
Do you wear a disposable gown over your scrubs?	3.82	1.20	4.00	4.00	4.02	1.12	4.00	4.00	.075
Do you disinfect the face shield after each patient?	3.89	1.26	4.00	4.00	4.23	1.10	5.00	4.00	.004
Do you use a rubber dam when possible?	4.31	.87	5.00	4.00	4.48	.80	5.00	4.00	.022
Do you use high-power suction during motorized procedures?	4.06	1.07	4.00	4.00	4.30	.99	5.00	4.00	.008
Do you ask patients to rinse with chlorhexidine before treatment?	2.90	1.43	3.00	4.00	3.46	1.37	4.00	4.00	<.001
Do you disinfect surfaces after each patient?	4.74	.67	5.00	4.00	4.70	.75	5.00	4.00	.794
Do you suction disinfectant solution through suction lines after each patient?	3.15	1.39	3.00	4.00	3.54	1.47	4.00	4.00	.003
Do you use protective barriers for surfaces/equipment?	4.83	.49	5.00	3.00	4.70	.78	5.00	4.00	.154
Do you replace protective barriers between patients?	4.79	.58	5.00	3.00	4.70	.82	5.00	4.00	.589

Note. Range of possible values of all questions: 1= Never, 5=Always

Table S2. Correct answers in disinfectant classification and instrument risk levels before and after the educational intervention.

	Educational intervention Correct answers (N, %)				Chi-square tests
	Pre		post		
	N	%	N	%	
Antiseptic Levels Against Microbes					
HIV	14	5.70%	21	11.80%	$\chi^2(1) = 5.143$, $p = .023$*
Rhinoviruses	122	49.40%	100	56.20%	$\chi^2(1) = 1.910$, $p = .167$
Candida	24	9.70%	29	16.30%	$\chi^2(1) = 4.098$, $p = .043$*
HSV (Herpes Simplex Virus)	12	4.90%	21	11.80%	$\chi^2(1) = 6.956$, $p = .008$*
Tuberculosis (M. Tuberculosis)	54	21.90%	49	27.50%	$\chi^2(1) = 1.809$, $p = .179$
HBV (Hepatitis B Virus)	13	5.30%	21	11.80%	$\chi^2(1) = 6.002$, $p = .014$*
HCV (Hepatitis C Virus)	13	5.30%	27	15.20%	$\chi^2(1) = 11.905$, $p < .001$*
Coxsackie virus	105	42.50%	79	44.40%	$\chi^2(1) = 0.148$, $p = .701$
S. Aureus (Staphylococcus aureus)	23	9.30%	33	18.50%	$\chi^2(1) = 7.700$, $p = .006$*
S. Pneumoniae (Streptococcus pneumoniae)	16	6.50%	23	12.90%	$\chi^2(1) = 5.154$, $p = .023$*
Hydrophobic viruses	30	12.10%	38	21.30%	$\chi^2(1) = 6.518$, $p = .011$*
Hydrophilic viruses	94	38.10%	65	36.50%	$\chi^2(1) = 0.105$, $p = .746$
Pseudomonas aeruginosa	15	6.10%	23	12.90%	$\chi^2(1) = 5.959$, $p = .015$*
Disinfection Levels Against Microbes					
HIV	5	2.00%	19	10.70%	$\chi^2(1) = 14.527$, $p < .001$*
Rhinoviruses	104	42.10%	98	55.10%	$\chi^2(1) = 6.957$, $p = .008$*
Candida	114	46.20%	93	52.20%	$\chi^2(1) = 1.537$, $p = .215$
HSV (Herpes Simplex Virus)	7	2.80%	19	10.70%	$\chi^2(1) = 11.072$, $p < .001$*
Tuberculosis (M. Tuberculosis)	59	23.90%	53	29.80%	$\chi^2(1) = 1.848$, $p = .174$
HBV (Hepatitis B Virus)	7	2.80%	17	9.60%	$\chi^2(1) = 8.759$, $p = .003$*
HCV (Hepatitis C Virus)	8	3.20%	19	10.70%	$\chi^2(1) = 9.613$, $p = .002$*
Coxsackie virus	84	34.00%	79	44.40%	$\chi^2(1) = 4.709$, $p = .030$*
S. Aureus (Staphylococcus aureus)	22	8.90%	30	16.90%	$\chi^2(1) = 6.084$, $p = .014$*
S. Pneumoniae (Streptococcus pneumoniae)	21	8.50%	21	11.80%	$\chi^2(1) = 1.262$, $p = .261$
Hydrophobic viruses	23	9.30%	23	12.90%	$\chi^2(1) = 1.396$, $p = .237$
Hydrophilic viruses	92	37.20%	74	41.60%	$\chi^2(1) = 0.813$, $p = .367$
Pseudomonas aeruginosa	8	3.20%	21	11.80%	$\chi^2(1) = 11.919$, $p < .001$*

Table S3. Impact of educational intervention on knowledge of disinfectant classification and risk-based sterilization/disinfection needs.

	Educational intervention				Chi-square tests
	Correct answers (N, %)				
	pre		post		
	N	%	N	%	
Classification of Disinfectants (By Effectiveness)					
Glutaraldehyde	89	36.00%	79	44.40%	$\chi^2(1) = 3.017$, $p = .082$
Phenols	26	10.50%	20	11.20%	$\chi^2(1) = 0.054$, $p = .816$
Chlorine solutions	76	30.80%	66	37.10%	$\chi^2(1) = 1.851$, $p = .174$
Alcohols	108	43.70%	91	51.10%	$\chi^2(1) = 2.274$, $p = .132$
Quaternary ammonium compounds	18	7.30%	32	18.00%	$\chi^2(1) = 11.388$, $p < .001$*
Formaldehyde	128	51.80%	86	48.30%	$\chi^2(1) = 0.509$, $p = .476$
Peracetic acid	119	48.20%	91	51.10%	$\chi^2(1) = 0.359$, $p = .549$
Iodophors	114	46.20%	85	47.80%	$\chi^2(1) = 0.106$, $p = .744$
Hydrogen peroxide	100	40.50%	84	47.20%	$\chi^2(1) = 1.894$, $p = .169$
Classification of Dental Instruments (By Infection Risk)					
Contact intact skin only	116	47.00%	84	47.20%	$\chi^2(1) = 0.002$, $p = .963$
Dental mirror	113	45.70%	94	52.80%	$\chi^2(1) = 2.064$, $p = .151$
Burnishers	143	57.90%	118	66.30%	$\chi^2(1) = 3.078$, $p = .079$
Impression trays	129	52.20%	109	61.20%	$\chi^2(1) = 3.408$, $p = .065$
Patient protective glasses	146	59.10%	110	61.80%	$\chi^2(1) = 0.312$, $p = .576$
X-ray cone	134	54.30%	101	56.70%	$\chi^2(1) = 0.260$, $p = .610$
High-/low-speed handpieces	122	49.40%	84	47.20%	$\chi^2(1) = 0.201$, $p = .654$
Mixing bowl	153	61.90%	113	63.50%	$\chi^2(1) = 0.105$, $p = .746$
Articulator	99	40.10%	67	37.60%	$\chi^2(1) = 0.259$, $p = .611$
Sterilization/Disinfection Needs (By Risk Level)					
Non-critical with visible blood	19	7.70%	37	20.80%	$\chi^2(1) = 15.504$, $p < .001$*
Non-critical, no visible blood	51	20.60%	44	24.70%	$\chi^2(1) = 0.988$, $p = .320$
Surfaces with visible blood	29	11.70%	38	21.30%	$\chi^2(1) = 7.191$, $p = .007$*
Surfaces without visible blood	26	10.50%	38	21.30%	$\chi^2(1) = 9.472$, $p = .002$*

Table S4. Correct answers in true/false statements on disinfection practices before and after the educational intervention.

	Educational intervention Correct answers (N, %)				Chi-square tests
	pre		post		
	N	%	N	%	
True/False: Surface Disinfection in Dentistry					
Disinfectant wipes = sprays	66	26.70%	47	26.40%	$\chi^2(1) = 0.005$, p = .942
Apply disinfectant using cotton	103	41.70%	56	31.50%	$\chi^2(1) = 4.632$, p = .031*
High-level disinfectants for surfaces	26	10.50%	35	19.70%	$\chi^2(1) = 7.025$, p = .008*
Chlorine solutions corrode metals	71	28.70%	57	32.00%	$\chi^2(1) = 0.528$, p = .467
Iodophors contain more free iodine as antiseptics	71	28.70%	57	32.00%	$\chi^2(1) = 0.528$, p = .467
Iodophors degrade at high temps, need daily prep	60	24.30%	44	24.70%	$\chi^2(1) = 0.010$, p = .919
Alcohols disrupt microbial proteins	85	34.40%	44	24.70%	$\chi^2(1) = 4.599$, p = .032*
Alcohol is cheap and penetrates organic matter	34	13.80%	35	19.70%	$\chi^2(1) = 2.646$, p = .104
Phenols effective against non-enveloped viruses	54	21.90%	56	31.50%	$\chi^2(1) = 4.968$, p = .026*
Phenolic products disinfect tools & surfaces	67	27.10%	53	29.80%	$\chi^2(1) = 0.358$, p = .549
Quaternary ammonium compounds work as both disinfectants & antiseptics	86	34.80%	63	35.40%	$\chi^2(1) = 0.015$, p = .902
High-concentration quaternary ammonium leaves residue, stains surfaces	71	28.70%	42	23.60%	$\chi^2(1) = 1.405$, p = .236
True/False: Impression and Prosthetic Disinfection					
Soak alginate impressions for 10 min	139	56.30%	99	55.60%	$\chi^2(1) = 0.018$, p = .893
Rinse impressions before sending them to lab	104	42.10%	101	56.70%	$\chi^2(1) = 8.875$, p = .003*
Polyether is most resistant to disinfectants	42	17.00%	37	20.80%	$\chi^2(1) = 0.978$, p = .323
Phenolic compounds work for alginate impressions	43	17.40%	48	27.00%	$\chi^2(1) = 5.616$, p = .018*
Higher bacterial transfer in hydrocolloid vs elastomeric impressions	98	39.70%	81	45.50%	$\chi^2(1) = 1.442$, p = .230
Polysulfides & silicones are unstable with disinfectants	90	36.40%	61	34.30%	$\chi^2(1) = 0.212$, p = .645
Fixed prostheses disinfected in glutaraldehyde + phenol (10 min)	100	40.50%	83	46.60%	$\chi^2(1) = 1.592$, p = .207

Removable prostheses (acrylic/porcelain) disinfected in glutaraldehyde (10 min)	44	17.80%	37	20.80%	$\chi^2(1) = 0.593$, p = .441
Metal/acrylic dentures disinfected with iodophors/sodium hypochlorite	54	21.90%	52	29.20%	$\chi^2(1) = 2.986$, p = .084
Iodophors/sodium hypochlorite can damage metal prostheses	120	48.60%	92	51.70%	$\chi^2(1) = 0.398$, p = .528

Table S5. Effect of educational intervention on knowledge of instrument sterilization procedures.

	Educational intervention Correct answers (N, %)				Chi-square tests
	pre		post		
	N	%	N	%	
True/False: Instrument Sterilization					
Autoclave: 121°C, 15 psi, 3-7 min	69	27.90%	47	26.40%	$\chi^2(1) = 0.122$, p = .727
Steam sterilization oxidizes carbon steel tools	126	51.00%	98	55.10%	$\chi^2(1) = 0.679$, p = .410
Dry heat sterilizer: 160-170°C, 1 hour	132	53.40%	113	63.50%	$\chi^2(1) = 4.273$, p = .039*
Dry heat sterilizer downside oxidizes tools, dulls cutting edges	38	15.40%	52	29.20%	$\chi^2(1) = 11.852$, p < .001*
Sterilization time includes preheating/cooling	61	24.70%	60	33.70%	$\chi^2(1) = 4.125$, p = .042*
Excess water/air reduces sterilization time	68	27.50%	69	38.80%	$\chi^2(1) = 5.976$, p = .014*
Use chemical indicators per cycle, biological indicators weekly	132	53.40%	113	63.50%	$\chi^2(1) = 4.273$, p = .039*
Chemical indicators detect sterilization using resistant bacterial spores	32	13.00%	35	19.70%	$\chi^2(1) = 3.505$, p = .061

Table S6. Changes in knowledge scores on infection control and disinfection following the educational intervention

	Educational intervention				t-test p-value	Cohen's d
	pre		pos			
	M	SD	M	SD		

Infection control and personal protective equipment	8.09	1.10	8.42	1.35	0.005	-0.275
Antiseptic Levels Against Microbes	2.02	1.35	2.60	2.00	0.559	-0.057
Disinfection, Sterilization, and Antisepsis (Matching)	7.89	3.36	7.49	3.61	<.001	0.336
Disinfection Levels Against Microbes	2.06	1.42	2.78	2.27	0.713	0.036
Classification of Disinfectants (By Effectiveness)	3.50	2.09	3.96	2.51	0.003	0.298
Classification of Dental Instruments (By Infection Risk)	6.21	2.04	6.42	2.28	0.429	-0.078
Sterilization/Disinfection Needs (By Risk Level)	3.16	1.75	3.64	2.55	<.001	0.438
True/False: Surface Disinfection in Dentistry	3.26	1.47	3.28	1.76	0.817	0.023
True/False: Impression and Prosthetic Disinfection	4.11	1.91	4.54	2.03	0.506	0.065
True/False: Instrument Sterilization	4.57	2.01	5.10	2.38	0.005	-0.275

Note. total scores per assessment sections/subjects reported in range between 0 and 10.

Table S7. General linear model analysis between subjects effects on antiseptic knowledge, disinfection levels, and instrument classification (Part B).

	Dependent Variable: Antiseptic Levels Against Microbes			Dependent Variable: Disinfection Levels Against Microbes			Classification of Dental Instruments (By Infection Risk)			True/False: Surface Disinfection in Dentistry			True/False: Impression and Prosthetic Disinfection		
	F	p	η^2	F	p	η^2	F	p	η^2	F	p	η^2	F	p	η^2
Education Intervention	3.767	0.053	0.009	2.098	0.148	0.005	0.476	0.491	0.001	0.000	0.996	0.000	0.005	0.945	0.000
Gender	0.671	0.413	0.002	0.425	0.515	0.001	1.083	0.299	0.003	1.396	0.238	0.003	0.014	0.905	0.000
Year of studies	0.889	0.346	0.002	1.912	0.168	0.005	1.781	0.183	0.004	2.007	0.157	0.005	0.044	0.835	0.000
Dental school was first choice	0.309	0.579	0.001	1.390	0.239	0.004	0.210	0.647	0.001	0.150	0.699	0.000	0.401	0.527	0.001
Place of origin (ref. other country)															
Athens (Greek capital)	1.053	0.306	0.003	2.326	0.128	0.006	0.951	0.330	0.002	0.057	0.812	0.000	0.012	0.914	0.000
Other Urban center (prefecture capital)	0.605	0.437	0.002	0.856	0.355	0.002	0.029	0.865	0.000	1.038	0.309	0.003	0.044	0.833	0.000
Mainland region (towns and villages)	1.252	0.264	0.003	1.266	0.261	0.003	0.040	0.842	0.000	0.433	0.511	0.001	2.317	0.129	0.006
Island region (towns and villages)	1.191	0.276	0.003	4.666	0.031	0.012	0.058	0.810	0.000	0.174	0.677	0.000	0.732	0.393	0.002
Vaccinated against hepatitis B	4.422	0.036	0.011	0.919	0.338	0.002	9.450	0.002	0.023	0.005	0.943	0.000	0.031	0.861	0.000
Checked antibody levels	0.312	0.577	0.001	1.065	0.303	0.003	0.859	0.355	0.002	0.061	0.805	0.000	2.320	0.129	0.006
Had sharp injury in clinic	0.799	0.372	0.002	0.674	0.412	0.002	3.759	0.053	0.009	0.316	0.574	0.001	0.675	0.412	0.002
EduInt * Gender	0.789	0.375	0.002	0.040	0.841	0.000	0.792	0.374	0.002	0.423	0.516	0.001	1.321	0.251	0.003
EduInt * Year of studies	2.183	0.140	0.006	1.333	0.249	0.003	0.816	0.367	0.002	2.570	0.110	0.006	0.220	0.639	0.001
EduInt * Dental school was first choice	2.098	0.148	0.005	0.012	0.913	0.000	0.593	0.442	0.001	4.036	0.045	0.010	0.001	0.970	0.000
EduInt * Athens (Greek capital)	2.720	0.100	0.007	0.667	0.415	0.002	0.762	0.383	0.002	1.943	0.164	0.005	1.210	0.272	0.003
EduInt * Other Urban center (prefecture capital)	0.269	0.604	0.001	0.746	0.388	0.002	1.268	0.261	0.003	4.959	0.027	0.012	1.822	0.178	0.005
EduInt * Mainland region (towns and villages)	3.100	0.079	0.008	2.089	0.149	0.005	0.111	0.739	0.000	3.980	0.047	0.010	1.383	0.240	0.003
EduInt * Island region (towns and villages)	0.937	0.334	0.002	0.303	0.583	0.001	0.014	0.907	0.000	0.011	0.916	0.000	0.137	0.712	0.000
EduInt * Vaccinated against hepatitis B	7.460	0.007	0.019	7.345	0.007	0.018	0.035	0.851	0.000	1.447	0.230	0.004	0.757	0.385	0.002
EduInt * Checked antibody levels	2.285	0.131	0.006	3.051	0.081	0.008	1.783	0.183	0.004	0.014	0.905	0.000	0.716	0.398	0.002

EduInt * Had sharp injury in clinic	0.442	0.506	0.001	2.772	0.097	0.007	0.061	0.805	0.000	0.068	0.795	0.000	0.929	0.336	0.002

Table 1. Gender-based differences in infection control and disinfection knowledge before and after the educational intervention.

	Educational intervention							
	pre				post			
	Male		Female		Male		Female	
	M	SD	M	SD	M	SD	M	SD
Infection control and personal protective equipment	7.95$_a$	1.26	8.17$_a$	.98	8.13$_a$	1.59	8.58$_b$	1.18
Antiseptic Levels Against Microbes	2.08$_a$	1.38	2.01$_a$	1.33	2.74$_a$	2.08	2.54$_a$	1.97
Disinfection, Sterilization, and Antisepsis (Matching)	8.08$_a$	3.25	7.82$_a$	3.41	7.41$_a$	3.51	7.65$_a$	3.57
Disinfection Levels Against Microbes	2.23$_a$	1.39	1.97$_a$	1.43	2.82$_a$	2.20	2.80$_a$	2.33
Classification of Disinfectants (By Effectiveness)	3.40$_a$	2.27	3.55$_a$	2.02	4.29$_a$	2.18	3.82$_a$	2.67
Classification of Dental Instruments (By Infection Risk)	6.10$_a$	2.23	6.28$_a$	1.95	6.25$_a$	2.42	6.55$_a$	2.19
Sterilization/Disinfection Needs (By Risk Level)	3.08$_a$	1.76	3.21$_a$	1.76	3.57$_a$	2.66	3.68$_a$	2.50
True/False: Surface Disinfection in Dentistry	3.32$_a$	1.36	3.22$_a$	1.52	3.42$_a$	1.64	3.21$_a$	1.81
True/False: Impression and Prosthetic Disinfection	4.09$_a$	1.95	4.14$_a$	1.89	4.71$_a$	2.00	4.46$_a$	2.07
True/False: Instrument Sterilization	4.79$_a$	2.15	4.45$_a$	1.94	5.37$_a$	2.49	4.92$_a$	2.33

Table S9. Impact of Hepatitis B vaccination status on infection control and disinfection knowledge before and after the educational intervention.

	Educational intervention							
	pre				pos			
	Fully vaccinated against hepatitis B				Fully vaccinated against hepatitis B			
	Yes		No		Yes		No	
	M	SD	M	SD	M	SD	M	SD
Infection control and personal protective equipment	8.16$_a$	1.04	6.28$_b$	1.23	8.52$_a$	1.26	7.09$_b$	2.26

Antiseptic Levels Against Microbes	2.01a	1.30	2.38a	2.31	2.74a	2.04	1.59a	1.06
Disinfection, Sterilization, and Antisepsis (Matching)	7.85a	3.38	8.15a	3.77	7.63a	3.52	7.04a	3.51
Disinfection Levels Against Microbes	2.03a	1.39	2.30a	1.70	2.91a	2.32	2.14a	1.38
Classification of Disinfectants (By Effectiveness)	3.51a	2.10	2.84a	2.23	4.01a	2.46	4.20a	2.59
Classification of Dental Instruments (By Infection Risk)	6.31a	1.97	4.19b	1.93	6.51a	2.26	4.96a	2.88
Sterilization/Disinfection Needs (By Risk Level)	3.20a	1.76	2.41a	1.69	3.75a	2.53	3.15a	3.17
True/False: Surface Disinfection in Dentistry	3.24a	1.46	3.17a	1.68	3.30a	1.77	3.17a	1.82
True/False: Impression and Prosthetic Disinfection	4.10a	1.92	3.70a	1.87	4.59a	2.09	4.63a	1.11
True/False: Instrument Sterilization	4.57a	2.00	4.04a	1.82	5.13a	2.36	5.35a	2.63

Table S10. Effect of checking antibody levels on infection control and disinfection knowledge before and after the educational intervention

	Educational intervention							
	pre				pos			
	Checked antibody levels				Checked antibody levels			
	Yes		No		Yes		No	
	M	SD	M	SD	M	SD	M	SD
Infection control and personal protective equipment	8.07a	1.10	8.13a	1.08	8.71a	1.29	8.05b	1.35
Antiseptic Levels Against Microbes	2.04a	1.33	1.96a	1.41	2.59a	2.14	2.72a	1.82
Disinfection, Sterilization, and Antisepsis (Matching)	7.96a	3.30	7.61a	3.58	7.32a	3.52	8.16a	3.33
Disinfection Levels Against Microbes	2.06a	1.40	2.05a	1.54	2.80a	2.51	2.83a	1.93
Classification of Disinfectants (By Effectiveness)	3.53a	2.10	3.33a	2.04	4.16a	2.47	3.87a	2.53

Classification of Dental Instruments (By Infection Risk)	6.26$_a$	2.05	6.25$_a$	1.77	6.34$_a$	2.27	6.72$_a$	2.14
Sterilization/Disinfection Needs (By Risk Level)	3.19$_a$	1.69	3.12$_a$	2.07	3.61$_a$	2.55	3.71$_a$	2.56
True/False: Surface Disinfection in Dentistry	3.27$_a$	1.47	3.13$_a$	1.50	3.33$_a$	1.90	3.32$_a$	1.52
True/False: Impression and Prosthetic Disinfection	4.13$_a$	1.87	3.87$_a$	2.10	4.79$_a$	2.18	4.29$_a$	1.79
True/False: Instrument Sterilization	4.69$_a$	1.97	3.96$_b$	1.99	5.29$_a$	2.38	4.95$_a$	2.32

Table S11. Impact of sharp injuries on infection control and disinfection knowledge before and after the educational intervention.

	Educational intervention							
	pre				pos			
	Had a sharp injury in the clinic				Had a sharp injury in the clinic			
	Yes		No		Yes		No	
	M	SD	M	SD	M	SD	M	SD
Infection control and personal protective equipment	7.74$_a$	1.32	8.22$_b$	.98	8.32$_a$	1.48	8.46$_a$	1.32
Antiseptic Levels Against Microbes	2.05$_a$	1.56	2.01$_a$	1.26	2.93$_a$	2.32	2.53$_a$	1.91
Disinfection, Sterilization, and Antisepsis (Matching)	8.15$_a$	3.23	7.80$_a$	3.41	6.58$_a$	3.99	7.83$_a$	3.37
Disinfection Levels Against Microbes	2.00$_a$	1.40	2.08$_a$	1.43	3.31$_a$	2.90	2.66$_a$	2.06
Classification of Disinfectants (By Effectiveness)	3.16$_a$	2.07	3.62$_a$	2.09	3.48$_a$	2.81	4.14$_a$	2.38
Classification of Dental Instruments (By Infection Risk)	5.74$_a$	2.17	6.38$_b$	1.97	6.13$_a$	2.54	6.54$_a$	2.16
Sterilization/Disinfection Needs (By Risk Level)	3.03$_a$	1.66	3.21$_a$	1.79	3.99$_a$	3.04	3.59$_a$	2.40
True/False: Surface Disinfection in Dentistry	3.25$_a$	1.42	3.27$_a$	1.49	3.35$_a$	2.15	3.28$_a$	1.63
True/False: Impression and Prosthetic Disinfection	4.13$_a$	2.02	4.10$_a$	1.88	4.87$_a$	2.07	4.50$_a$	2.00
True/False: Instrument Sterilization	4.52$_a$	2.11	4.59$_a$	1.97	5.17$_a$	2.77	5.11$_a$	2.25