

Appendix 3 - Statistical data regarding comparative analysis of the six countries

		GDA/ RDA	GDA/ PDA	GDA/ SSO	GDA/ ANDI	GDA/ TDA	RDA/ PDA	RDA/ SSO	RDA/ ANDI	RDA/ TDA	PDA/ SSO	PDA/ ANDI	PDA/ TDA	SSO/ Italy-ANDI	SSO/ TDA	ANDI / TDA	
Q1	Yes	0.001	0.401	0.073	0.007	0.001	0.004	0.522	0.734	0.001	0.18	0.024	0.001	0.773	0.001	0.001	
	No																
Q2	I read them in dental journals	0.000	0.000	0.000	0.017	0.012	0.091	0.039	0.023	0.000	0.000	0.300	0.000	0.000	0.000	0.000	
	I read them on web sites of specialization organizations	0.005	0.001	0.003	0.783	0.000	0.712	0.520	0.009	0.000	0.662	0.001	0.000	0.004	0.000	0.000	
	I use search engines to find them.	0.109	0.183	0.270	0.008	0.000	0.544	0.865	0.249	0.000	0.790	0.061	0.000	0.257	0.001	0.031	
	My National Dental Organization sends me information about them.	0.070	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	1	0.514	0.000	0.000	0.033	0.000	0.000
	I learn about them from the continuing education courses which I attend	0.193	0.343	0.193	0.037	0.000	0.539	0.015	0.403	0.000	0.025	0.114	0.000	0.002	0.000	0.000	0.000
	I learned about them from my Undergraduate dental education	n.a	0.000	0.002	0.001	0.027	0.000	0.001	0.001	0.014	0.075	0.006	0.000	0.807	0.099	0.047	0.047
	Other	0.125	0.197	0.002	0.499	0.123	0.736	0.075	0.683	0.752	0.009	1	0.794	0.015	0.012	0.736	0.736
Q3	Yes																
	No	0.001	0.001	0.001	0.001	0.001	0.006	0.088	0.014	0.001	0.556	0.002	0.001	0.04	0.001	0.001	
	No idea																

Q4	Always															
	Frequently															
	Sometimes	0.137	0.007	0.651	0.001	0.426	0.001	0.414	0.001	0.058	0.533	0.014	0.001	0.011	0.105	0.001
	Rare															
	Very rare															
Q5	Yes															
	No	0.001	0.001	0.001	0.001	0.6	0.753	0.309	0.085	0.001	0.19	0.042	0.001	0.487	0.001	0.001
	No idea															
Q6	They can improve the accuracy of diagnosis.	0.094	0.029	0.000	0.017	0.283	0.000	0.000	0.435	0.001	0.000	0.000	0.142	0.001	0.000	0.000
	They can improve the clinical treatment plan.	0.044	0.004	0.000	0.284	0.039	0.000	0.010	0.331	0.000	0.000	0.000	0.245	0.001	0.000	0.000
	They can decrease the time necessary for the diagnostic process	0.280	0.003	0.427	0.303	0.959	0.000	0.917	0.964	0.139	0.001	0.000	0.000	0.947	0.324	0.161
	They can decrease treatment complications.	0.092	0.306	0.001	0.002	0.074	0.001	0.050	0.135	0.000	0.000	0.000	0.327	0.462	0.000	0.000
	They can improve the outcome of treatment.	0.003	0.952	0.000	0.001	0.148	0.000	0.079	0.700	0.000	0.000	0.000	0.059	0.151	0.000	0.000
	Other	1	0.067	0.613	0.686	0.631	0.024	0.654	0.717	0.388	0.025	0.006	0.126	1	0.210	0.213

Q7	Dentists	0.001	0.000	0.017	0.374	0.087	0.000	1.000	0.018	0.000	0.000	0.000	0.000	0.081	0.000	0.004
	Patients	0.568	0.563	0.000	0.000	0.000	0.922	0.000	0.000	0.000	0.000	0.000	0.000	0.550	0.000	0.000
	Public	0.402	0.000	0.436	0.003	0.142	0.000	1.000	0.039	0.006	0.007	0.408	0.000	0.114	0.039	0.000
	Dental profession	0.066	0.640	0.001	0.010	0.006	0.002	0.095	0.526	0.000	0.000	0.000	0.004	0.254	0.000	0.000
	Other (please specify)	1.000	n.a	0.014	0.249	0.207	0.290	0.036	0.362	0.455	0.001	0.022	0.008	0.217	0.080	1.000
Q8	Yes															
	No	0.001	0.001	0.001	0.073	0.001	1	0.692	0.118	0.001	0.678	0.028	0.001	0.1	0.001	0.001
	No idea															

Q9	Lack of time	0.004	0.000	0.020	0.000	0.059	0.000	0.000	0.000	0.000	0.416	1.000	0.000	0.393	0.190	0.004
	Lack of awareness on clinical guidelines	0.949	0.000	0.000	0.000	0.597	0.000	0.000	0.000	0.631	0.352	0.002	0.000	0.331	0.000	0.000
	Lack of practical ways to reach to clinical guidelines	0.288	0.001	0.134	0.000	0.865	0.000	0.015	0.000	0.064	0.728	0.125	0.000	0.102	0.142	0.000
	Limited guidelines available in the dental field	0.553	0.000	0.003	0.000	0.001	0.000	0.011	0.000	0.017	0.665	0.731	0.000	0.597	0.176	0.007
	Lack of evidence-based clinical guidelines for dental care	0.521	0.000	0.543	0.022	0.880	0.000	0.180	0.002	0.569	0.054	0.624	0.000	0.331	0.302	0.004
	Clinical guidelines being perceived as restricting the 'clinical freedom of dentists'	1.000	0.000	0.747	0.296	0.046	0.000	0.553	0.340	0.030	0.014	0.000	0.025	0.202	0.412	0.000
	Lack of consensus/agreement regarding certain aspects of the available guidelines	0.290	1.000	0.097	0.094	1.000	0.211	0.329	0.540	0.240	0.028	0.019	0.995	0.773	0.037	0.025
	Limited knowledge regarding the reliability of the methods used for developing guidelines	0.221	0.055	1.000	1.000	0.772	0.000	0.504	0.283	0.187	0.068	0.024	0.006	1.000	1.000	1.000
	Limited knowledge regarding the reliability of the guideline development group/body	0.250	0.333	0.352	0.249	0.048	0.696	1.000	1.000	0.576	1.000	0.692	0.110	1.000	0.706	0.577
	Lack of confidence regarding competing interests of guideline development group members	0.016	1.000	0.352	0.124	0.048	0.001	0.437	0.579	0.639	0.295	0.024	0.004	1.000	0.706	1.000
	Limited knowledge regarding the regular update of the guidelines when new evidence becomes available	0.716	0.748	0.278	0.668	0.324	0.257	0.522	1.000	0.757	0.055	0.164	0.031	0.529	0.588	0.830
	Lack of specific and unambiguous recommendations in the guideline	0.043	0.278	0.541	0.450	0.181	0.000	0.017	0.222	0.222	1.000	0.021	0.002	0.173	0.087	0.830
Other (please specify)	n.a	n.a	n.a	0.249	0.596	n.a	n.a	0.116	0.331	n.a	0.022	0.064	0.551	1.000	0.431	
Q10	Yes															
	No	0.001	0.001	0.234	0.007	0.001	0.021	0.006	0.001	0.001	0.001	0.001	0.001	0.773	0.001	0.001
	No idea															

Q11	Creating a general awareness on clinical guidelines	0.913	0.000	0.482	0.437	0.000	0.000	0.646	0.487	0.000	0.000	0.000	0.000	1.000	0.000	0.000
	Developing evidence-based clinical guidelines	0.004	0.949	0.001	0.279	0.044	0.000	0.330	0.086	0.000	0.000	0.224	0.001	0.018	0.000	0.000
	Developing various evidence based-clinical decision support systems including clinical guidelines	0.010	0.042	1.000	0.976	0.006	0.315	0.021	0.005	0.665	0.084	0.017	0.412	1.000	0.022	0.002
	Informing dentists about available clinical guidelines	0.968	0.041	0.005	0.187	0.000	0.027	0.005	0.159	0.000	0.000	0.642	0.000	0.000	0.000	0.000
	Informing dentists about updated clinical guidelines	0.163	0.544	0.006	0.033	0.000	0.270	0.095	0.431	0.000	0.006	0.041	0.000	0.307	0.000	0.000
	Attempts to overcome the barriers to implementation of clinical guidelines into practice	0.011	0.223	0.033	0.003	0.772	0.050	1.000	0.758	0.001	0.167	0.010	0.210	0.755	0.020	0.000
	Others (please specify)	n.a	1.000	n.a	n.a	1.000	1.000	n.a	n.a	0.569	1.000	1.000	0.626	n.a	1.000	0.572
	None	1.000	n.a	n.a	n.a	1.000	0.290	1.000	1.000	0.461	n.a	n.a	1.000	n.a	1.000	1.000
Q12	Yes	0.001	0.001	0.051	0.002	0.001	0.906	0.198	0.001	0.312	0.219	0.001	0.268	0.056	0.461	0.001
	No															
	No idea															

Q13	Universities	0.005	0.000	0.896	0.002	0.000	0.000	0.014	0.768	0.000	0.000	0.000	0.001	0.008	0.000	0.001
	National Dental Associations	0.000	0.000	0.056	0.418	0.000	0.140	0.484	0.004	0.042	0.048	0.000	0.405	0.197	0.011	0.000
	Scientific communities	0.977	0.175	0.034	0.000	0.618	0.239	0.018	0.000	0.356	0.000	0.000	0.003	0.550	0.042	0.000
	Expert people	0.188	0.002	0.206	0.009	0.009	0.000	0.962	0.167	0.000	0.000	0.000	0.651	0.499	0.000	0.000
	Joint activity of various dental bodies	0.000	0.013	0.000	0.000	0.050	0.000	0.094	0.472	0.000	0.073	0.000	0.371	0.273	0.017	0.000
	Other (please specify)	0.212	0.067	0.345	0.603	0.381	n.a	0.031	0.490	0.014	0.004	0.282	0.001	0.102	0.733	0.082
	No idea	0.500	0.346	0.352	1.000	0.577	1.000	1.000	1.000	0.658	1.000	0.678	0.527	0.548	0.544	1.000
Q14	Yes															
	No	0.056	0.001	0.047	0.001	0.001	0.024	0.472	0.001	0.636	0.032	0.001	0.051	0.04	0.271	0.001
	No idea															
Q15	Up to 2 years															
	Up to 5 years															
	Until new evidence becomes available	0.001	0.034	0.241	0.001	0.048	0.001	0.002	0.001	0.001	0.044	0.001	0.008	0.001	0.012	0.001
	No idea															

Q16	Every 2 years															
	Every 5 years	0.001	0.001	0.001	0.001	0.001	0.001	0.214	0.001	0.001	0.236	0.001	0.001	0.001	0.011	0.001
	When new evidence becomes available															
	No idea															

* Difference is statistically significant between two compared countries (p<0.05)

n.a: statistical comparison was not applicable because of low response rate

GSA: Georgian Stomatological Association, ANDI: Associazione Nazionale Dentisti Italiani, PDA: Portuguese Dental Association, RDA: Russian Dental Association, SSO: Swiss Dental Association, TDA: Turkish Dental Association