



## Supplementary Materials:

**Table S1.** Critical appraisal for qualitative studies using the Critical Appraisal Skills Program (CASP) tool.

List of Included qualitative studies.										
Qualitative Studies: CASP Tool	Section A: Are the Results Valid?					Section B: What Are the Results?				
Title	Was there a clear statement of the aims of the research?	Is a qualitative methodology appropriate?	Was the research design appropriate to address the aims of the Research?	Was the recruitment strategy appropriate to the aims of the research?	Was the data collected in a way that addressed the research issue?	Has the relationship between researcher and participants been adequately considered?	Have ethical issues have been taken into consideration?	Was the data analysis sufficiently rigorous?	Is there a clear statement of findings?	How valuable is the research?
Emotional intelligence and stress coping in dental undergraduates—a qualitative study	+	+	+	+	+	+	+	+	+	+
List of Excluded Qualitative Studies										
Qualitative Studies: CASP Tool	Section A: Are the Results Valid?					Section B: What Are the Results?				
Reference	Was there a clear statement of the aims of the research?	Is a qualitative methodology appropriate?	Was the research design appropriate to address the aims of the research?	Was the recruitment strategy appropriate to the aims of the research?	Was the data collected in a way that addressed the research issue?	Has the relationship between researcher and participants been adequately considered?	Have ethical issues have been taken into consideration?	Was the data analysis sufficiently rigorous?	Is there a clear statement of findings?	How valuable is the research?
The effect of Emotional Intelligence on Research Quality and Teaching skills of Faculty in University	+	+	+	–	–	+	+	–	–	–
Robinson, P.G. Perceptions of professionalism in dentistry—a qualitative study.	+	+	+	–	+	–	+	+	–	–

(+) = item adequately addressed, (–) = item not adequately addressed, (+/–) = item partially addressed.

**Table S2.** Critical appraisal for cross-sectional studies using the Appraisal tool for Cross-Sectional Studies (AXIS).

[illegible]

[illegible]

[illegible]

intelligence of engineering and dental college students												
Perceived stress among dental students at the University of the Western Cape												
	+	+	+	+	+	+	+	+	+	+	+	+
What is the relationship between emotional intelligence and dental student clinical performance?												
	+	+	+	+	+	+	+	+	+	+	+	+
Relationship between emotional intelligence and academic satisfaction in dental students and paramedic students.												
	+	+	+	+	+	+	+	+	+	+	+	+
List of Excluded Cross-Sectional Studies												
Cross-Sectional Studies CASP Tool		Introduction						Method				
Reference	Were the aims/objectives of the study clear?	Was the study design appropriate for the stated aim(s)?	Was the sample size justified?	Was the target/reference population clearly defined? (is it clear who the research was about?)	Was the sample frame taken from an appropriate population base so that it closely represented the target/reference population under investigation?	Was the selection process likely to select subjects/participants that were representative of the target/reference population under investigation?	Were measures undertaken to address and categorize non-responders?	Were the risk factor and outcome variables measured appropriately to the aims of the study?	Were the risk factors and outcome variables measured correctly using instruments/measurements that had been trialed, piloted or published previously?	Is it clear what was used to determine statistical significance and/or precision estimates? (e.g., p-values, confidence intervals)	Were the methods (including statistical methods) sufficiently described to enable them to be repeated?	
The impact of maternal emotional intelligence and parenting style on child anxiety and behavior in the dental setting	+	+	−	−	−	+	−	+	−	+	−	
Factors affecting clinical dental hygienist	+	+	+	−	−	+	−	−	+	+	−	





Emotional intelligence among Alexandria University dental interns	+	+	+	+	+	+	+	+	+
Emotional intelligence of Pedodontics and Preventive Dentistry postgraduate students in India.	+	+	+	+	+	+	+	+	+
Association between emotional intelligence and perceived stress in undergraduate dental students.	+	+	+	+	+	+	+	+	+
The relationship between depression and emotional intelligence quotient among the medical and dental students of Nishtar College, Multan.	+	+	+	+	+	+	+	+	+
Self-compassion and emotional intelligence of engineering and dental college students	+	+	+	+	+	+	+	+	+
Perceived stress among dental students at the University of the Western Cape	+	+	+	+	+	+	+	+	+
What is the relationship between emotional intelligence and dental student clinical performance?	+	+	+	+	+	+	+	+	+
Relationship between emotional intelligence and academic satisfaction in dental students and paramedic students.	+	+	+	+	+	+	+	+	+
List of Excluded Cross-Sectional Studies									
Cross-Sectional Studies CASP Tool	Results				Discussion			Others	
Reference	Were the basic data adequately described?	Does the response rate raise concerns about non-response bias?	If appropriate, was information about non-responders described?	Were the results internally consistent?	Were the results presented for all the analyses described in the methods?	Were the authors' discussions and conclusions justified by the results?	Were the limitations of the study discussed?	Were there any funding sources or conflicts of interest that may affect the authors' interpretation of the results?	Was ethical approval or consent of participants attained?
The impact of maternal emotional intelligence and parenting style on child anxiety and behavior in the dental setting	+	–	–	+	–	–	+	+	+



Factors affecting clinical dental hygienist emotional intelligence on burnout	+	+/-	+	-	-	+	-	-	+
Relationships among emotional intelligence, ego resilience, stress in clinical practice of dental hygiene students	+/-	+	-	-	+	-	-	+	+/-
The relationship between emotional intelligence and academic achievement in the dental students of Babol Medical University	-	+	-	-	+	-	-	+	+
Empathy and emotional intelligence in dental practitioners of Bareilly City—a cross sectional study.	+	-	-	+	-	-	+	+	+

(+) = item adequately addressed, (-) = item not adequately addressed, (+/-) = item partially addressed.