

**Additional file 8** – Ordered Logistic Regression analysis of the discomfort scores after treatment between the groups and the independent variables (considering only the discomfort scores after crown placement).

Variables	Unadjusted OR (95% CI)	<i>p</i> -value	Adjusted OR (95% CI)	<i>p</i> -value
<b>Treatment</b>				
ART (ref)				
HT	1.95 (0.99 to 3.87)	0.055	2.26 (1.11 to 4.62)	0.025*
<b>Age (years)</b>				
5 to 6.9 (ref)				
7 to 8.9	0.47 (0.19 to 1.16)	0.102	0.50 (0.20 to 1.25)	0.102
≥ 9	0.74 (0.27 to 2.00)	0.550	0.62 (0.22 to 1.76)	0.368
<b>Sex</b>				
Male (ref)				
Female	1.05 (0.53 to 2.09)	0.891		
<b>Operator</b>				
Specialist (ref)				
Student 1	0.83 (0.36 to 1.93)	0.661		
Student 2	1.61 (0.70 to 3.69)	0.259		
<b>Jaw</b>				
Upper (ref)				
Lower	1.74 (0.88 to 3.44)	0.112		
<b>Primary Tooth</b>				
1 <sup>st</sup> Molar (ref)				
2 <sup>nd</sup> Molar	0.49 (0.24 to 1.01)	0.052		
<b>DMFT/dmft</b>				
0 and 1 (ref)				
3 and 4	1.00 (0.46 to 2.18)	0.997	1.02 (0.46 to 2.29)	0.955
More than 4	0.42 (0.17 to 1.03)	0.058	0.39 (0.15 to 1.01)	0.052

ART = Atraumatic Restorative Treatment; HT = Hall technique

OR = Odds Ratio; 95% CI = 95% Confidence Interval

\* Statistically significant difference ( $p < 0.05$ )