APPENDIX

** Figure A.1  Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each three-week interval of the loaded period (12 weeks) around experimental molars.

** Significant difference $P < .05$
Figure A.2  Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each four-week interval of the loaded period (12 weeks) around experimental molars.
** Significant difference $P < .05$

**Figure A.3** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each six-week interval of the loaded period (12 weeks) around experimental molars.
** Significant difference \( P < .05 \)

**Figure A.4** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each three-week interval of the loaded period (12 weeks) around control right mandibular first molars.
Figure A.5  Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each four-week interval of the loaded period (12 weeks) around control right mandibular first molars.

** Significant difference $P < .05$
** Significant difference $P < .05$

**Figure A.6** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each six-week interval of the loaded period (12 weeks) around control right mandibular first molars.
Figure A.7  Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each three-week interval of the loaded period (12 weeks) around control right maxillary second molars.

** Significant difference $P < .05$
** Significant difference $P < .05$

** Figure A.8 ** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each four-week interval of the loaded period (12 weeks) around control right maxillary second molars.
** Significant difference $P < .05$

**Figure A.9** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each six-week interval of the loaded period (12 weeks) around control right maxillary second molars.
** Significant difference $P < .05$

**Figure A.10** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each three-week interval of the loaded period (12 weeks) around miniscrew implants.
** Significant difference $P < .05$

**Figure A.11** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each four-week interval of the loaded period (12 weeks) around miniscrew implants.
** Significant difference $P < .05$

**Figure A.12** Boxplot graphs of medians of CS (WF6 epitope) levels during the unloaded period (2 weeks) and each six-week interval of the loaded period (12 weeks) around miniscrew implants.
Figure A.13 Line charts of CS (WF6 epitope) levels of right maxillary first molars as the experimental group of 9 cases

Figure A.14 Line charts of CS (WF6 epitope) levels of left maxillary first molars as the experimental group of 9 cases
Figure A.15 Line chart of CS (WF6 epitope) levels of failed case.