

CHAPTER V

CONCLUSION

5.1 Conclusion

1. Heat treatment with 450°C increases the hardness, tensile strength of the archwire. This was considered to be because of precipitation caused by the heat treatment.
2. As the holding time increases the hardness and strength proportionally increase.

5.2 Suggestion

1. Suggestion for the next researcher, find more compatible etching solution for the observation in SEM.
2. Make sure to know the correlation about the biocompatibility of the archwire with the heat treatment.

