

CHAPTER 5

CONCLUSION

Base on biomechanical results from the study stated that the resorbable plate and screw fixation system have the adequated strength for the fixation in bilateral sagittal split osteotomies. Therefore, the resorbable plate and screw could be used as the fixation system after bilateral sagittal split osteotomies in mandible with promising result when comparing to the standard titanium plate and screw fixation system. To confirm the overall clinical applicability of those findings, studies should be extended to evaluate the relative differences under controlled in vivo conditions.