

# Treatment of Osteoarthritis using Synvisc in New Zealand White Rabbit

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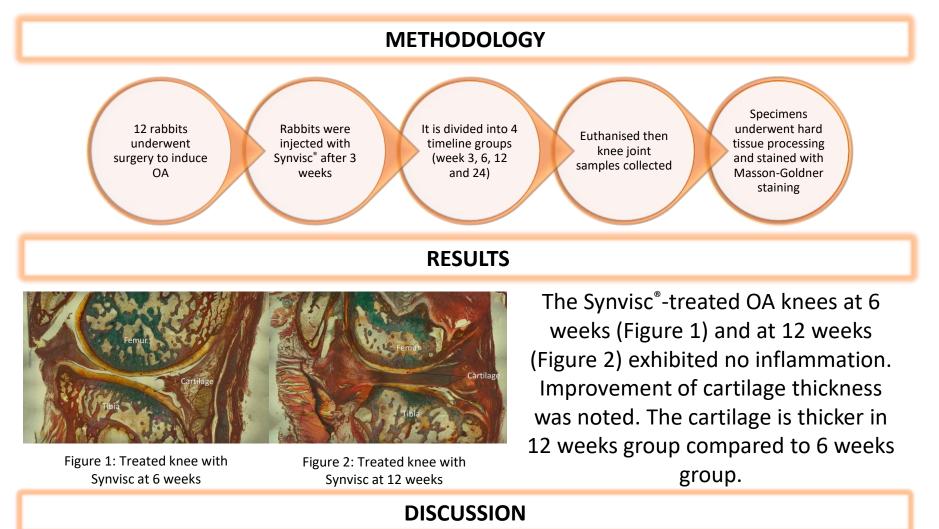
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## INTRODUCTION

Osteoarthritis (OA) is a degenerative joint disease affecting millions worldwide. Synvisc<sup>®</sup> is used as viscosupplement injection treatment for OA in humans

### **OBJECTIVES**

This study will investigate the histological changes of OA in rabbits treated with Synvisc<sup>®</sup>



Rabbits treated with Synvisc<sup>®</sup> showed cartilage thickness improvement and was observed at 6 and 12 weeks after treatment. Specifically, the rabbits with OA treated with Synvisc<sup>®</sup> improved with cartilage thickness.

#### CONCLUSION

Synvisc<sup>®</sup> treatment showed histological improvements of OA in rabbits.

#### REFERENCES

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- 2. ISO/IEC 17025:2017 Testing Method, Orthopaedics Research Laboratory, IIUM