# TABLE OF CONTENTS

**General introduction**  
Ultrasonographic evaluation of fetal development  
Evaluation of fetal health  
*Ultrasonography*  
*B-mode ultrasonographic exam*  
*Eco Color Doppler exam*  
*Fetal Heart Rate*  

**Aims**  

**Materials & Methods**  
Growth curves of ICC and BP in large and giant size bitches *(Paper 1)*  
Accuracy of the ICC and BP for the prediction of parturition day in large and giant size bitches *(Paper 1)*  
Fetal and maternal heart rate ratio in pregnant bitches: effect of gestational age and maternal size *(Paper 2)*  

**Results**  
Growth curves of ICC and BP in large and giant size bitches *(Paper 1)*  
Accuracy of the ICC and BP for the prediction of parturition day in large and giant size bitches *(Paper 1)*
Fetal and maternal heart rate ratio in pregnant bitches: effect of gestational age and maternal size (Paper 2)

General discussion

Ultrasonographic evaluation of fetal development

Evaluation of fetal health

Conclusion

Future perspectives

References

Summary

Paper 1

Paper 2

Other publications and Co-authorships