


THE UNIVERSITY OF WESTERN ONTARIO  
SCHOOL OF GRADUATE AND POSTDOCTORAL STUDIES


CERTIFICATE OF EXAMINATION

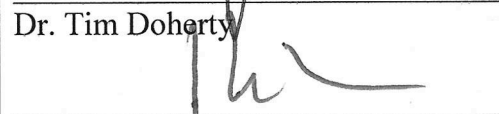
Supervisor

  
Dr. Dianne Bryant

Examiners

  
Dr. Tom Overend

  
Dr. Tim Doherty

  
Dr. David Chess

The thesis by

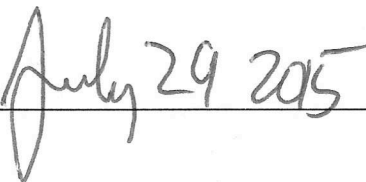
**Olawale Sogbein**

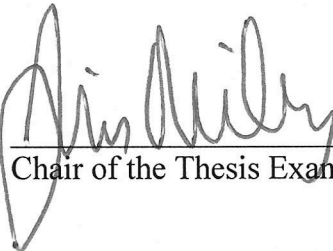
entitled:

**Ultrasound guided motor sparing knee blocks for postoperative  
analgesia following total knee arthroplasty**

is accepted in partial fulfillment of the  
requirements for the degree of  
Master of Science

Date:





Chair of the Thesis Examination Board