



CAMIS

Centre for the Advancement
of Minimally Invasive Surgery

Title of Research Study: “iBIM” - internet based Interactive Modules: An easy and interesting learning tool for the General Surgery residents?

Principal Investigator: Daniel Birch, MD, FRCSC

Associate Professor of Surgery, University of Alberta

Background: The increasing use of information technology (IT) provides possibilities for a resident-centered educational approach which offers more autonomy and flexibility to the residents in their surgical trainings. A web-based learning module may allow the residents to determine the time, duration, frequency, depth, and direction of the training according to their respective situations. In our study, an iBIM aiming for laparoscopic bariatric skill will be introduced to general surgery residents of University of Alberta in addition to their regular curriculum to invest the preferences and effectiveness of such an approach.

Purpose: You are being asked to participate in a research study to verify if web-based interactive modules be an easy and interesting approach for the surgical skill training.

Procedures: You are one of the 52 general surgery residents who will be issued a user name and password to login to the website www.obesity101.ca to access the iBIM. You will be asked to fill out a demographic form and write an online pre-course 20 minutes test of multiple choice questions. The questions designed to test the basic knowledge of obesity and bariatric surgery. After completion of the test you will be able to review the course material online. The duration of the study will be one year, starting from the first time you use your username and password to login. After you finish reviewing the course material, you will be prompted to write a 20 minutes post-course test with multiple choice questions as well as a 3-5 minutes post-course survey.

Possible Benefits: The participants will have more chances to learn the basic knowledge and skill about laparoscopic bariatric surgery. This particular study will help to find out the preferences of iBIMs in the surgical trainings and may help in modifying the training curriculums.

**Possible Risks:**

There is no harm in this study.

Confidentiality: Study records relating to this study will be kept confidential. Any research data collected about you during this study will identify only your user name and a coded number, not your name. Your name will not be disclosed outside the research centre and therefore, any report published as a result of this study, will not identify your name.

The study data will be securely kept by the study coordinator in CAMIS at least for 7 years. Only investigators can access the data.

Voluntary Participation: You are free to withdraw from the research study at any time, and your continuing education will not be affected in any way. If the study is not undertaken or if it is discontinued at any time, the quality of your education will not be affected. If any knowledge gained from this or any other study becomes available which could influence your decision to continue in the study, you will be promptly informed.

Contact Names and Telephone Numbers:

Please contact one of the following individuals if you have any questions or concerns:

Dr. Daniel Birch

Telephone: 780-735-4786



CONSENT FORM

Title of Project: **Web-based Interactive Multimedia Tools - an easy and interesting introduction to Bariatric Surgery**

Principal Investigator: Dr. Daniel Birch

Phone Number: 780.735.3786

| | <u>Yes</u> | <u>No</u> |
|--|--------------------------|--------------------------|
| Do you understand that you have been asked to be in a research study? | <input type="checkbox"/> | <input type="checkbox"/> |
| Have you read and received a copy of the attached Information Sheet? | <input type="checkbox"/> | <input type="checkbox"/> |
| Do you understand the benefits and risks involved in taking part in this research study? | <input type="checkbox"/> | <input type="checkbox"/> |
| Have you had an opportunity to ask questions and discuss this study? | <input type="checkbox"/> | <input type="checkbox"/> |
| Do you understand that you are free to withdraw from the study at any time without having to give a reason and without affecting your academic status? | <input type="checkbox"/> | <input type="checkbox"/> |
| Has the issue of confidentiality been explained to you? | <input type="checkbox"/> | <input type="checkbox"/> |
| Do you understand who will have access to your records? | <input type="checkbox"/> | <input type="checkbox"/> |
| Who explained this study to you? _____ | | |

I agree to take part in this study: YES NO

Signature of Research Subject _____

(Printed Name) _____ Date: _____

I believe that the person signing this form understands what is involved in the study and voluntarily agrees to participate.

Signature of Investigator or Designee _____ Date _____

THE INFORMATION SHEET MUST BE ATTACHED TO THIS CONSENT FORM AND A COPY GIVEN TO THE RESEARCH SUBJECT