

Visual estimation of blood loss on swabs by surgeons and anaesthetists in KwaZulu-Natal: an online survey study

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Blood loss estimation Survey

Thank you for participating in this survey which will serve part of my MMed.

1) UKZN BIOMEDICAL RESEARCH ETHICS COMMITTEE

Yes

No

(Do you agree to participate in the survey?)

Information Sheet and Consent to Participate in Research

Date: March 2022

Greetings.

My name is Sogendrin Gangen, I am an anaesthetist from the Department of Anaesthesia and Critical Care at the University of Kwazulu Natal.

All data and participant identifiers will be kept confidential, data will be de-identified prior to write up and submission

I invite you to consider participating in my MMed study that involves you completing an online survey. The aim and purpose of my research is to evaluate anaesthetist and surgeons' ability to estimate blood loss using soaked theatre swabs. The swabs have been soaked in pre-determined volumes of blood and thus your accuracy will be measured against these known volumes. The study is expected to enroll 150 participants and will include Kwazulu Natal medical officers, registrars, and specialists within the surgical and anaesthetic disciplines. It will involve assessing images of swabs soaked in predetermined volumes of blood and completing a survey form. The survey should take 5 to 10 minutes.

The images included in the survey are of blood-soaked swabs, hence the survey should be undertaken individually, with discretion, as it could be disturbing to non-medical persons.

I hope that my study will create the following benefits: to know the ability of medical practitioners' to accurately assess blood loss and to see if participant experience and specialty influence their estimation ability. The study could also highlight the necessity for more accurate measures to improve blood conservation.

This study has been ethically reviewed and approved by the UKZN Biomedical research Ethics Committee (approval number BREC/00002793/2021).

In the event of any problems or concerns/questions you may contact the researcher at (email: sogendrin@gmail.com or via 0844260598) or the UKZN Biomedical Research Ethics Committee, contact details as follows:

BIOMEDICAL RESEARCH ETHICS ADMINISTRATION
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Please note that participation in this research is voluntary and that participants may withdraw participation at any point, and that in the event of refusal/withdrawal of participation the participants will not incur penalty or loss of treatment or other benefit to which they are normally entitled.

Please estimate the blood volume soaked in this Raytex swab



8) Answer 2:

(Answer in millilitres (no decimals))

Please estimate the blood volume soaked in this Abdominal swab



9) Answer:

(Answer in millilitres (no decimals))

Please estimate the blood volume soaked in this Abdominal swab



10) Answer:

(Answer in millilitres (no decimals))