

INTRODUCTION

You are being invited to take part in a research study which aims to determine how low is your magnesium level after your tummy surgery.

Before you decide to participate it is important for you to understand why the research is being done and what it will involve. Please take the time to read the following information carefully. Talk to others about the study if you wish. Ask us if there is anything that is not clear or if you would like further information.

This study has been approved by the Eastern Health Human Research & Ethics Committee.

If you DO NOT wish to have your routine data included in the analysis, there is a form included in this leaflet that can be returned to our staff to communicate that wish.



WHY ARE WE DOING THE STUDY?

Magnesium is an essential macronutrient that exists in every human cell for the body to function, it plays a vital role in many body processes, including muscle (like heart muscles), nerve, bone health and mood. As such, inadequate magnesium in the body can cause a range of medical conditions and complications.

While many studies have been carried out in the intensive care setting, reporting that magnesium deficiency is prevalent in those critically ill patients, few studies have investigated this problem after major abdominal surgery. However, in practice, low magnesium is often seen after a major abdominal operation, in particular bowel surgery.

Given that magnesium is readily available and easy to administer, there is urgent need to know how bad the postoperative deficiency is so that correction can be made in a timely manner.

Do you have to take part?

No – participation is voluntary. If you DO NOT wish for your information to be included please sign the section at the end of this leaflet. This will not affect your treatment in anyway.

Information for
Patients and Families

Prevalence of Hypo- Magnesemia after Major Abdominal Surgery

easternhealth

WHAT INFORMATION IS COLLECTED?

All adult patients undergoing surgery routinely have details including their name, age, and hospital number recorded. This allows us to find your information in the hospital database.

In this study we will also collect information about the magnesium levels before and after your operation, and also, if magnesium is given during this period.

Only information that is routinely collected as part of standard medical care will be collected for study purposes.

If you consent to your data being confidentially accessed by the research team, a member of the research team will look at your medical records and collect the information as discussed above.

You are welcome to withdraw your consent at any stage.

QUESTIONS OR CONCERNS?

If you would like more information, or have any concerns about the privacy of your personal information, or wish to have your information NOT included in the study, please complete and return on admission the attached "Request for Exclusion of Data" form or contact the Principal Investigator or Researcher Nurse.

If you have any other concerns please contact Chairperson, Eastern Health Human Research Ethics Committee.

SAFEGUARDING YOUR PRIVACY

This study has been designed in accordance with the strictest privacy principles, including State and Commonwealth privacy laws, and has been reviewed by the Eastern Health Human Research Ethics Committee.

All information collected will remain confidential and be stored securely and only accessible to the study research team.

Contact Details:

Principal Investigator

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Eastern Health Human Research Ethics Committee

Contact: Chairperson
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REQUEST FOR EXCLUSION OF DATA

Study: Prevalence of Hypomagnesaemia after Major Abdominal Surgery

I have read the Information for Patients and Families leaflet regarding the purpose and methods of collecting information for the above study.

I have decided that I **DO NOT** want information about me to be included for analysis in the study.

Name:

Signature:

Date: _____ / _____ / _____

Please complete and return this form **ONLY** if you **DO NOT** want your routinely collected information included for analysis in the

Information Leaflet V1.0

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