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Brain Imaging in Anorexia Nervosa PARTICIPANT INFORMATION SHEET

Investigators

1. Professor Dirk De Ridder, Department of Surgical Sciences.
2. Associate Professor Patrick Manning, Endocrinologist, Department of Medicine.
3. Professor Paul Glue, Department of Psychological Medicine.
4. Trudy Dent, Clinical Nurse Specialist, Ashburn Clinic Eating Disorder Service.
5. Samantha Ross, Assistant Research Fellow, Department of Medicine.
6. Dr Sook Ling Leong, Assistant Research Fellow, Department of Surgical Sciences.

Anorexia Nervosa is a significant health problem in New Zealand. Research shows that there may be underlying individual causes related to reward processing in the brain which encourages undereating. We are undertaking a study looking at the changes in brainwave activity among individuals currently diagnosed with Anorexia Nervosa. This will be performed using EEG which is a method used for measuring the brain's electrical activity. It involves placing a cap fitted with electrodes onto the head and applying a small amount of gel to the scalp. This is a painless procedure.

Each participant will visit the study centre for one morning for a 2-hour EEG procedure where we will record the brain activity while fasting and during the completion of the Leeds Food Preference Task (i.e., a computer based food stimuli task). Questionnaires will be performed at various intervals to determine mood and various appetite-related variables.

General aspects

Your participation in this study is entirely voluntary. You do not have to take part and you may withdraw at any time. At the conclusion of this study the results will be discussed with you. We will also provide you with a written summary of the study if you are interested. It is planned that the results of this study for the group as a whole will be published in a medical journal. Any information relating to you specifically will be kept in confidence.

If you have any queries or concerns about your rights as a participant in this study, you may wish to contact the local Health and Disability Services Consumer Advocate

telephone: (03) 4790265 or freephone 0800 377 766 or

Free fax: 0800 2787 7678 (0800 2 SUPPORT) or

Email: advocacy@hdc.org.nz

If there is a specific Maori issue or concern, please contact Linda Grennell at 0800 377 766

If you have any questions..

If you have any questions about the study, either now or in the future, please contact:

Samantha Ross on (03) 470 9911 or samantha.ross@otago.ac.nz or

Sook Ling Leong on (03) 470 9911 or sookling.leong@otago.ac.nz

Principal Investigator: **Professor Dirk de Ridder** on (03) 474 0337

Department of Surgical Sciences, 6th Floor, Dunedin Hospital, 201 Great King Street, Dunedin

This study has received ethical approval from the Lower South Region Ethics Committee

CONSENT FORM FOR PARTICIPANTS

BRAIN IMAGING IN ANOREXIA NERVOSA

English	I wish to have an interpreter.	Yes	No
Deaf	I wish to have a NZ sign language interpreter	Yes	No
Maori	E hiahia ana ahau ki tetahi kaiwhakamaori/kaiwhaka pakeha korero.	Ae	Kao
Samoan	Oute mana'o ia iai se fa'amatala upu.	Ioe	Leai
Tongan	Oku ou fiema'u ha fakatonulea.	Io	Ikai
Cook Island	Ka inangaro au i tetai tangata uri reo.	Ae	Kare
Niuean	Fia manako au ke fakaaoga e taha tagata fakahokohoko kupu.	E	Nakai
Tokelaun	Ko au e fofou ki he tino ke fakaliliu te gagana Peletania ki na gagana o na motu o te Pahefika	Ioe	Leai
Fijian	Au gadreva me dua e vakadewa vosa vei au	Io	Sega

Please tick to indicate consent to the following:

I agree to take part in the research study titled above having had time to consider participation.	<input type="checkbox"/>
I have read and understand the participant information sheet dated XXXXX for volunteers taking part in the study using EEG to measure brain electrical activity.	<input type="checkbox"/>
I have had the opportunity to discuss this study with the study doctor/nurse. I am satisfied with the answers I have been given and that I have had sufficient time to consider whether to participate.	<input type="checkbox"/>
I have had the opportunity to use whanau/family support or a friend to help me ask questions and understand the study.	<input type="checkbox"/>
I understand that taking part in this study is voluntary (my choice) and that I may withdraw from the study at any time. This will not affect my continuing health care.	<input type="checkbox"/>
I understand that my participation in this study is confidential and that no material, which could identify me personally, will be used in any reports on this study.	<input type="checkbox"/>
I understand that my involvement in this study will be stopped if it should appear harmful.	<input type="checkbox"/>
I understand the compensation provisions for this study.	<input type="checkbox"/>
I know who to contact if I have any side effects from the study.	<input type="checkbox"/>
I know who to contact if I have any questions about the treatments used in the study or the study in general.	<input type="checkbox"/>
I consent to the researchers accessing and reviewing my hospital records as necessary for the purposes of study participation.	<input type="checkbox"/>
I agree to my GP being notified of my participation in this study and to my GP / specialist providing relevant information as requested by the study site.	<input type="checkbox"/>
I wish to see a copy of the results from the study.	<input type="checkbox"/>

I _____ hereby consent to take part in this study.

(Full name of participant)

Signature of participant: _____ Date: _____

Project explained by: _____ Investigator/Research Nurse

Signature: _____ Date: _____

Name: _____

(Advertisement for healthy individuals)

Food for thought

Would you like to know how your brain responds to food?



We require volunteers for a one off visit (8am – 10am approx)

- Female/Male
- Aged 25-65 years
- Have a BMI between 18 to 25
- Do **NOT** have heart disease
- Do **NOT** have diabetes

For more information about this study or to express interest, please contact either:

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Email: sookling.leong@otago.ac.nz

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Principle Investigator: Professor Dirk De Ridder



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