



**CHILDREN'S & WOMEN'S HEALTH
CENTRE OF BRITISH COLUMBIA**

Research Study Advertisement

Study Title: Comprehensive Characterization of Genetic Disorders of Body Weight

Principal Investigator: William T. Gibson, MD, PhD, FRCPC, FCCMG

Introduction: Obesity is a major risk factor for type 2 diabetes, as well as multiple other diseases (heart disease, fatty liver, some types of cancer). Since 1981, the number of Canadian children and adults with obesity has increased 5 times. This study is designed to discover new genes that contribute to obesity, and to assess how these genes affect hunger and body fat deposition. We are interested in recruiting children and adults with rare diseases affecting body fatness, in order to discover the molecular nature behind their changes in appetite and body fatness. We also wish to define the medical features of these diseases with greater precision.

Who is conducting the study? Dr. William T. Gibson and his collaborators at the Children's & Women's Health Centre of BC in Vancouver.

Purpose: The purpose of this study is to search for the causes of rare diseases affecting body fatness.

Participation is voluntary: You can withdraw at any time.

Who can participate in the study? All individuals with rare diseases affecting body fatness, of genetic or unknown cause, are invited to participate in this study. Immediate family members (parents, brothers, sisters, children) are also invited to participate.

What does the study involve? This research will be conducted at Children's & Women's Health Centre of BC in Vancouver.

Procedures: Clinical examination and the donation of a small amount of blood. A sample of visceral and/or subcutaneous fat may be requested only if you are having elective surgery (eg gastric bypass).

Who do I contact if I have questions about participation in the study? If you or your child wish further information about this study, you can contact Dr. William Gibson or his Research Manager, Marion Thomas at 604-875-2000 ext. 4927 or mthomas@cw.bc.ca.

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