

Sequencing to improve the understanding of the genetics of cerebral palsy

The Liggins Institute in collaboration with Te Toka Tumai | Starship Children's and Auckland City Hospital and the NZ Cerebral Palsy Register are conducting a study using DNA sequencing to improve our understanding of the genetics of cerebral palsy in Aotearoa | New Zealand. There is an emerging understanding that genetic factors contribute to some cases of cerebral palsy.

Genes are pieces of DNA that contain the instructions for how your body works. Every cell in your body contains thousands of these genes.

"Whole genome sequencing" lets us look at all your genes at the same time. This means it is a fast way to search for potential disease-causing changes inside and outside of genes.

Do you or your child live with cerebral palsy?

Would you like to find out more about how you can contribute to understanding cerebral palsy?

Call or email to find out if you can participate in this study.

Your potential involvement:

- Meet with a genetic counsellor or clinical geneticist who will explain the study to you, ask you some simple questions, and obtain your consent to be part of the study. Your information will be reviewed by the project team to confirm the study is right for you

If you are eligible, you will be asked to:

- consent for review of your clinical record
- consent to be registered on the New Zealand cerebral palsy register
- answer questions about you or your child's past medical history
- have two blood samples collected for whole genome sequencing
- attend a follow up visit with a genetic counsellor and/or geneticist to discuss the results of your test

If you would like more information on this study, please contact

Email:

CPgenes@auckland.ac.nz

Phone:

021 852 051