

WHAT IS INVOLVED IN PARTICIPATING?

For the parents, we will ask you a series of questions about your health and family history. We would like to conduct a breathing test to measure how well your lungs work and also do skin tests to see if you have any allergies. We would also like to learn about your home environment to understand what you are being exposed to in your surroundings.

For baby, we will record the delivery details and health of your baby at birth. We would request your baby's cord blood, which is normally discarded, for genetic and immune testing. After your baby is home we would also like to see your baby at 3 months in your home and then at 1 year, 3 years and 5 years of age to follow growth and development, and undertake various breathing tests.

CAN I WITHDRAW FROM THE STUDY IF I WISH?

The study will be explained to you, and you will be asked for your consent to participate. You are free to withdraw from the study at any time without providing a reason.

WHO IS DIRECTING THE STUDY?

The national Principal Investigator for this study is Dr. Malcolm Sears, Firestone Institute for Respiratory Health, St. Joseph's Healthcare and McMaster University, Hamilton, Ontario.

National lead investigators include:

Toronto:	Dr. PJ Subbarao
Winnipeg:	Dr. Allan Becker
Edmonton:	Dr. Piush Mandhane
Vancouver:	Dr. Stuart Turvey

At Mt. Sinai Hospital:



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THE
Canadian
Healthy
Infant
Longitudinal
Development Study



You are invited to participate in a national research study that involves 5,000 families from four cities across Canada. You are being invited because you are pregnant and are planning to give birth at this hospital.



www.canadianchildstudy.ca

WHAT IS CHILD?

CHILD is a new National Study of 5,000 children born in different provinces across Canada. The full title of the study is The Canadian Healthy Infant Longitudinal Development (CHILD) Study.

By “longitudinal development” we mean we would like to see you and your child on several occasions to observe your child’s growth over time.

This type of longitudinal study is called a “birth cohort” because all of the children in this study were born in the same time period.

WHY IS THIS RESEARCH BEING DONE?

There is a growing concern about the possible effects of the environment on our health. In particular, since infants spend the majority of their time indoors, there is intense interest on the impact that indoor air quality may have on the health of our children.

CHILD

The Canadian Healthy Infant Longitudinal Development study

Our indoor environment has become a public health priority. Growing evidence suggests that unseen environmental substances we are exposed to in our living spaces may have an effect on children’s health and development.

WHAT IS THE PURPOSE OF THIS STUDY?

The main purpose of this study is to learn what factors in the environment may be related to children’s health and development. One example of possible environmental health effects is the dramatic increase over the last 20 years of allergic diseases, such as environmental allergies, food and pet allergies, eczema, allergic rhinitis, and asthma. We want to collect information about your child’s health and surroundings over the next five years to identify factors that may be driving these conditions. This will help to

make a healthier and safer environment for future families and affect quality of life for all children.

WHO IS PAYING FOR THE STUDY?

The study is supported primarily by the Canadian Institutes of Health Research (CIHR), and the Allergy, Genes and Environment Network of Centres of Excellence (AllerGen NCE). This central funding will be supplemented by other research agencies.

WHO CAN I TALK TO ABOUT THE STUDY?

Mt Sinai CHILD Study Research Coordinators:

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Check our website:

www.canadianchildstudy.ca