

## Infant General Movement Sensing Healthy Term Infants

**What is this study about?** This project is about learning new ways to measure how children move during the early stages of their development. Certain patterns in the way that young infants move their hands and feet may give insight into how their brain is developing. Measuring those patterns may help identify infants who are developing more slowly and may require help earlier than they would otherwise. This study uses new wearable sensor technology to safely and accurately measure motor development.



This study seeks 12 babies born at term. If your baby was born between 38-41 weeks gestation (term) we would like to discuss with you whether you would like to participate in the study.

**Inclusion criteria:** Infants 3 months (corrected age) or younger:

- who were born at term (38-41 weeks)
- who did not have any complications prior, during, or directly following delivery

**What do you need to do?** If you want to participate please contact our researchers. We will provide more information about the study and seek informed consent to participate. You will visit our research centre at Child Health Research Centre (CHRC) in south Brisbane for four (4) different visits to assess your infant. We will place small sensors and reflective markers on your baby's hands, feet, chest, and forehead to measure how they move over a short period of time. We will also take video of the baby's movements to compare to the data that we collect using the sensors.

### Benefits:

- your baby will have assessments to check their development
- you will receive a summary report of your child's assessment results
- you will be assisting us to gather information that may improve the care of babies at risk of delayed development and provide better outcomes for their future.

If you would like to find out more or know someone who might be interested, please contact:

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