murdoch children's research institute

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Translational Centre for Speech Disorders
Centre of Research Excellence

Speech Tracker: Research into speech, language, and non-verbal communication development over time in individuals with *FOXP2* variants

This study builds on our previous research showing that speech and language is a core challenge for many children and adults with *FOXP2*-related disorders (intragenic deletions and loss-of-function variants) (Morison et al., 2022)

In this new study, we are studying communication development **over time**. This data will help us better understand prognosis and will help us develop more targeted speech therapies.

We are looking for individuals:

- Confirmed to have a *FOXP2* loss-of-function variant or *FOXP2* intragenic deletion by a genetic test
- Aged 6 months to adulthood
- Who are verbal or non-verbal
- Who speak English, German, Dutch, Italian, French, Portuguese, Spanish

What is involved?

- Enrol using the QR code → or email us at: speechtracker@mcri.edu.au
- Completing brief online surveys of language skills once a year (families who have taken part in our previous research may have already completed some of the required suveys, and these can be reused for this study)
- Completing quick 15 minute speech tasks from home 2 times a year

About us

The Translational Centre of Research Excellence for Speech Disorders examines speech and language in individuals with rare genetic conditions.

We are trying to better understand the strengths and difficulties of communication in children with rare genetic syndromes. Our longer-term aim is to help develop better targeted therapies.

GET IN TOUCH!

If you or someone you know may be interested in helping with this research, we would love to hear from you. Contact us at:

speechtracker@mcri.edu.au

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This project has been approved by the Royal Children's Hospital Human Research Ethics Committee (RCH HREC Reference Number 37353)