Waipapa Taumata Rau
University of Auckland

## Liggins Institute Research

# DEFEND Study

### Treating low blood sugar in newborn babies

We're giving you this information so you can become familiar with the study in case it is relevant for your baby.



# Why have I been given this information?

Your baby may have a higher than average chance of developing low blood sugar levels after birth. This means they will have their blood sugar checked as part of usual care.

If they do develop low blood sugar, they may become eligible for the DEFEND Study.

## What normally happens?

1. **Blood sugar checked.**
   Routine care.
2. **Blood sugar is low.**
   This may not happen. But if it does?
3. **First treatment.**
   Dextrose gel + Feed.
4. **Check again.**
   30-60 minutes later.
5. **Still low? DEFEND?**
   Second treatment.

# What is the DEFEND study?

If your baby's blood sugar is still low after the first treatment, we do not yet know which treatment is better to give next. DEFEND compares two treatments already used in routine care:

**Repeat dextrose gel + feed**

A second dose of dextrose gel, followed by breastfeeding or breast milk feeding

**OR**

**Infant formula**

A single formula feed given as a treatment for the low blood sugar

If your baby takes part, we will collect information about your pregnancy, birth and your baby's care.

## Do I need to decide now?

If your baby may be eligible, the study team will explain DEFEND, answer your questions and give you the full Participant Information Sheet before asking for written consent.

**Ask questions | Your choice | Usual care will not be affected**



## Questions?

Talk with your midwife, doctor or a member of the DEFEND study team (DEFEND@auckland.ac.nz).

## Liggins Institute

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**Scan for video and website**

**auckland.ac.nz/defend-study**

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