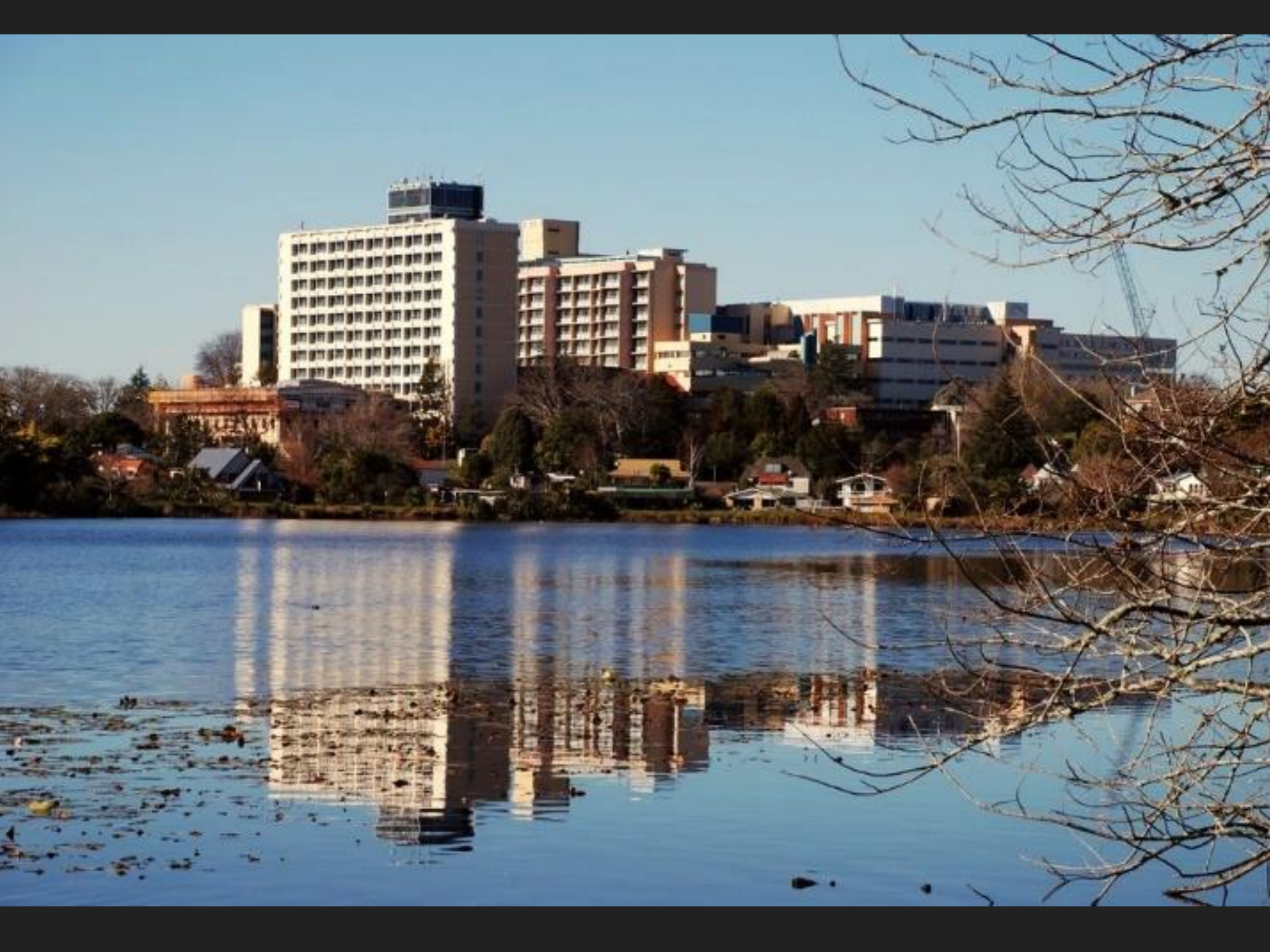


# Nurses and Families a Partnership in Research

Rebecca Sisterson RN



# Overview

- Nurses and families
- Resources and active recruitment
- Bedside nurses involvement in research

# What is Informed Consent?

- Competent
- Sufficient Information
- Voluntary



# Cultural Considerations

- What does the family need

# Clinical Trials Pamphlet

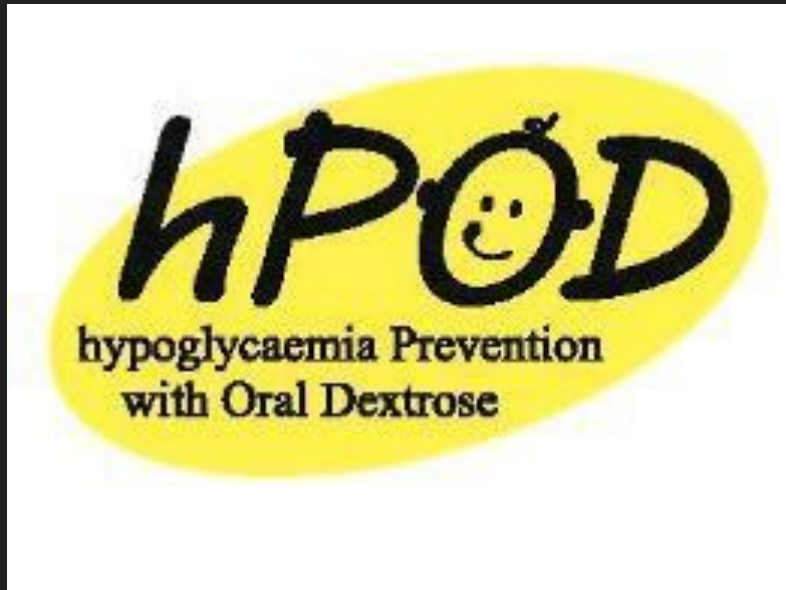
- Background
- Aim
- What participation involves
- Eligibility
- Significance



**Active  
Recruitment**



# hPOD-Hypoglycaemia Prevention with Oral Dextrose



To determine if oral 40% dextrose gel shortly after birth will prevent low blood sugars in babies at risk of hypoglycaemia, reducing admission to a NICU/SCBU

# hPOD-Eligibility

- $\geq 35$  weeks
- Large for gestational age
- Small for gestational age
- Infants of diabetic mothers
- Mother intending to breast feed
- No indication for admission to SCBU/NICU

# hPOD-Method

- Gel dosage 0.5mls/kg
- Study gel administered at 1 hour of age
- Gel administered via buccal mucosa
- Standard blood sugar monitoring

# hPOD- Recruitment

- Diabetic Clinic
- Antenatal Ward
- Womens Assessment Clinic/ Delivery Suite

# ProVIDE- Protein in IVN: Impact on Development

The ProVIDE Study  
Protein IVN: Impact on Development

To establish if giving extra protein in the first week of life, improves growth and brain development in extremely low birth weight babies

# ProVIDE-Eligibility

- <1000g
- UAC
- Admitted to a NICU <24 hours
- No abnormalities; affecting inborn error of metabolism
- Singleton or twin pregnancy

# ProVIDE-Method

- Randomised < 24 hours
- 5 days
- Blood testing on day 1 and day 5
- Intermittent growth measurements
- Follow up at 2 years

# ProVIDE- Recruitment

- Antenatal Ward
- NICU post delivery
- Waiver of consent for 24 hours



# GLOW-Glucose in Well Babies



To describe the normal blood sugar concentrations in healthy term babies, during the first five postnatal days.

# You could have a GLOW baby!

## Inclusion criteria

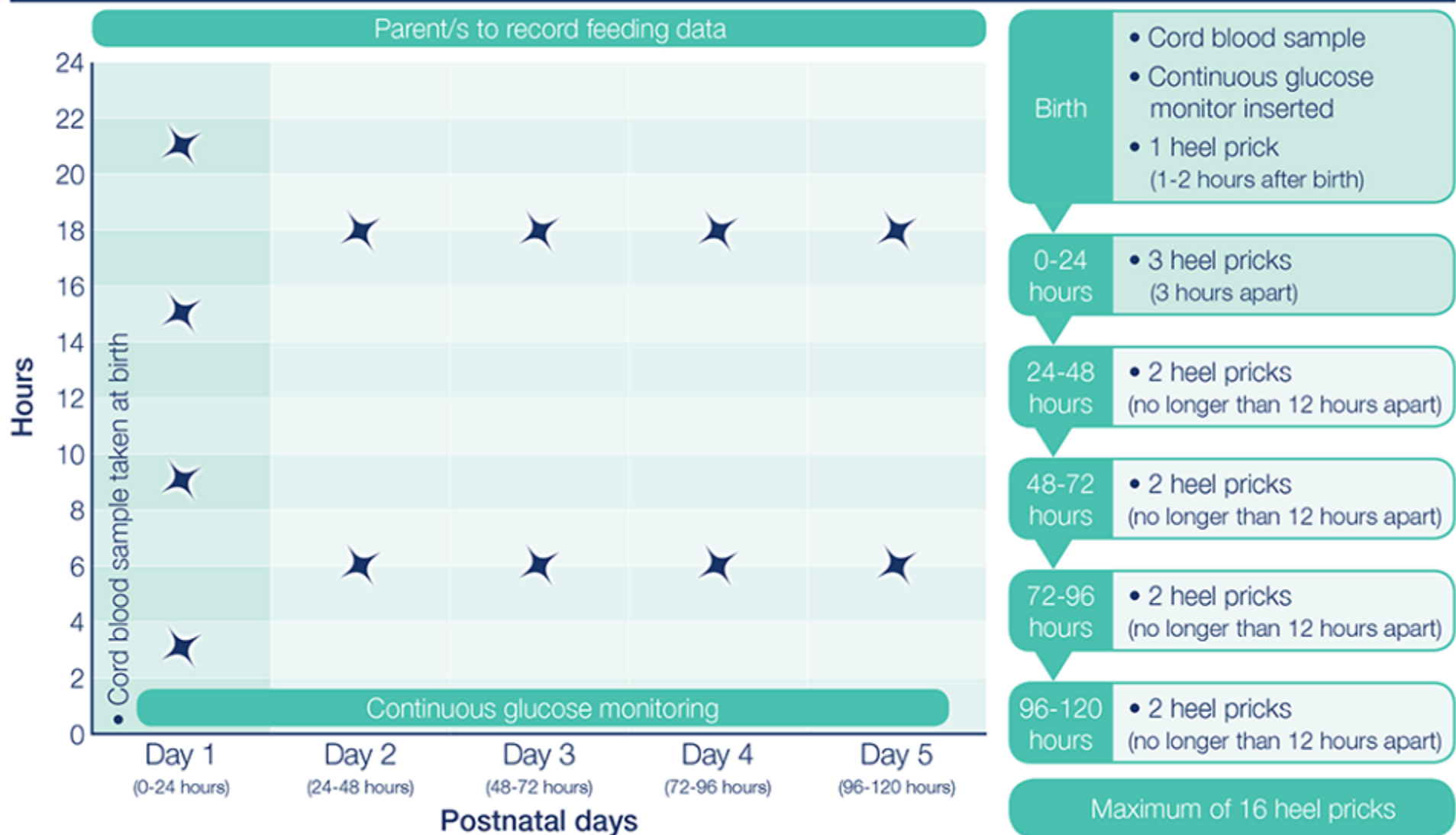
- Babies**
- Singleton
  - 37 to 42 completed weeks' gestation
  - Appropriate weight for gestation age (birthweight  $\geq$  10th centile and  $\leq$  90th centile)
  - Living within the greater Hamilton area
- Mothers**
- Body Mass Index  $> 18.5$  or  $\leq 30$  kg/m<sup>2</sup> before 20 weeks

## Exclusion criteria

- Babies**
- Apgar score  $< 7$  at five minutes of age
  - Skin conditions preventing the attachment of the continuous glucose monitor
  - Unwell for any reason
- Mothers**
- Diabetes, drug dependency, or using medications that may affect the baby's blood glucose concentration e.g. steroids

# Procedures for babies enrolled in the GLOW Babies Study

An observational study to determine the normal glucose profile in healthy babies







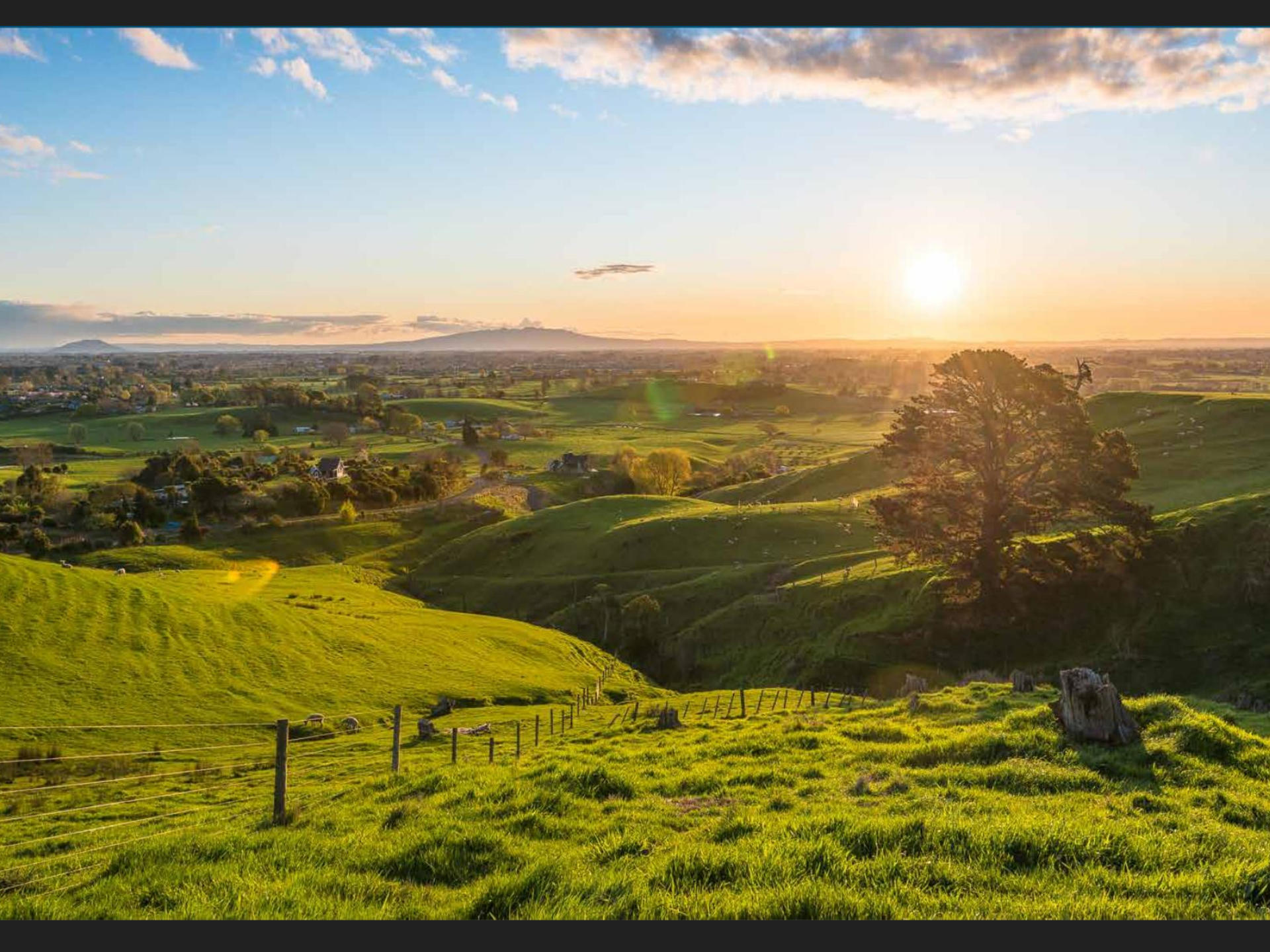
Our **GLOW** baby  
is going swimmingly!

**GLOW**  
babies study  
an observational study to determine the  
normal glucose profile in healthy babies



Meet the  
GLOW team

GLOW  
babies study  
an observational study to determine the  
normal glucose profile in healthy babies



The Facebook logo, consisting of the word "facebook" in a white, lowercase, sans-serif font, centered within a solid blue rectangular background.

facebook

○ <https://www.facebook.com/GlowBabiesStudy>



# GLOW Facebook Page

“...We really enjoyed the visits and the chats, it became part of our normal routine and we will miss them. To not only be part of a study to help others but to receive the best care possible from birth was a luxury and provides us with reassurance just from the visits that we had a healthy baby.

The team gave us all the time and information we needed and the whole experience was relaxing, such lovely people...”

“...I didn't mind taking part in the study at all, it was super easy and I slept through nearly every heal prick...”

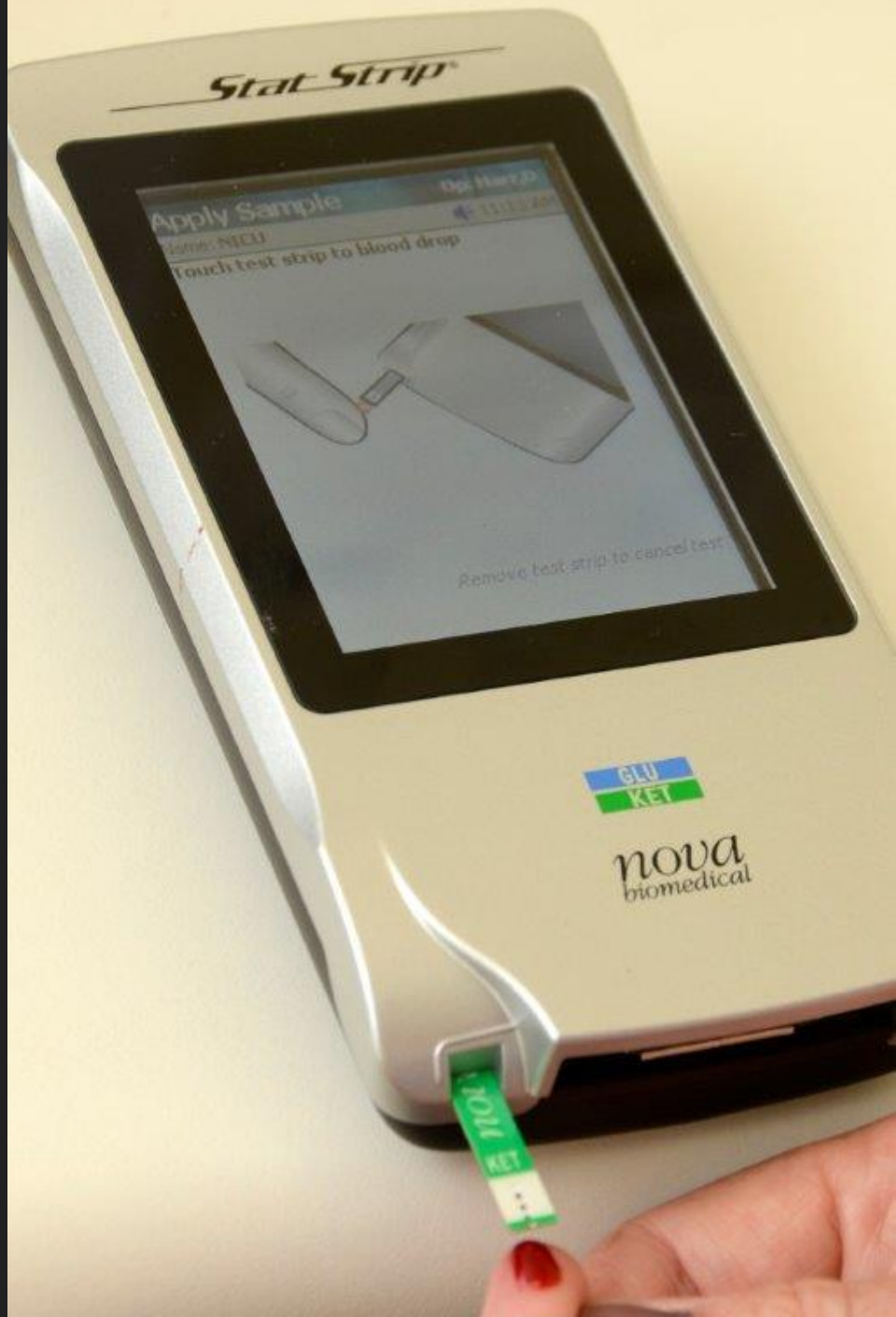
# ROCKET-Reliability of Point of Care Ketone Trial



To determine the accuracy of the Point of Care Testing analyser to obtain results for ketones

# ROCKET-Eligibility





Stat Strip

Apply Sample

Touch test strip to blood drop

Remove test strip to cancel test

GLU  
KET

nova  
biomedical

GLU  
KET

# ROCKET-Bedside Nurse

- Discussion with family
- Consent
- Blood testing
- Case report form
- Publish and present results

# Nurses and Research

- Discuss studies
- Consents
- Data Collection
- Support

# What can you take back to your unit?

- Research is not scary
- Engage nurses in research
- Empower nurses in the process

# Summary

- What informed consent involves
- Clinical trials pamphlet
- Review current studies
  - Nurses role



# Acknowledgements

- Dr Deborah Harris
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- Christine Woolerton (CNM)



Questions?