



August 2006



# DINO Study Parent Newsletter

Flinders Medical  
Centre,  
Adelaide

King Edward Memorial  
Hospital,  
Perth

Royal Brisbane &  
Women's Hospital,  
Brisbane

Royal Women's  
Hospital,  
Melbourne

Women's & Children's  
Hospital,  
Adelaide

## Study Update

Welcome to the third edition of the DINO Parent Newsletter. The purpose of this newsletter is to keep you informed regarding the study's progress.

It is two years since the first baby was enrolled and there are now more than 500 babies taking part in the DINO study from all over Australia.

The aim of the DINO study is to work out

whether increasing the amount of Docosahexaenoic Acid (or DHA), that a premature baby receives, can improve their long term growth and development. To assess this, we are using the Bayley Scales of Infant Development (BSID), an internationally validated assessment of development which is performed by a registered

psychologist. Recruitment for the study finished in August 2005, so far 206 babies have completed their Bayley assessments at 18 months corrected age.



*A premature baby in the Neonatal unit*

Docosahexaenoic Acid (DHA) is a long chain, omega 3 fatty acid which is essential for brain and retinal development in babies

## Contact Details

It is very important that we assess all babies who were enrolled in the study to ensure that we get an accurate picture of the effect of the study treatment. This will help us to determine if DHA can help in the development of preterm babies.

Some of the families involved in the study are completing their follow up appointments in countries as far away as

Japan, Canada and Texas!

It can be difficult for us to get in touch with you if your details change. Please help us by informing the DINO Study Coordinator at your hospital if you, or any of your listed contacts have changed their details. Contact details for each of the DINO study coordinators are listed on the back of this newsletter.



# The Bayley Assessment



The Bayley's is a play based developmental assessment that is conducted at the 18 month appointment.

© If possible, try to arrange your appointment time in between your baby's sleep times. This way your child will be fresh and alert.

© This appointment will take approximately 2 hours in total.

© Please notify your study coordinator if sickness or an emergency prevents you from

attending at the arranged time.

© It can be distracting for the child undergoing the test if additional people are present in the room. If possible, it is helpful to bring another adult with you to care for siblings during the test.

Please remember to return your Home screening questionnaire and if you have any queries regarding the 18 month appointment, don't hesitate to contact your Hospital DINO study coordinator.

The 18 month appointment is due when your child is 18 months corrected age. This is 18 months from the date he/she should have been born.

## Coordinator Contact Details

### **Karen Bellchambers**

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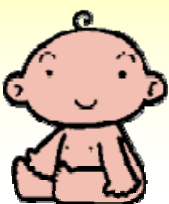
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Thankyou for your contribution to this important neonatal study.



## DINO WWW Page

If you have missed any of the previous editions of the DINO Parent Newsletter, please have a look at our web page at:

[www.wch.sa.gov.au/research/trials/babies/dinostudy.html](http://www.wch.sa.gov.au/research/trials/babies/dinostudy.html)

This Web page contains information about the study as well as a list of contacts from all of our participating hospitals. You will also find a 'change of contacts' form which you can either email, fax or post to your hospital coordinator should your details change.

### Child Nutrition Research Centre

The Child Nutrition Research Centre is a joint venture of the Child Health Research Institute, Flinders Medical Centre of the Southern Adelaide Health Service and the Women's and Children's Hospital of the Children, Youth and Women's Health Service.  
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