



WELCOME!

We hope you enjoy reading about our research updates from the Centre for Kidney Research!

NEAT Study

This NHMRC (National Health and Medical Research) funded clinical trial is progressing well with 183 patients recruited over the past year. The participants on this study receive the use of a nocturnal enuresis alarm for up to 16 weeks with the aim of curing their bedwetting. The children are randomly allocated to one of two different types of alarm with the aim of seeing which one produces the highest cure rate, and the best long term outcome. Children are then followed up for 12 months. Some of the first participants enrolled are about to reach their 12 month follow up point, with encouraging results. Not only have a large number of children stopped wetting, a lot of these children have remained dry. Over 150 children are still needed for the trial, so there is still time for more children with bedwetting to join the trial. If you wish to know more about this study or whether your child might be eligible to participate, then please contact the NEAT Study team by phone on 0429468883 or by email MariannK@chw.edu.au. Our thanks to all the families who have already joined the NEAT Study and are providing us with valuable information.

DETECT Study

"Detecting Bowel Cancer through Screening in Chronic Kidney Disease" (DETECT) Study is a new research study commencing shortly, involving screening and early detection of bowel cancer in people with kidney disease. People aged 50-74 who are on dialysis, have had a kidney transplant or those who have early stage kidney disease will have the opportunity to be involved in the study. The study aims to assess the test performance, the costs, benefits and outcomes of screening for the kidney disease population.

Did you know...

Colorectal cancer is the second most common solid organ cancer in the end-stage kidney disease population

ARDAC Study

The ARDAC (Antecedents of Renal Disease in Aboriginal Children) Study began in 2002 and has been monitoring kidney and cardiovascular health of approximately 2000 Aboriginal and non-Aboriginal children and young people. We hope to discover why Australia's Aboriginal population experience such a high burden of chronic kidney disease.

ARDAC has already had a busy start to the year with screening visits around the Mt Druitt area in Sydney. They had a successful trip in March to the communities of Broken Hill, Wilcannia and Menindee. They screened approximately 150 previous and new participants in these communities! Thankyou to all the schools, staff, health workers and participants for supporting the ARDAC study. The ARDAC team will be visiting Bourke, Brewarrina, Walgett and Coonamble in May this year. These are new areas and the team are looking forward to meeting staff and students in these communities. Rita Williams, our Senior Aboriginal Health & Education Officer, spent 2 weeks in April consulting with schools and health workers in these areas and it's great that they will be supporting the Kidney Health Study!

Did you know...

The ARDAC Study performs kidney and cardio-vascular health checks every 2 years and study participants come from schools and communities all over NSW.

CKR Laboratory

The renal laboratory has been working on the issues of tolerance in glomerulonephritis in particular the use of Tregs (a special kind of white blood cell) as a treatment for kidney disease. It has also expanded its work in Transplantation to working on issues related to tolerance in islet and kidney transplantation. We continue to collect DNA on families for the Kidney Gene Bank and are investigating a number of kidney related genes. The work is funded by the NHMRC NIH (National Institute of Health) and JDRF (Juvenile Diabetes Research Foundation) as well as longstanding support from Auto-One, the AOOB and the Honan foundation.

Did you know...

The three top causes of Chronic Kidney Disease in Australia are diabetes (34% of new cases), nephritis or inflammation of the kidney, (22% of new patients) and high blood pressure (hypertension, 14% of new cases)

CKR NEWS

FEVER Study

CKR Staff Profile

Professor Jonathan Craig

The National Kidney Foundation's 2010 International Distinguished Medal Winner



We would like to congratulate our own Professor Jonathan Craig, head of our clinical research, on being awarded The National Kidney Foundation's 2010 International Distinguished Medal in the United States. He has achieved this honour because of his outstanding contribution to the study of kidney disease in

children and adults. Apart from his role as a Nephrologist at the Children's Hospital at Westmead and his commitment to the School of Public Health at The University of Sydney, he is the Coordinating Editor of the Cochrane Renal Group and Co-Chair of the Cochrane Collaboration Steering Group.

We at CKR are very proud of his amazing achievements!!

cochrane renal group
A REVIEW GROUP OF THE COCHRANE COLLABORATION

HAPPY BIRTHDAY COCHRANE RENAL GROUP!!

The Cochrane Renal Group has been housed in the Centre for Kidney Research since 2000 and is this month celebrating 10 years in Australia. The group is responsible for identifying research trials concerned with kidney disease and analysing trial data for relevance and quality. They ensure that this is collated and the most up to date research is available in the Cochrane Database of Systematic Reviews. Cochrane Reviews help providers, practitioners and patients make informed decisions about health care, and are the most comprehensive, reliable and relevant source of evidence on which to base these decisions. [See our celebrations....](#)

Did you know...

The Cochrane Collaboration is an international, independent, not-for-profit organisation of over 27,000 contributors from more than 100 countries and you can access Cochrane systematic reviews for free at <http://www.thecochranelibrary.com/view/0/index.html> Each review has a consumer summary to help lay people understand its message.

The FEVER Study was a trial of a computerised decision support system to assist doctors in diagnosing febrile children with serious bacterial illnesses in the emergency department. This trial was conducted at The Children's Hospital at Westmead. The results were recently published in the British Medical Journal (BMJ) and showed that the clinical diagnostic model that we developed could be useful to improve decision making in the emergency department and improve early treatment for febrile children with a serious bacterial illness.

BMJ helping doctors make better decisions

Did you know...

Febrile illnesses (fevers) are the most common reason why children are brought into emergency departments.

WORLD KIDNEY DAY 2010!!

The staff of CKR organised a BBQ and raffle to celebrate World Kidney Day on 3rd March! Everyone enjoyed the visit from Billy the Kidney and a representative from Kidney Health Australia who came along to celebrate and talk about their KIDney CHAT newsletter. Some of our staff and volunteer nurses from Clancy ward served a BBQ lunch and checked blood pressures for hospital staff and visitors and offered information about keeping kidneys healthy. Thanks to all our volunteers!



Above: Rachael Kearns, one of the Registered Nurses working on the ARDAC Study, with Billy the Kidney.

Further information

For any questions regarding the **CENTRE FOR KIDNEY RESEARCH Newsletter**, please contact Narelle Williams on 02 98451473 or email narellw4@chw.edu.au.

OUR WEBSITE!!

For further information about CKR you may like to visit our website at: www.kidney-research.org