



# Research Bulletin from the Diabetes Trials Unit Translational Research Group

Issue 3 – July 2011

Welcome to the 3<sup>rd</sup> edition of our research bulletin. It has been a busy few months, and we are delighted to report on our recent progress.

## RESEARCH NEWS IN BRIEF

- **Countdown to the results of our first trial** – Results of our oral glucose testing trial will be posted this autumn on [www.dtu.ox.ac.uk/trg](http://www.dtu.ox.ac.uk/trg).
- **Explaining our work to the public** – We are updating our existing website to include a patient specific area, which will feature, accessible information about our research, details on how volunteers can get involved and even a diabetes quiz.
- **Research Register Update** – An impressive total of 426 members of the public have now joined our research register. So far, it's a 40:60 split between ladies and gentlemen with an age range of 18-85. Thank you for your support, and please continue to get involved.

## FIRST STUDY – RECRUITED FULLY IN 11 WEEKS

- **Oral Glucose Tolerance Test device trial**  
The Group's first trial completed recruitment in just 11 weeks this summer. With 30 participants to find, both with and without type 2 diabetes, this proved to be a busy time for those involved. The results are due to be reported this autumn so please keep an eye on our website for details: [www.dtu.ox.ac.uk/trg](http://www.dtu.ox.ac.uk/trg)

## UPCOMING STUDIES

The TRG has plenty of research trials in development at the moment.

- **Aspirin Dosing Trial.** Expecting to start early this Autumn, this trial is looking to recruit a total of 24 patients with type 2 diabetes aged 18-54.

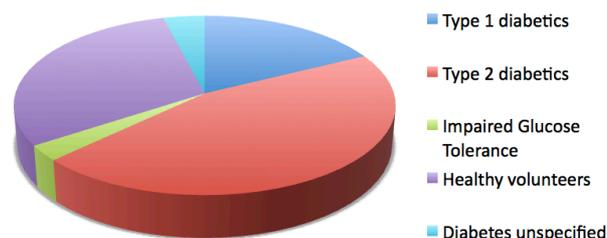
This study will assess whether doubling the dose of aspirin, or taking it twice-daily rather than once-daily, could have a positive effect in people with diabetes. Specifically, it will assess if the clotting activity in the blood of

patients with type 2 diabetes can be lowered, which could play a role in reducing heart disease in this group.

- **DPP-4 inhibition in Type 1 diabetes.** This study will investigate whether the addition of an oral tablet already used in *type 2* diabetes could improve blood sugar control in patients with *type 1* diabetes when added to their existing insulin treatment. We are seeking a total of 30 patients with type 1 diabetes to take part in this study.
- **HOMA Calibration Study.** This will help provide doctors with a way to inform future treatment decisions for individual patients with diabetes. It aims to standardise a mathematical model that provides estimates of insulin production and loss of insulin sensitivity. This study requires 50 healthy volunteers that do not have diabetes.

## JOIN OUR RESEARCH REGISTER

OCDEM is a very active research centre and we are always looking for volunteers, with or without diabetes, to join our research register. Here is a breakdown of our current members:



If you, or someone you know, would like further details on any of our upcoming studies, or is interested in joining our research register, please head to our TRG website at [www.dtu.ox.ac.uk/trg](http://www.dtu.ox.ac.uk/trg).

## FIND OUT MORE

For further information about our Group and what we do please visit our website, [www.dtu.ox.ac.uk](http://www.dtu.ox.ac.uk), or E-mail us at [trg@dtu.ox.ac.uk](mailto:trg@dtu.ox.ac.uk).