



# Research Bulletin from the Diabetes Trials Unit Translational Research Group

Issue 4 – November 2011

Welcome to the autumn edition of our research bulletin. We've had a busy summer, and are delighted to report on our progress!

## RESEARCH NEWS IN BRIEF

- **Updated website now live** – We have made some changes to our website to provide more information to the public about our research, and how volunteers can get involved. We hope you find this useful and interesting - head to [www.dtu.ox.ac.uk/trg](http://www.dtu.ox.ac.uk/trg) to take a look.
- **Electronic Oral Glucose Testing Kit trial completed**– The data from this first study by our group have been analysed and the results are being prepared for publication. Once they have been accepted, a summary will be posted on our web site.
- **Aspirin Dosing (ASP) Study**
  - We're happy to announce that our second trial is starting this month! See details below.
  - We need to recruit 24 patients with type 2 diabetes, aged 18-54. Do contact us if you're interested in taking part.
- **Our Research Register is Growing** – with an 8% increase over the last 3 months. We are delighted by the level of support from members of the public, so please continue to get involved and promote our research.

## THE ASPIRIN DOSING STUDY – A BRIEF OVERVIEW

This study is looking to assess whether the potentially protective effects of once-daily aspirin are increased by doubling the dose of aspirin, or taking it twice-daily. Specifically, it will assess whether the clotting activity in the blood of patients with type 2 diabetes can be lowered more effectively, which could play a role in reducing future heart disease in these individuals.

- **Funder:** British Heart Foundation
- **Study venue:** The Clinical Research Unit, OCDEM, Churchill Hospital
- **Approvals:** All in-place to start the study
- **Organisation:** Managed by the Diabetes Trials Unit, OCDEM. Adopted by the

Thames Valley Diabetes Research Network (TVDLRN)

- **Open to recruitment:** November 2011
- **Further information:** [cru@ocdem.ox.ac.uk](mailto:cru@ocdem.ox.ac.uk)

## UPCOMING RESEARCH

We continue to develop and seek funding for new areas of diabetes research. Studies at an advanced stage of development include:

- **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 also improve blood sugar control in patients with *type 1* diabetes, when added to their existing insulin treatment. We will be seeking a total of 30 patients with type 1 diabetes to take part in this study.
- **HOMA Recalibration.** This study aims to update a widely-used mathematical model that was developed in Oxford. It provides estimates of insulin production and loss of insulin sensitivity. It is hoped that in future this information will help guide the selection of the most appropriate treatments for individual patients with diabetes. This study will require 50 healthy volunteers who do not have diabetes.

## VOLUNTEERS WANTED!

OCDEM is a very active research centre and we are always looking for new volunteers, with or without diabetes, to join our research register.

If you, or someone you know, would like further details on our upcoming studies, or are 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).