**Project Title:** Analysis of uric acid levels, gout and renal disease in 10,000 people with Type 2 diabetes, and effects of fenofibrate  
**Code:** CTC6

<table>
<thead>
<tr>
<th>Host School/ Institute</th>
<th>Address: Level 6, Medical Foundation Building, 92 Parramatta Road, Camperdown, NSW, 2050.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHMRC Clinical Trials Centre</td>
<td></td>
</tr>
</tbody>
</table>

**URL:** [http://www.ctc.usyd.edu.au/](http://www.ctc.usyd.edu.au/)

**Personal Supervisor:** Dr Rachel O'Connell  
**Phone:** 02 9562 5003  
**Email:** tony@ctc.usyd.edu.au

**Co-Supervisor:** Professor Alicia Jenkins  
Professor Anthony Keech

**Project Type:** Data Analysis, Literature Review, Clinical

**Project Category:** Cardiovascular, Endocrinology/Metabolism, Nephrology/Urology, Chronic Diseases/Illness, Epidemiology

**Project Keywords:**
1. Type 2 diabetes  
2. gout  
3. kidney disease  
4. data analysis  
5. uric acid

**Project Description:**

Elevated levels of uric acid are common in people with Type 2 diabetes and have been associated with diabetic kidney damage in Type 1 and in Type 2 diabetes.

A clinical trial regarding use of a uric acid lowering agent has been completed in ≈10,000 Type 2 diabetic subjects in the FIELD study, and uric acid levels were measured serially over 5 years. Fenofibrate reduced renal disease progression. The relationship between uric acid levels, gout rates and diabetic kidney damage and the effects of fenofibrate on uric acid levels and its renoprotective effects in the FIELD Study will be explored.

A manuscript is anticipated.