### Project Title:
A meta-analysis of the relationship between Ankylosing Spondylitis, Crohn’s Disease, and Klebsiella infection.

<table>
<thead>
<tr>
<th>Code: NEP3</th>
</tr>
</thead>
</table>

### Host School/ Institute
Nepean Clinical School

### Address:
Department of Surgery, Nepean Hospital, Clinical Building, Level 3, 62 Derby Street, Penrith

### URL:

### Personal Supervisor:
Associate Professor Guy Eslick

### Phone:
02 4734 1373

### Email:
guy.eslick@sydney.edu.au

### Project Type:
Literature Review, meta-analysis

### Project Category:
Bone, Immunology & Infection, Hepatology/ Gastroenterology, Epidemiology

### Project Keywords:
1. Klebsiella pneumoniae
2. ankylosing spondylitis
3. Crohn’s disease

### Project Description:
Both ankylosing spondylitis (AS) and Crohn’s disease (CD) are chronic and potentially disabling interrelated conditions, which have been included under the group of spondyloarthopathies. It has been suggested that an enteropathic pathogen, Klebsiella pneumoniae, is the most likely triggering factor involved in the initiation and development of these diseases. Currently, there is no quantitative evidence regarding the relationship between these factors.

The aim of this study is to assess the evidence to support an association and to quantitatively determine the level of risk linking these factors. This will involve a detailed literature review, collection and entry of data and data analysis along with manuscript preparation.