**Project Title:** Analysis of Echocardiograms and Diastolic Function in People with Type 1 Diabetes  

**Host School/ Institute**  
NHMRC Clinical Trials Centre  

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

**Project Category:** Cardiovascular, Endocrinology/Metabolism, Imaging  

**Project Keywords:**  
1. Type 1 Diabetes  
2. Echocardiography  
3. Vascular complications  
4. Diastolic Function  
5. Glycemic control  

**Project Description:**  

This project will analyse, using specialised software, aspects of cardiac diastolic function in patients with Type 1 diabetes who are participating in a treatment intervention study, and healthy controls.  

The candidate will analyse (with training) echocardiograms from these subjects, and will need to have some experience with simple data analysis (e.g. SPSS or similar). A basic knowledge of cardiac anatomy will be helpful, and skills in literature search and review.  

The project is expected to result in a publication. The candidate will learn how to analyse simple echocardiographic images, and how to manage simple data entry and statistical analysis. He/she will also gain experience in literature searching and paper writing.