



15 November 2016

Dear NZ Society of Gastroenterology executive,

We were awarded a 2015 NZSG Small Research Grant of \$5000 for the research project “Faecal biomarkers of active Crohn’s disease”. The grant was to assist with study costs associated with the measurement of calprotectin, S100A12, osteoprotegerin and lactoferrin in stool samples from patients using exclusive enteral nutrition (EEN) or partial enteral nutrition (PEN) to treat active Crohn’s disease.

Faecal calprotectin and osteoprotegerin has been measured in all of the patient samples and the results of this work will be presented at the 2016 NZSG annual scientific meeting. We also planned to measure lactoferrin and S100A12. Since designing the study new research became available which showed that faecal lactoferrin was an inferior marker of inflammation compared with calprotectin, therefore lactoferrin was not measured. Initial faecal S100A12 laboratory worked was completed but unfortunately the results were unreliable. Due to laboratory staff shortages the laboratory issues could not be resolved and it was decided to postpone the measurement of faecal S100A12.

Thank you again for your generous grant which has supported the investigation of faecal markers of inflammation in adults using nutrition therapy to treat active Crohn’s disease.

Kind regards,

Catherine Wall
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PhD Candidate