

Progress Report

Author: Dr Patrick Carney

Qualification: BMed, FRACP, PhD

Institution: Eastern Health Clinical School, Monash University

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Title of Project: The predictive value of STOP-BANG questionnaire and upper airway sensory testing in identifying obstructive sleep apnoea risk in people with multiple sclerosis.

Summary:

There has been significant delay impacting on the progress of this study which has meant we have not met the predicted timeline for study completion. Issues addressed so far have included;

- Change to study personnel with Dr Tomazini Martins changing his role and moving to a new health service.
- Delays to ethics completion and protocol updates which have now been completed.
- Change to national standards for sterilisation of key equipment needed for evaluation of airway sensitivity leading to changes in how we have used our budget to purchase equipment.

Currently the lead on the study is Dr Francesca Bridge who will be supervised by myself and will work with the MS team at Eastern Health to identify appropriate patients for enrolment in the study. This process has commenced and we expect to enrol our first patient shortly with an expectation that all 20 subjects will be identified, have had initial evaluation completed and booked for PSG study. It is expected that all primary research objectives will be completed by June 2020 and the 2nd phase of actigraphy for selected patients will have commenced. All data collection and analysis will then be completed by December 2020.

At this stage specialist equipment for airway sensory testing (Aesthesio Precision Sensory Evaluator) has been purchased to perform initial airway assessments (cost \$3749.46, Invoice attached). Adequate budget allocation remains to complete all procedures as intended in the initial application.