



Summary of 1st Research advisory group meeting

The first Research Advisory Group Meeting was held on Friday March 15th, 2019 and was attended by 3 members of the research advisory group and 6 members from the CLIMB research team.

Dr Rudolf Cardinal, Principal Investigator for the CLIMB team gave an overview of the projects currently ongoing within the team. This included information on the Cambridge and Peterborough Foundation Trust Research Database (CPFTRD) and plans for its extension; some of the research that has been carried out using the research database; the CamCOPs project the team are developing, and new language processing tools that are being developed.

Following Rudolf's presentation, Kristel Klaus, discussed with those present, plans to link other data to the CPFTRD including data from the Office of National Statistics and Hospital Episode Statistics. The advisory group brought up several valid points and suggestions to aid this process, which the CLIMB team will put into practice. At the end of the discussion all present fully supported the plans, agreeing it was both worthwhile and overdue.

Joel Parkinson gave a summary of the MOJO project (Mood and Joint Immunopsychiatry study: A study of inflammation and depression in patients with rheumatoid arthritis, ankylosing spondylitis and Sjogren's syndrome). Following the presentation, it was agreed that Joel would ask the advisory groups advice if there were any clarifications needed by the Research Ethics Committee (REC) once submitted and would send updates about the study to future RAG meetings.

Rudolf gave an overview of the Cambridge Cognitive and Psychiatric Assessment Kit (CamCOPS) project. CamCOPS is assessment software for neuropsychiatric testing which is open-source (being made available to all). The CLIMB team are extending it for broad and integrated NHS and research use and is taking electronically recorded cognitive and psychiatric testing (rather than paper) into routine clinical practice. Examples of how this would help clinicians and patients were shown. In response to a question about patient satisfaction surveys Rudolf explained that the CLIMB project would like to do this, probably in a randomised format (tablet v paper) and would include the RAG in helping with this.

Soumya Banerjee gave a presentation about using machine learning to stratify patients, specifically, stratification of patients by medicine usage. Shanquan (Shaun) Chen gave a presentation on the effects of body temperature on drug toxicity. Rudolf Cardinal presented on a patient led project about lithium and kidney function over time. These projects are ongoing by the CLIMB project team and will be presented to the RAG when complete.

Linda Jones introduced the proposed consent study that will be coproduced with the research advisory group. A draft of the proposal had been sent out to the RAG members earlier in the week. A reminder short summary of the consent study was presented, and discussion followed on some of the key elements of the survey. The next steps were discussed, and Linda will keep everyone updated with electronic documents for comment over the coming weeks.

Rudolf and Linda thanked everyone for coming to the meeting.