

MRC Grant (MR/W014432/1)

Tackling multimorbidity at scale: Understanding disease clusters, determinants & biological pathways

MuM-PreDiCT 26th Operational Meeting

26th October, 2023, Thursday

11am-1pm, online via Zoom

11pm-11:30am Data Management Team

11:30am-12pm-Senior Management Meeting

Data Management Team(11pm-11:30am)

Attendees-KN, KP, JW, LP, CG, JK, ML, CG, MS

- Updates from Databases
- CPRD-Data is now available, work in progress for antenatal outcomes in WP3 and WP4. Will initiate work on establishing the delivery cohort in November. Currently using Gold data only but need to figure out the use of the CPRD Aurum data too.KP to get involved in the medicine group.
- Scotland-working on cohort definition and goal is to complete the analysis of WP3 by December. AAL helping with clinical aspect.
- SAIL/Wales- Work on both WP3 and WP4 is under progress. Currently checking if all code lists are correct.
- BIB- What outcomes to be studied will be discussed in the meeting later and finalised.
- EUROMedCAT- Descriptive work done. Meetings scheduled to discuss further work trajectory.

Senior Management Team (11:30pm-12pm)

Attendees-KN, BT, RP, CM, CY, MS

- Finance and contracts- Get the contacts from YL and MS to chase the oxford CY contract.
- Extension- One year no cost extension will be requested
- Planned grants- Mum-PreDiCT 2.0 lead by MB, Postnatal grant led by NA, Work in progress for global mumpredict grant.
- Conferences, team to attend more conferences

All team (12pm-1pm)

Attendees-KN, AAL, FC, CM, ML, JW, KP, LR, BT, SW, KAE, HH, MM, MS

- PPIE update and blog or interview questions-RP- Two PPIE meetings with HH. Discussed the importance of interaction between physical and mental health impact of support networks. Pregnancies that don't result in child .Meeting with CY resulted

in discussion on risk calculation of the conditions, if the disease have a spectrum, implications on health insurance and families.

Evaluating impact and thinking of process that has been used and writing it up. Now more thought on support and learning and enable PPIE to engage further involvement and which makes the best of their abilities. Planned a series of lunch time webinars. With topics like Joining an NIHR committee, being a co-investigator, involvement in service improvement, joining steering committee, campaigning , getting into academia, involvement in different areas of health. Shared a list of conferences that they can either go alone or with a researcher. Dental health is one of the main concerns that has been raised in many discussion.

How to measure the PPIE growth or progress and how to measure/record this.

- Overall updates-To apply for no cost extension.WP1- work on trajectories and determinants is outstanding. Cluster paper is being reviewed by Lancet digital health. WP3 and WP4- work on databases is on progress. WP5- work on reviews and prediction model in progress.

- Multiple sclerosis systematic review-FA- Systematic review looking at association of multiple sclerosis and adverse pregnancy outcomes. Few preliminary results were shared and discussed. KAE and MB interested in the work.

More work on the quality assessment and meta-analysis of the high-quality studies might result in more confirmatory findings. To add more in the discussion about mechanism of actions specially for antenatal outcomes. It was further clarified that this review is not looking at the medications in pregnancy and relapse and remission of the disease. This makes a different study question. Impact of medication (biologics), severity of disease and the medications to be added in the discussion.

- WP2-updates from the workshop-SH/BT- Planned series of co production workshops. One workshop successfully done and next plan on 20th Nov. And the idea for the workshops is to developed a shopping list of care components when it comes to recommendations for future care, aim is to determine how best we might be able to bundle together some of those components which can be carried forward by MB. Combination of participants, women, staff members. Focus to involve service mangers and operational level people to understand the delivery perspective. HH suggested the contact of SL (research midwife network).

- Global Mum-PreDiCT-MuM-PreDiCT 2.0- clinical trials of complex intervention. Which funding body to target etc. Trying to work out in each workshop. Once the care bundle is finalised next step to be decided

KP- To write on medication safety, 3 areas (pharmacoepidemiology, risk communication, decision support). MBACE also highlights on medicine decision support.

Global mumpredict-LMIC countries focussed.

- AOB -Mumpredict website is down and work in progress to get this initiated soon.[Nature Communications](#) and [npj Women's Health](#)- consider journals for

publications.. Team members to attend conferences-
suggestion-<https://www.eventbrite.co.uk/e/hdr-uk-conference-2024-the-grand-challenges-in-health-data-tickets-740734315277>