

EM 10

MRI-PET Tau population risk study

Start date: September 2018.

Scanning completion date: 23 Dec 2019, Final report: 30 June 2020

Overall work package objectives:

1. Obtain Ethical and Other Approvals for Project
2. Align with linked cohort (PREVENT and EPAD-LCS) Studies and Identification/Consent of 80-100 Suitable Individuals
3. Scanning of 80-100 Study Participants
4. Analysis and Data Sharing

Deliverables	Milestones	Milestone deadline	Work package dependencies	Responsible persons
Objective 1:				
D1.1 Full governance approval	M1.1.1 Protocol Completed	M1.1.1 Complete		PM/ IK/ site leads
	M1.1.2 Governance review complete	M1.1.2 Apr 2020 (was Oct 2018)		PM/Imperial administration
	M1.1.3 REC approval	M1.1.3 Jul 2020 (was Dec 2018)		PM/ PM
Objective 2:				
D2.1 Complete enabling work	M2.1.1 Contract with Piramal signed	M2.1.1 Jun 2020 (was Dec 2018)		Imperial legal/PM
	M2.1.2 Link with recruitment cohort finalised	M2.1.2 Aug 2020 (was Jan 2019)		PM/Cohort lead
Objective 3:				
D3.1 Scanning of 80-100 Participants	M3.1.1 First Participant Consented	M3.1.1 Oct 2020 (was Mar 2019)		PM
	M3.1.2 First Participant Scanned	M3.1.2 Oct 2020 (was Mar 2019)		PM/site
	M3.1.3 Last Participant Scanned	M3.1.3 TBC Dec 2019		PM/sites
Objective 4:				
D4.1 Final report	M4.1.1 Data available on shared site	M4.1.1 TBC Jan 2020		Sites
	M4.1.2 Centralised PET analysis completed	M4.1.2 TBC Feb 2020		PM/ designated analysis team
	M4.1.3 Full analysis completed	M4.1.3 TBC Mar 2020		PM/ designated analysis team
	M4.1.4 Final study report	M4.1.4 TBC Jul 2020		Sites/PM/ PM

Key updates on delivery against milestones since last report

Milestone dates changed due to tracer not being available before Jan 2020.

Summary of plans for the future

- LMI informed us that the tracer will not be available before mid-January 2020. If the delay will go beyond this period LMI will arrange for the tracer to be flown from Spain or Germany to the UK.
- To recruit and scan as many participants as possible once the tracer is available until June 2020.
- West London Health Trust and Oxford Health NHS Foundation Trust have been confirmed as additional sites in Ethical amendment. This will aid recruitment at Imperial. Cambridgeshire and Peterborough NHS Foundation Trust will also be added as a further recruitment site.

Risks

- 1) Tracer not available before end of Jan 2020
- 2) Unable to reach the recruitment target
- 3) MR sequence still to be finalised

Mitigation

- 1) Tracer will be flown from Spain or Germany to the UK
- 2) We have made arrangements with the recruiting sites and kept communication about using a list of potential participants to contact from the PREVENT AIP cohort who have consented to be scanned. We will make contact with the people in this list as soon as the tracer is available
- 3) We are working with Invicro staff to finalise the MR sequence which is likely to align to that used for the DPUK DFP study.

Team members funded (full or part-time) by DPUK

(Malhotra/ Koychev /Matthews /Site Leads???)

Team members involved with the project but not funded by DPUK**Outcomes**

None as yet

Project narrative

See Summary of plans for future.