FAMILY

"Running in the FAMILY – Understanding and predicting the intergenerational transmission of mental illness"

Grant Agreement number: 101057529

Deliverable 5.10 Report on the status of posting results clinical study POBI-FCRB

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SUMMARY

According to the definition of Deliverable 5.9 this document provides an overview of the status of posting results for clinical study BASYS, carried out at Hospital Clínic de Barcelona, Barcelona, Spain.

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1 SUMMARY OF POSTING STUDY RESULTS FOR CLINICAL STUDY POBI-FCRB

The recruitment for the four clinical studies is scheduled to be finalized in months 36 of the project (Sept 2025), after which another 6 months is needed for processing of MRI images and quality checking of all the data. The data should then be available for analyses.

Our cohorts are not conducted as clinical trials; we have observational cohorts. In Spain, there is no registry base to record observational studies.

1.1 Recruitment progress

At the Hospital Clínic de Barcelona, we recruited we recruited both parents and offspring.

The recruitment status per Sept 25 2025 is as follows:

Parents		
Available for the clinical study	**190**	**%100**
Included	82	% 43.2
Scheduled / to be included *	10	% 12.2
Excluded from clinical study	98	% 51.6
- No/incorrect contact info	0	% 0
- Refusing participation	94	% 49.5
- Not interested in participating	94	% 49.5
- Research location too far	0	% 0
- Participation is too intensive	0	% 0
- Scared of going in the MRI-scanner	0	% 0
- Excluded from MRI	4	% 2.1
- Counterindication (metal objects in body, pacemaker)	0	% 0
- Structural neurological abnormalities	0	% 0
- Closed head injury	0	% 0
- Neurological condition	0	% 0
- Admitted to healthcare institution	0	% 0
- Current psychosis	0	% 0
- Claustrophobia	0	% 0
- Other*	4	% 2.1
- Passed away	0	% 0
Included in the clinical study but no MRI**	9	% 4.7
- Not interested in participating	7	% 3.7
- Counter-indication	1	% 0.5
- Claustrophobia	1	% 0.5

* 10 patients will be assessed in the first term of 2026.

** patients included in the clinical study but who do not have the MRI

Offspring		
Available for the clinical study	**126**	**% 100**
Included	112	% 88.9
Scheduled / to be included	5	% 4
Excluded from the clinical study	9	% 7.1
- No/incorrect contact info	0	
- Refusing participation	7	% 5.6
- Not interested in participating	5	% 4
- Research location too far	0	% 0
- Participation is too intensive	0	% 0
- Scared of going in the MRI-scanner	0	% 0
- No parental authorization	2	% 1.6
- Excluded	2	% 1.6
- Counterindication (metal objects in body, pacemaker)	0	% 0
- Structural neurological abnormalities	0	% 0
- Closed head injury	0	% 0
- IQ<70	0	% 0
- Other*	2	% 1.6
- Passed away	0	% 0
Included in the clinical study but no MRI	3	% 2.4
- Other	3	%2.4

* 10 patients will be assessed in 2026 and 2027.

** patients included in the clinical study but who do not have the MRI

1.2 Conclusion

The table below shows the overview of the recruitment status of the 4 clinical cohorts. In the final periodic report, we will be able to report results of the planned tasks.

	BASYS-Barcelona	BASYS-Madrid	BRIDGE-Rotterdam	Lausanne-Geneva cohort
Total to be recruited	316	254*	498	3519
Included	194	131	153	414
Excluded for various reasons	107**	120**	307**	3105***
To be recruited (%)	15 (4.75%)	3 (0.01%)	38 (7.63%)	0

*Including previously non-included offspring **Excluded: e.g., contra-indication MRI, no current contact details, passed away. Refused: e.g., travel distance, no time or interest. ***The high number is expected and largely attributable to our recruitment of population-based controls and not to the families of patients with mood disorders. Indeed, we have recruited a very large number of controls with offspring and partially with spouses who had psychopathological investigations, but it was difficult to motivate them to come to a physical investigation with blood probes and MRI exams. In addition, many participants met exclusionary criteria for MRI.

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