

Experiencia

- NeoCirculation: Dobutamine for neonatal circulatory failure defined by novel biomarkers
 - FP7-Health-2010 single stage “Investigator driven clinical trials on off-patent medicines for children”>> **no financiados**
 - FP7-Health-2011 single stage “Investigator driven clinical trials on off-patent medicines for children”>> **financiados**
- SafeBoosC
 - H2020-PHC-2015-two-stage (PHC-18-2015): **pasamos primer corte**
- FAMinCARE
 - SC1-BHC-19-2019-two stage Implementation research for maternal and child health: **pendiente primer corte**

'Becoming a mother or a father of a preterm baby, or a baby with a serious disease, is one of the hardest things a human being may go through in his/her whole life. This is something that should not happen. But it happens, it happens a lot.'

Veteran mother of preterm twins.

1.3.1 CONCEPT

FAMinCARE will imply a paradigm shift since there are new members on the care team (parents) and consequently, the way NICUs are managed will have to change: health professionals and parents will work together for the wellbeing of these babies; **parents will be empowered as real main caregivers (together with nursing staff) and real decision makers (together with doctors).**

Scope: Proposals should focus on implementation research³ for improving maternal and child health with a focus on the first '1000 days' from pregnancy until two years of age.⁴ This research can take place in either high income countries or low and middle income countries, or in a combination thereof.

The implementation research in the first 1000 days may cover:

- new or improved health service delivery interventions that strengthen maternal and child health; and/or
- the scaling up and/or adapting of existing evidence-based interventions to new contexts.

Neither pre-clinical research nor clinical trials in the context of product development are within the scope of this call.

TOPIC SC1-BHC-19	PROJECT CONTRIBUTION
Improving maternal-child health (first 1000 days)	Antenatal to 24 months
Scaling-up or adapting existing evidence-base interventions	European, American, and African regions (different social-cultural background)
Integrated research on mother-child	Mother-child stand at the heart of FiCare
Prevention, health promotion	Short and long-term benefits
Specific needs of vulnerable populations	High-risk infants (preterm infant, congenital malformations...), families and clinical staff
Addressing concurrent pathologies (physical or mental health)	Neonatal co-morbidities Maternal co-morbidities Parental mental health issues
Avoiding parallel or vertical programmes	Unified intervention with specific adjustment elements to adapt to a variety of contexts
Integration of social sciences, equity	Psychologists, economists, sociologists
Intervention should go beyond the-state-of-the art	Multidimensional approach Larger sample and geographical diversity
Partnership with end-users	Parents, government bodies and policy makers will be targetted for translation

Nº	PARTICIPANT ORGANIZATION NAME	ACRONYM	ROLE	COUNTRY
1	Servicio Madrileño de Salud	<u>SERMAS</u>	Coordinator.	SPAIN
	Fundación para la Investigación Biomédica del Hospital Universitario La Paz (Third Party)	<u>FIBHULP</u>	Clinical Site. Development of training materials. Delivery of the intervention.	
2	Emma Children's Hospital	<u>AUMC</u>	Clinical Site. Development of training materials. Delivery of the intervention.	NETHERLANDS
	<u>Onze Lieve Vrouwe Gasthuis</u> (Third Party)	<u>OLVG</u>		
3	Gazi University Hospital	<u>GAZI</u>	Clinical Site. Development of training materials. Delivery of the intervention.	TURKEY
4	University of Medicine and Pharmacy Cluj	<u>CLUJ</u>	Clinical Site. Development of training materials. Delivery of the intervention.	ROMANIA
5	University of Sussex	<u>USX</u>	Value of Implementation and Cost-Effectiveness Analysis	UNITED KINGDOM
	Brighton and Sussex University Hospital (Third Party)	<u>BSUH</u>	Clinical Site. Development of training materials. Delivery of the intervention.	
6	University of Miami	<u>UMI</u>	Clinical Site. Development of training materials. Delivery of the intervention.	UNITED STATES OF AMERICA
	Holtz Children's Hospital (Third Party)	<u>HCH</u>		
7	Zambia School of Medicine	<u>ZSM</u>	Clinical Site. Development of training materials. Delivery of the intervention.	ZAMBIA
8	University of Brighton	<u>UBRT</u>	Qualitative Research from Social Sciences and Gender viewpoints	UNITED KINGDOM
9	<u>Complutense</u> University of Madrid	<u>UCM</u>	Social and psychological evaluation. Cost-Effectiveness Analysis. Family perspective	SPAIN
10	Informática el Corte Inglés, S.A.	<u>IECISA</u>	ICT tool for unified training and evaluation of results.	SPAIN
11	Asociación de Padres de Niños Prematuros	<u>APREM</u>	Panels of experts with veteran parents. Family support at NICU and upon hospital discharge. Dissemination and replication guidelines	SPAIN
12	Midwives Association of Zambia	<u>MAZ</u>	Dissemination and replication guidelines with local communities, targeting women in schools and hospitals	ZAMBIA

OTHERS	EXTERNAL ADVISOR	COUNTRY
	Karel O'Brien as Scientific Advisor Mount Sinai of Toronto - Canada	CANADA

Partnership

- Netherlands: ongoing survey in Europe to compare the running of NICUs among countries
- Romania & Turkey: mortality two times higher (mother and <5y)
- Spain: FiCare implementation since July 2018
- UK: local charity (Early Bird Association) as advisor
- USA: Latin-American connections
- Zambia: 45% of eligible population