# Faculties of Medicine and Health and Engineering



# Contact Tracing in Care Homes using Digital Technology (CONTACT) – A Cluster RCT

Professor Carl Thompson (PI)

contact-trial@leeds.ac.uk | c.a.thompson@leeds.ac.uk | @ContactTrial







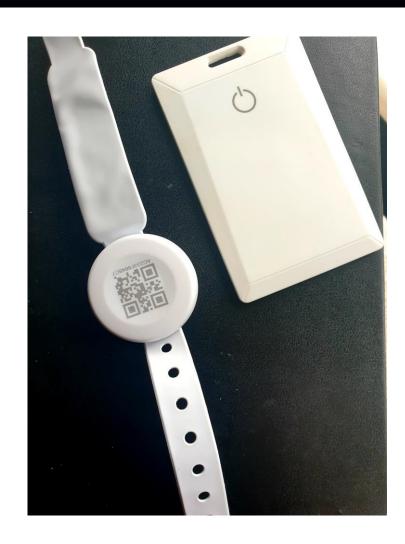




# Wearables for contact tracing



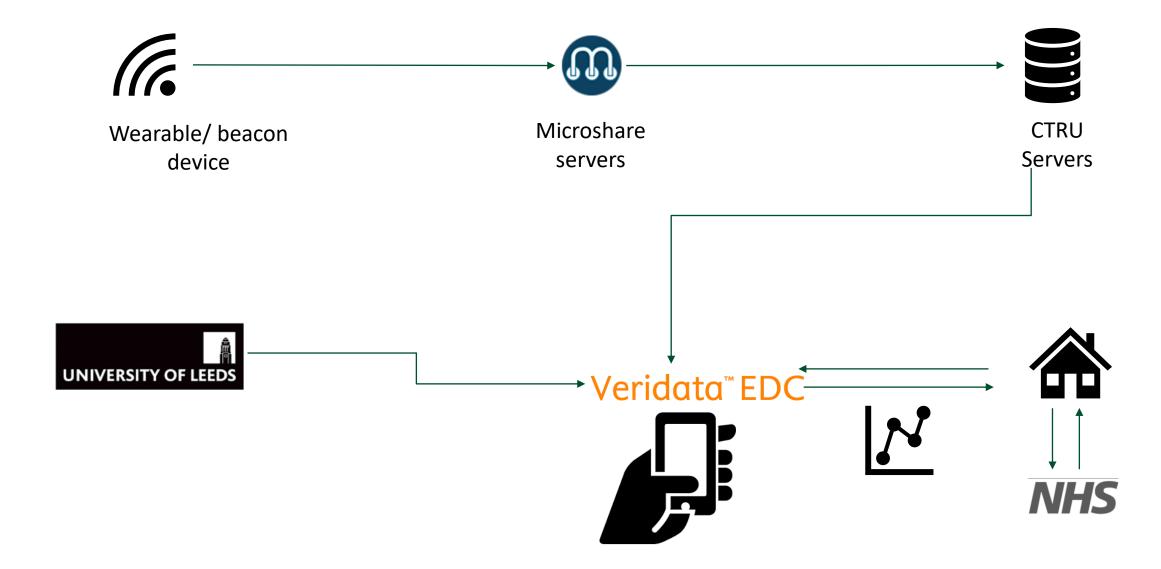






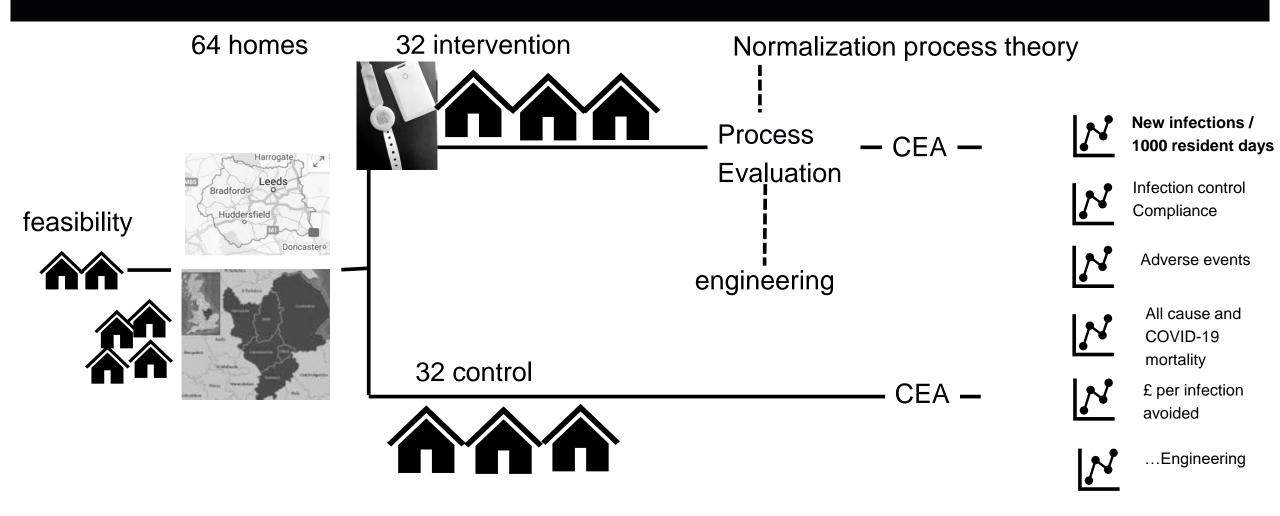
# Data, analysis and feedback





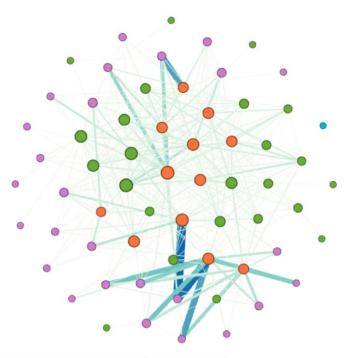
#### The trial





# Network insights





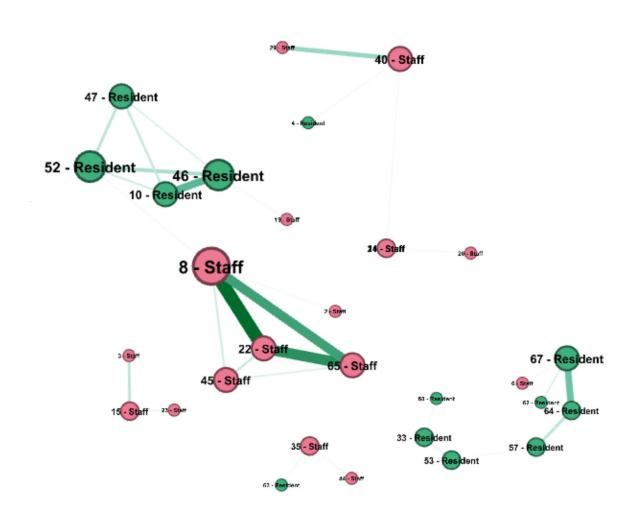
Device ID: AC233FA451D2 | Resident | Trial Number 606684 Reporting Period: 19/02/2021 - 26/02/2021

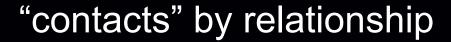
#### At a glance

The device has had a contact of 2 meters or less for a period of at least 15 consecutive minutes with the devices in the table below.

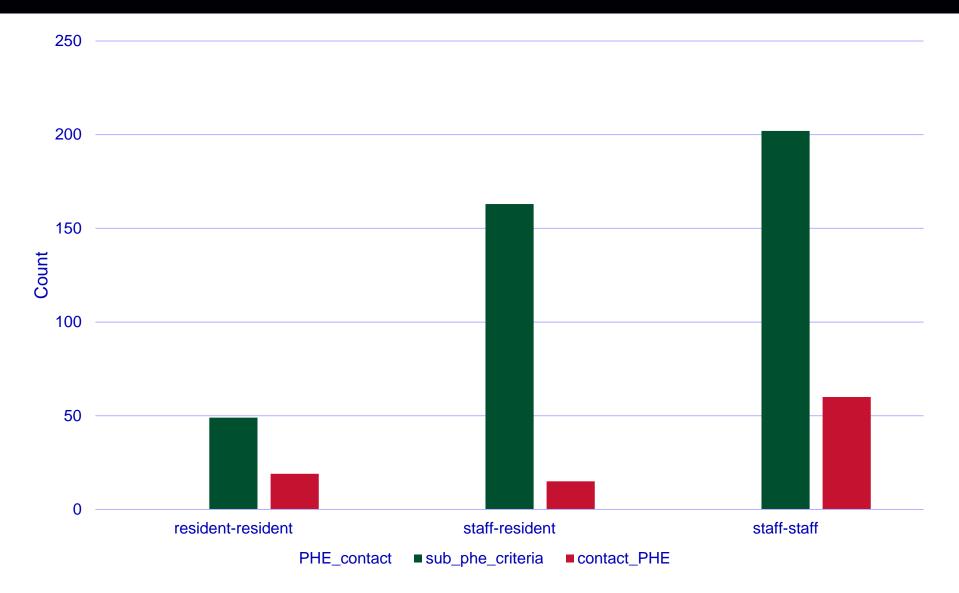
Trial Number	Device ID	Participant Type	Number of Contacts	Rooms
897198	AC233FA451CC	Resident	20	Church Main Lounge TV
629947	AC233FA4B0EA	Staff	4	Church Main Lounge TV
671289	AC233FA451D0	Resident	1	Terrace main lounge kitchen
982870	AC233FA451C6	Resident	2	Terrace main lounge TV

-This report continues on the next page -



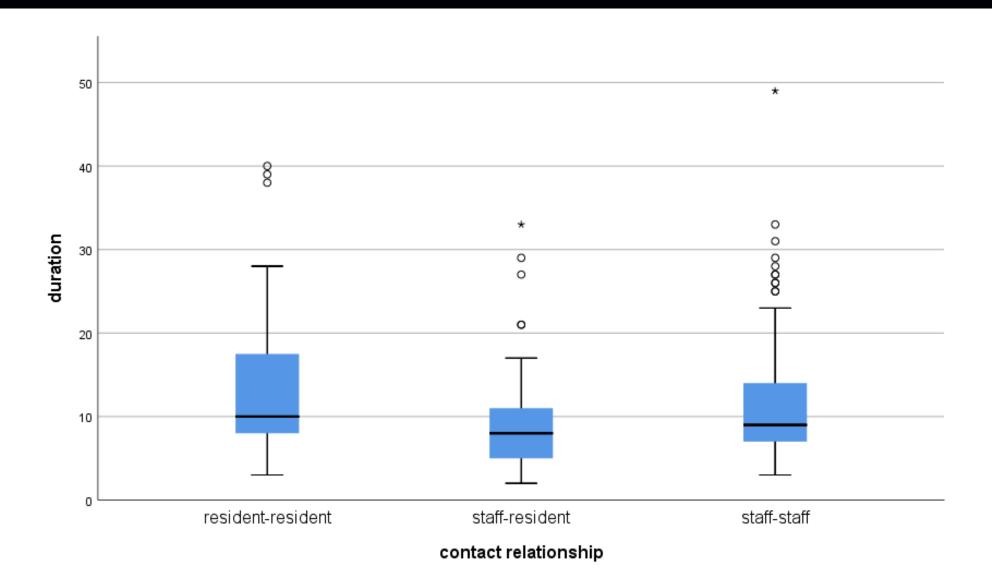






## **Duration of contacts**





## Lessons – couple of months in



- implementation even in a pandemic is NOT a given
- Innovation without research is MUCH easier
- There are a LOT of contacts (1 home|9500 contacts| 600 PHE| 1 week)
  - 0.5 million/year | 32 homes | 16 million contacts
- Potential for far more than "infection"
  - contacts | quality | workload | environment
- Interested in taking part?
  - Yorkshire | East Midlands | main trial late summer | contact-trial@leeds.ac.uk