





The Hertfordshire Cohort Study



Professor Elaine Dennison, MRC Lifecourse Epidemiology Centre, Southampton

Developmental origins of adult disease

The developmental origins of adult disease (DOHAD) hypothesis suggests that health in early life influences health in adulthood



David Barker 1936-2013







The Hertfordshire Cohort Study



Weight at Birth. 1st Year No. of Condition, and Remarks of Food. Visits. Health Visitor. WYDĪ . 84 les 24 2 les 13, 11 4 -Falthy & well diveloped. Buckland School. Card to S. 7 les 154 US B 12 h. y. y. 8 moved to Bury Geen L. Madham. Had measles preumour . 8 20 Bot. 11 Y. Y. ? 4 I.B. aban in A meck opened. Ant. fontanelle still yen 23 yrs. Abdomen very large o pr 8 2 22 B.B. 9 y y 10 Scalthy & normal: Buckland School. Card.



Original Cohort construction



Hertfordshire Clinics



HCS







Musculoskeletal measures in HCS



Physical Activity in Older Adults – the NAPA study





12 months follow up with repeat home visits

Effects of a global pandemic



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Assessment of how older adults have been affected by COVID-19: A look at the Hertfordshire Cohort Study

16 DECEMBER 2020

Dennison, E. CLOSER. 16 December 2020.

Intergenerational study





HCS website



https://www.mrc.soton.ac.uk/herts/

Key reading.....

F1000Research

F1000Research 2019, 8:82 Last updated: 22 FEB 2019



The Hertfordshire Cohort Study: an overview [version 1;

referees: 3 approved]

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The Hertfordshire Cohort Study Research Group

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Data access process

- 1. Initial informal approach do we have what you need? <u>emd@mrc.soton.ac.uk/</u> <u>cc@mrc.soton.ac.uk/</u> HCS website
- 2. Main data use agreement which needs to be completed by the leading collaborator for the project
- **3. Separate custodian agreement** also needs to be completed by each individual who will be seeing the data
- 4. Paperwork reviewed at HCS steering group meetings, held every 2 months

Acknowledgements





NIHR National Institute for Health Research





