

Promoting recommended infant feeding practices in a low income sample - randomised controlled trial of a peer support intervention

Submission date
09/07/2007

Recruitment status
No longer recruiting

☐ Prospectively registered

☒ Protocol

Registration date
19/07/2007

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
21/01/2009

Condition category
Nutritional, Metabolic, Endocrine

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Study website

<http://www.ucl.ac.uk/dph>

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N09016

Study information

Scientific Title

Study objectives

Nutrition in early life is a key determinant of growth, development and health status, both in childhood and later adult life. Current UK recommendations advise all mothers to exclusively breastfeed for six months, and to delay introducing solids until at least six months. Data from national surveys show that infant feeding practices in the UK are, however, highly variable. This study aimed to evaluate the effectiveness of peer support on infant feeding outcomes and in particular weaning practices.

The research hypothesis was that compared with standard professional infant feeding support alone, the provision of peer support plus standard professional care will increase the consumption of vitamin C from fruit, and have a positive impact on other infant feeding practices with infants aged 3 months to 12 months living in lower income homes.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approval given by the North London Community Research Consortium: Camden and Islington Community Health Service on the 1st February 2002 (ref: LREC 02113).

Study design

Randomised single-blind controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Quality of life

Participant information sheet

Patient information can be found at: <http://www.ucl.ac.uk/dph/IFPST%20PDF/Resources/subject%20information%20sheet.pdf>

Health condition(s) or problem(s) studied

Nutrition, infant feeding practices

Interventions

A group of local volunteers were recruited and trained to provide non-judgemental support and practical assistance on infant feeding, and in particular weaning practices. Home-based support was offered over a nine-month period until the infants were 12 months old. In total, 758 home visits were made and the mean length of each visit was 60 minutes. On average each mother in the intervention group received five volunteer visits. Mothers in the control group received standard professional care only.

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

The primary outcome was vitamin C in fruit.

All outcomes were measured at baseline when infants were 10 weeks old, post intervention when subjects were 12 months old and follow up when they were 18 months old.

Secondary outcome measures

Secondary outcomes were:

1. Macro- and selected micro-nutrient intakes
2. Fruit and vegetable consumption
3. Feeding practices
4. Child growth and health
5. Use of health services

In addition, information was also gathered on the mother's health, well-being, fruit and vegetable consumption and nutritional knowledge and confidence.

All outcomes were measured at baseline when infants were 10 weeks old, post intervention when subjects were 12 months old and follow up when they were 18 months old.

Overall study start date

01/02/2002

Completion date

01/04/2006

Eligibility

Key inclusion criteria

1. Women from social classes II - V
2. Babies born greater than 37 weeks
3. Babies birth weight above 2500 g
4. Women able to understand written and oral English
5. Women resident in the Camden and Islington areas

Participant type(s)

Patient

Age group

Adult

Sex

Female

Target number of participants

318 women across control and intervention groups

Key exclusion criteria

1. Women who were under 17 years
2. Infants who were diagnosed with a serious medical condition or who were on special diets due to medical problems
3. Infants aged over 12 weeks
4. Professional households from social class I
5. Women unable to communicate effectively in English

Date of first enrolment

01/02/2002

Date of final enrolment

01/04/2006

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

Department of Epidemiology and Public Health

London

United Kingdom

WC1E 6BT

Sponsor information

Organisation

Food Standards Agency (UK)

Sponsor details

Aviation House
125 Kingsway
London
United Kingdom
WC2B 6NH

Sponsor type

Government

Website

<http://www.food.gov.uk>

ROR

<https://ror.org/05p20a626>

Funder(s)

Funder type

Government

Funder Name

Food Standards Agency (UK) (ref: N09016)

Alternative Name(s)

The Food Standards Agency, FSA

Funding Body Type

Private sector organisation

Funding Body Subtype

Other non-profit organizations

Location

United Kingdom

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Protocol article	Protocol	01/09/2006		Yes	No
Results article	results	01/02/2009		Yes	No