

A community food model for over-60s

Submission date 12/02/2024	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 07/03/2024	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 19/02/2025	Condition category Other	<input type="checkbox"/> Individual participant data <input checked="" type="checkbox"/> Record updated in last year

Plain English summary of protocol

Background and study aims

Older people living in socially deprived circumstances may experience 20 fewer years of good health compared to less deprived older people. Their health and wellbeing may be reduced by poor diet, limited physical activity, and social isolation, reducing their overall quality of life. Active participation in communal activities and maintaining meaningful engagement with the community are integral to identity, sense of purpose and contribute to healthy ageing. The aim of this study is to co-create and implement an inclusive and culturally tailored intervention to improve health, wellbeing and social connectedness in older people.

Who can participate?

Older people 60 years old and above who are residents of Appleby Blue or Bermondsey

What does the study involve?

The intervention will involve food-related activities including food growing, cooking, eating together and keeping socially active. Data will be collected before and after (at 12 weeks) the intervention using validated questionnaires and objective measures of health and wellbeing (blood pressure, body composition and physical activity). Qualitative data will be collected using Photovoice (photographs) and focus groups.

What are the possible benefits and risks of participating?

Participants will have access to a free nutrition, health, wellbeing and social engagement intervention. Whilst there may be no immediate personal benefits to taking part in this research, the work will help to improve the health, wellbeing and social engagement of older people in England. There are no immediate risks to taking part in the study.

The impact of this research will be far-reaching. It will inform new research on the health, wellbeing and social connectedness of older people. It will shape best practice by improving understanding of what activities have the most impact on improving quality of life in older people. Finally, it will have an important role in influencing policymakers, architects and commissioners of social housing and buildings so that the benefits identified by this study can be replicated nationally.

Where is the study run from?

The project will be set in a new community facility within an over-60's social housing scheme in Bermondsey, United St Saviours Charity's Appleby Blue.

When is the study starting and how long is it expected to run for?
July 2023 to July 2025

Who is funding the study:
Dunhill Medical Trust (UK)

Who is the main contact?
Dr Sophia Amenyah, samenyah@bournemouth.ac.uk

Study website

<https://www.bournemouth.ac.uk/research/projects/lemonade>

Contact information

Type(s)

Public, Principal Investigator

Contact name

Dr Sophia Amenyah

ORCID ID

<https://orcid.org/0000-0001-7785-4336>

Contact details

BGB504, Bournemouth Gateway Building
Bournemouth University
St Pauls Lane
Bournemouth
United Kingdom
BH8 8GP
+44 (0)7718130550
samenyah@bournemouth.ac.uk

Type(s)

Scientific

Contact name

Prof Jane Murphy

ORCID ID

<http://orcid.org/0000-0003-3531-5566>

Contact details

Bournemouth Gateway Building BGB 507b
Bournemouth University
St Pauls Lane
Bournemouth
United Kingdom

BH8 8GP
+44 (0)1202962805
jmurphy@bournemouth.ac.uk

Type(s)
Scientific

Contact name
Prof Lee-Ann Fenge

ORCID ID
<http://orcid.org/0000-0003-0896-7323>

Contact details
Bournemouth Gateway Building BG501
Bournemouth University
St Pauls Lane
Bournemouth
United Kingdom
BH8 8GP
+44 (0)1202 961693
lfenge@bournemouth.ac.uk

Additional identifiers

EudraCT/CTIS number
Nil known

IRAS number

ClinicalTrials.gov number
Nil known

Secondary identifying numbers
SLEF2110\4

Study information

Scientific Title
An inclUsivE community fOod model for health wellbeiNg and social connectedness of olDer pEople (LEMONADE)

Acronym
LEMONADE

Study objectives
Intervention activities will result in improved diet quality, health, wellbeing and social connectedness.

Ethics approval required

Ethics approval required

Ethics approval(s)

Approved 12/09/2023, Bournemouth University Research Ethics committee (M402, Melbury House, 1-3 Oxford Road, Bournemouth, BH8 8ES, United Kingdom; +44 (0)1202 961073; swignall@bournemouth.ac.uk), ref: 51979

Study design

Single-group pre-post intervention non-randomized study

Primary study design

Interventional

Secondary study design

Non randomised study

Study setting(s)

Community

Study type(s)

Prevention, Quality of life

Participant information sheet

Not available in web format

Health condition(s) or problem(s) studied

Improving nutrition, health, wellbeing and social connectedness in older adults

Interventions

Interventions in LEMONADE will be a combination of nutrition, health, wellbeing and social activities. Activities will focus on communal food growing and gardening activities, food preparation and cooking activities, meal sharing, enjoying and choosing a healthy diet, food-related craft activities, storytelling around food, and social activities around food. Specific activities to be implemented within the model will be co-created with participants, tailored to suit the needs and functional capacity of the older people and the community to ensure high participation rates, ownership and sustainability. Activities will be diverse and reflect differences in ethnicity, and culture, ensuring a range that will be of interest to people from different backgrounds across multiple age groups.

The research will have a one-group pre-test post-test study design and participants will be followed up over time, with measurements at baseline and 12 weeks.

Intervention Type

Behavioural

Primary outcome measure

Current primary outcome measures as of 19/02/2025:

1. Recruitment and retention rates: Data will be collected on recruitment and retention rates at baseline and follow-up and attendance to activity
2. Acceptability (e.g., content and delivery) and appropriateness of intervention activities: This data will be collected from Photovoice interviews, focus group discussions, and qualitative

feedback from participants

3. Acceptability and engagement with evaluation measures and procedures: This data will be collected as part of Photovoice interviews, focus group discussions and qualitative feedback from participants

4. Resource and cost requirements to co-produce and deliver intervention, measured using a post-activity evaluation form on resource requirements to deliver each session including number of staff, cost of consumables, resource requirements and participants' feedback on the session

Previous primary outcome measures:

1. Blood pressure (systolic and diastolic) will be measured using an Omron blood pressure monitor at baseline and at 12 weeks

2. Diet intake and quality will be measured using myFood24 at baseline and 12 weeks

3. Social engagement will be measured using the Social Engagement and Activities Questionnaire (SEAQ) at baseline and at 12 weeks

4. Health-related quality of life will be measured using the five-level EuroQol EQ-5D-5L questionnaire which consists of a short descriptive system questionnaire and a visual analogue scale (EQ VAS) at baseline and 12 weeks

5. Body composition measures including weight, body fat percentage, visceral fat, body mass index, skeletal muscle mass will be measured using an Omron VIVA body composition monitor (HBF-222T-EBK) at baseline and 12 weeks

6. Ageing friendliness of the community will be measured using the WHO Age-friendly Cities and Communities Questionnaire at baseline and 12 weeks

7. Physical activity will be measured using the Physical & Leisure Activity Questionnaire and ActiPal accelerometers at baseline and 12 weeks

Secondary outcome measures

Current secondary outcome measures as of 19/02/2025:

1. Blood pressure (systolic and diastolic) will be measured using an Omron blood pressure monitor at baseline and at 12 weeks

2. Diet intake and quality will be measured using myFood24 at baseline and 12 weeks

3. Social engagement will be measured using the Social Engagement and Activities Questionnaire (SEAQ) at baseline and at 12 weeks

4. Health-related quality of life will be measured using the five-level EuroQol EQ-5D-5L questionnaire which consists of a short descriptive system questionnaire and a visual analogue scale (EQ VAS) at baseline and 12 weeks

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7. Physical activity will be measured using the Physical & Leisure Activity Questionnaire and ActiPal accelerometers at baseline and 12 weeks

Previous secondary outcome measures:

There are no secondary outcome measures

Overall study start date

05/07/2023

Completion date

04/07/2025

Eligibility

Key inclusion criteria

Individuals who are 60 years old and above living in Bermondsey

Participant type(s)

Healthy volunteer

Age group

Senior

Lower age limit

60 Years

Sex

Both

Target number of participants

60

Total final enrolment

44

Key exclusion criteria

There will be no specific exclusion criteria applied and individuals who have the capacity to consent and the capacity to participate in activities will be enrolled.

Date of first enrolment

15/01/2024

Date of final enrolment

30/09/2024

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

Appleby Blue Almshouse

94-116 Southwark Park Road

London

United Kingdom

SE16 3RD

Sponsor information

Organisation

Bournemouth University

Sponsor details

Head of Research Development & Support
M402
Melbury House
1-3 Oxford Road
Bournemouth
England
United Kingdom
BH8 8GP
+44 (0)1202 961208
ascott@bournemouth.ac.uk

Sponsor type

University/education

Website

<https://www1.bournemouth.ac.uk/>

ROR

<https://ror.org/05wwcw481>

Funder(s)

Funder type

Charity

Funder Name

Dunhill Medical Trust

Alternative Name(s)

The Dunhill Medical Trust, DMT

Funding Body Type

Private sector organisation

Funding Body Subtype

Other non-profit organizations

Location

United Kingdom

Results and Publications

Publication and dissemination plan

Planned publication of results in a high-impact peer-reviewed journal.

Intention to publish date

30/06/2026

Individual participant data (IPD) sharing plan

All data generated or analysed during this study will be included in the subsequent results publication. Data will be stored and backed up in accordance with the UK Service Guidance, Bournemouth University (BU) research data policy (in line with UKRI principles) and BU information classification. Data will be stored within BU's secure storage (e.g. a specific BU research SharePoint site). Access will be restricted to only authorised users and based on their role within the project. Data in an anonymised form will be stored on BORDaR (BORDaR – Bournemouth Online Research Data Repository) after the research is completed.

IPD sharing plan summary

Stored in publicly available repository