

# Vacc on Track: Facilitating the delivery of catch-up vaccination in adolescent and adult migrants and Black, Asian and Minority Ethnic (BAME) communities through UK general practice

<b>Submission date</b> 28/05/2021	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 17/06/2021	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 31/07/2024	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data

## Plain English Summary

### Background and study aims

Evidence suggests that in the UK, migrants who were born overseas may be less likely to have had all of their recommended vaccinations. This may also be the case for people of non-White ethnicities, but evidence is currently limited. Improving vaccine coverage for routine vaccines in under-immunised groups in the UK is a key priority, and the core focus of this project, alongside understanding risk-factors for under immunisation in migrants and wider BAME communities.

We are conducting this study to test whether, by prompting the primary care team to check a patient's vaccination status, we can help identify individuals who have not received all of their recommended vaccinations and refer them to routine care appointments to catch-up on the missing vaccinations to bring them in line with the UK vaccine schedule. Patients don't have to participate or receive vaccinations if they don't want to. This project is co-designed with migrants on our Project Advisory Board, who help us design, deliver and disseminate the research, and is being done in collaboration with Public Health England.

### Who can participate?

Adolescent and adult (16+ years) migrants (defined as being born outside of the UK, but not including Western Europe, North America, Australia, or New Zealand) and BAME individuals (defined as non-White-British ethnicities) currently residing in the UK.

### What does the study involve?

Participants are asked a small number of standardised questions about their ethnicity, country of origin, vaccination history, and any history of vaccine-preventable diseases they may have had. Depending on their answers, they may be offered catch-up vaccination(s) to align them with the UK schedule. Participants choose whether to accept the catch-up vaccination(s). We will collect follow-up data relating to whether participants went on to receive the vaccine(s), and how many doses, for up to 18 months after participants joined the study.

What are the possible benefits and risks of participating?

We do not anticipate any major disadvantages or risks of taking part. Discussing personal history or experiences might be uncomfortable for some participants, but all participants are told that the interview can stop at any point to take a break, or that they can leave if they feel they can't continue. There are possible benefits. Participants may be referred for routine vaccination on the NHS which is free and will help to bring them in line with the UK immunisation schedule and reduce their risk of contracting vaccine-preventable diseases. They may find it fulfilling to take part in research aimed at improving access to vaccination on the NHS for migrant and BAME populations in the UK. Participants will be able to take an active part in improving your own and your community's health.

Where is the study run from?

St George's, University of London (UK)

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

January 2020 to October 2022

Who is funding the study?

National Institute for Health Research (NIHR) (UK).

Who is the main contact?

Dr Sally Hargreaves, s.hargreaves@sgul.ac.uk

## Contact information

**Type(s)**

Scientific

**Contact name**

Dr Sally Hargreaves

**ORCID ID**

<http://orcid.org/0000-0003-2974-4348>

**Contact details**

St George's, University of London

Cranmer Terrace

Tooting

London

United Kingdom

SW17 0RE

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s.hargreaves@sgul.ac.uk

## Additional identifiers

**EudraCT/CTIS number**

Nil known

**IRAS number**

286347

**ClinicalTrials.gov number**

Nil known

**Secondary identifying numbers**

IRAS 286347

## **Study information**

**Scientific Title**

Facilitating the delivery of catch-up vaccination in adolescent and adult migrants and Black, Asian and Minority Ethnic (BAME) communities through UK general practice: a pilot study

**Acronym**

Vacc on Track

**Study hypothesis**

This research seeks to understand whether innovative engagement strategies in UK general practice can facilitate catch-up vaccination in adolescent and adult migrants and Black, Asian and Minority Ethnic (BAME) groups. This is important because these population groups have been shown to be underimmunised, and there are currently no systems in place in many GP practices to offer catch-up vaccination to adult migrants and BAME to align them with the UK vaccine schedule. The reasons why and which groups in particular are affected are currently poorly understood. In general practice, the new patient health check (NPHC) and other existing approaches offer untapped opportunities to gather vaccination history of new migrant/BAME patients and refer them for catch-up vaccination through existing care pathways in primary care. This study seeks to develop and test pathways to ensure these groups are offered catch-up vaccination to align them to the UK vaccine schedule with the aim of improving vaccine coverage in these groups.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Approved 18/12/2020, Yorkshire and the Humber - South Yorkshire Research Ethics Committee (NHSBT Newcastle Blood Donor Centre, Holland Drive, Newcastle upon Tyne, NE2 4NQ, UK; +44 (0)207 104 8079; southyorks.rec@hra.nhs.uk), ref: 20/YH/0342

**Study design**

Observational prospective cohort pilot study with a quantitative database analysis

**Primary study design**

Observational

**Secondary study design**

Cohort study

**Study setting(s)**

GP practice

## **Study type(s)**

Prevention

## **Participant information sheet**

Not available in web format, please use contact details to request a participant information sheet

## **Condition**

Underimmunisation in adolescent and adult migrants and Black, Asian and Minority Ethnic (BAME) groups

## **Interventions**

Migrant and BAME participants aged 16+ years will be offered catch-up vaccinations to fully align them with the UK vaccination schedule.

Participants are asked standardised questions about their ethnicity, country of origin, vaccination history, and history of vaccine-preventable diseases. Catch-up vaccination(s) will be offered where required according to UK guidelines. Participants may accept or refuse any combination of these vaccinations. Follow-up data will be collected for up to 18 months and will include whether which vaccine(s), and how many doses were received.

## **Intervention Type**

Biological/Vaccine

## **Phase**

Not Applicable

## **Drug/device/biological/vaccine name(s)**

MMR vaccine

## **Primary outcome measure**

Rates of underimmunisation and uptake/delivery of MMR vaccine measured through a review of the notes of consenting patients at the end of the study

## **Secondary outcome measures**

Delivery of other required vaccinations, previous vaccine-preventable disease, predictors of under-immunisation measured through a review of the notes of consenting patients at the end of the study

## **Overall study start date**

01/01/2020

## **Overall study end date**

01/10/2022

# **Eligibility**

## **Participant inclusion criteria**

1. Phase 1: Adolescent and adult (16+ years) migrants (defined as being born outside of the UK, but not including Western Europe, North America, Australia or New Zealand)

2. Phase 2: BAME individuals (defined as non-White-British ethnicities)
3. Currently residing in the UK

**Participant type(s)**

Patient

**Age group**

Mixed

**Lower age limit**

16 Years

**Sex**

Both

**Target number of participants**

1,000

**Total final enrolment**

59

**Participant exclusion criteria**

Age under 16 years

**Recruitment start date**

18/05/2021

**Recruitment end date**

01/10/2022

**Locations****Countries of recruitment**

England

United Kingdom

**Study participating centre****Barnet Federated GPs**

Barnet Research Network  
c/o Barnet Federated GPs Ltd  
311 Ballards Lane  
North Finchley  
London  
United Kingdom  
N12 8LY

# Sponsor information

## Organisation

St George's, University of London

## Sponsor details

Cranmer Terrace  
Tooting  
London  
England  
United Kingdom  
SW17 0RE  
+44 (0)20 8672 9944  
sahollin@sgul.ac.uk

## Sponsor type

University/education

## Website

<http://www.sgul.ac.uk/>

## ROR

<https://ror.org/040f08y74>

# Funder(s)

## Funder type

Government

## Funder Name

National Institute for Health Research

## Alternative Name(s)

National Institute for Health Research, NIHR Research, NIHRresearch, NIHR - National Institute for Health Research, NIHR (The National Institute for Health and Care Research), NIHR

## Funding Body Type

Government organisation

## Funding Body Subtype

National government

## Location

United Kingdom

# Results and Publications

## Publication and dissemination plan

This research will have important and impactful consequences in terms of changing practice in UK primary care, guiding PHE in delivering their national immunisation strategy, addressing data gaps, improving knowledge, and raising awareness in migrant communities and among health-care professionals around strategies to delivering catch-up vaccination, aligning with national priorities. A minimum of 4 peer-reviewed publication will be generated alongside a report of the research findings for dissemination, and a roundtable meeting will bring together at-risk migrant groups.

## Intention to publish date

01/12/2023

## Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are not expected to be made available due to the non-disclosure policies of the GP practices providing the data.

## IPD sharing plan summary

Not expected to be made available

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">HRA research summary</a>			28/06/2023	No	No
<a href="#">Results article</a>		03/05/2024	31/07/2024	Yes	No