



# Current landscape Focus on Health Inequalities (NHS Race and Health Observatory)

Professor Habib Naqvi



# Tackling ethnic and racial inequalities in health

Dr Habib Naqvi  
Director, NHS Race and Health Observatory



# ETHNIC HEALTH INEQUALITIES IN THE UK



BLACK WOMEN ARE **4x** MORE LIKELY THAN WHITE

women to **DIE** in **PREGNANCY** or childbirth in the UK.

Ref: <https://bit.ly/3ihDwcN>



IN BRITAIN, SOUTH ASIANS HAVE A

**40%** HIGHER DEATH RATE

from **CHD** than the general population.

Ref: <https://bit.ly/3iifo9V>

ACROSS THE COUNTRY, FEWER THAN

**5%** OF BLOOD DONORS

are from **BLACK AND MINORITY ETHNIC** communities.

Ref: <https://bit.ly/3ulg17r>



**24%** OF ALL DEATHS IN ENGLAND & WALES, IN 2019,

were caused by **CARDIO VASCULAR DISEASE** in Black and minority ethnic groups.

Ref: <https://bit.ly/3CYz22P>



SOUTH ASIAN & BLACK PEOPLE ARE

**2-4x** MORE LIKELY TO DEVELOP

Type 2 diabetes than white people.

Ref: <https://bit.ly/3ulDy88>



BLACK AND MINORITY ETHNIC PEOPLE HAVE UP TO

**2x**

the mortality risk from **COVID-19** than people from a **WHITE BRITISH BACKGROUND**.

Ref: <https://bit.ly/3EzS2Qd>

ESTIMATES OF DISABILITY-FREE LIFE EXPECTANCY ARE

**10 YEARS**

LOWER FOR **BANGLADESHI MEN** living in England compared to their White British counterparts.

Ref: <https://bit.ly/3urjmt>

IN THE UK, **AFRICAN-CARIBBEAN MEN** ARE UP TO

**3x**

more likely to **DEVELOP PROSTATE CANCER** than white men of the same age.

Ref: <https://bit.ly/39KWqEs>



BLACK AFRICAN AND BLACK CARIBBEAN PEOPLE ARE OVER

**8x**

more likely to be subjected to **COMMUNITY TREATMENT ORDERS** than White people.

Ref: <https://bit.ly/3zK5jL>



CONSENT RATES FOR ORGAN DONATION ARE AT

**42%**

for Black and minority ethnic communities and **71% FOR WHITE ELIGIBLE DONORS**.

Ref: <https://bit.ly/3ogH3fm>





# Rethinking a work programme

Through robust stakeholder engagement, we have identified several broad areas of focus for the Observatory during its first 3 years:



## Improving health and care

- a. Maternity and neonatal health outcomes
- b. Mental health and wellbeing



## Empowering the vulnerable

- a. Impact of Covid-19 on diverse communities
- b. Care pathways for those with sickle cell



## Innovating for all ages

- a. Insight and digital access to healthcare
- b. Genomics and precision medicine



## Creating equitable environments

- a. Role of healthcare architecture and leadership
- b. Diversifying healthcare research and education



## Partnerships and global working

- a. Community and stakeholder engagement in the UK
- b. Global partnerships and sharing good practice



# Rethinking the operating model

The Observatory will work towards tackling ethnic and racial inequalities in healthcare amongst patients, communities and the NHS workforce. It will be a proactive investigator, making evidence-based recommendations for change and helping to facilitate practical implementation of those recommendations across health and care.

# 1

## Synthesize insight

Catalyse and facilitate high-quality and innovative evidence to develop meaningful insight



# 2

## Inform policy

Develop and embed evidence-based insight into actionable policy recommendations for change



# 3

## Enable transformation

Support the implementation of recommendations and share good practice to facilitate change in the NHS

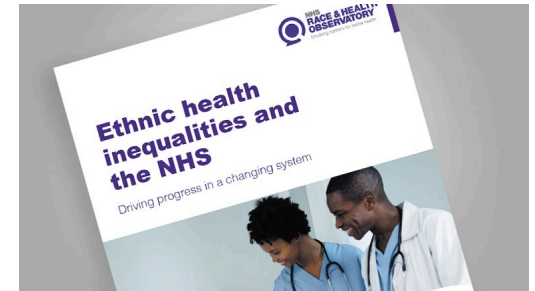


# NHS RHO programmes of work

- Exploration of the impacts of Long-COVID on UK healthcare workers
- A review of ethnicity coding in English health service datasets
- Examination of neonatal testing and practice (including the Apgar Score) in Black and Asian newborns
- A review of the Improving Access to Psychological Therapies (IAPT) programme
- Identifying best practice in mental health care for Gypsy, Roma and Traveller communities
- Factors contributing to ethnic health inequalities for those with learning disabilities from minority ethnic communities
- Understanding ethnic health inequalities in the genetic testing and diagnosis of familial hypercholesterolemia
- Improving the utility of dihydropyrimidine dehydrogenase (DPD) genetic testing
- Elective backlog and ethnicity: Is there variation in lost activity time-to-treatment and rates between ethnic groups?
- A review of NHS-managed national patient and public mobile health applications (apps)
- Improving models of care for sickle cell disease (x3 programmes of work)



# Outputs and recommendations



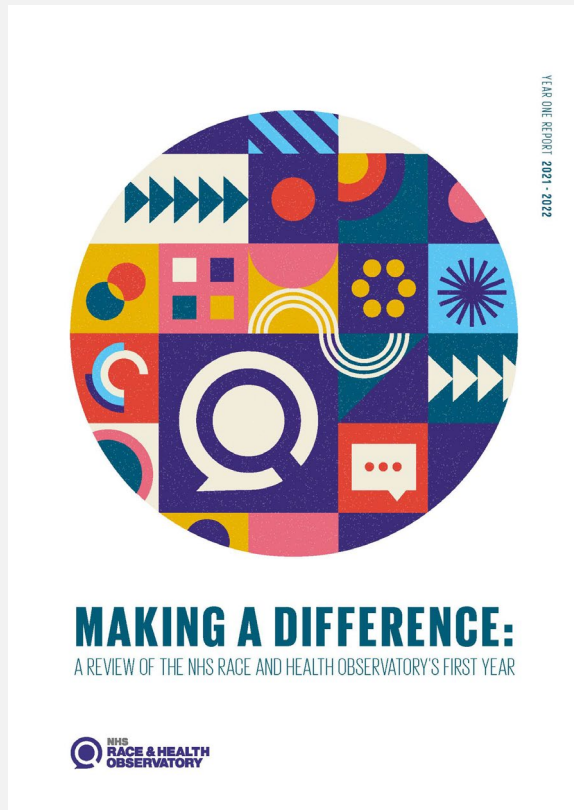
# Rethinking leadership responsibility

Although many of the causes of ethnic health inequalities are beyond its control, the NHS does have an important role to play in tackling them. It needs to build on the work undertaken during the pandemic and urgently address critical gaps in its capabilities to tackle ethnic health inequalities:

1. Accelerating action to **diversify its senior leadership** and improve the experience of staff from Black and minority ethnic groups.
2. Ensuring **executive health inequality leads**, a role established as part of the NHS's pandemic recovery plans, are fully enabled and supported to fulfil that critical function.
3. Increase **investment in community engagement** work with ethnic minority communities to develop and deliver culturally competent services - to build sustained and trusting relationships.
4. Actions to address ethnic health inequalities must sit within a **broader approach to addressing the overlapping causes** and dimensions of health inequalities.
5. NHS's structures need to reinforce the tackling of **ethnic health inequalities as a priority** without repeating previous errors of an overly centralised and top-down approach.
6. The NHS must act at every level from national government through to local neighborhoods to address ethnic health inequalities, and critically, the **root causes** of those inequalities – making this 'business as usual' rather than a sideshow.



# NHS Race and Health Observatory: Year One Report



- **Driving policy change**
- **Shaping research**
- **Engaging the public**
- **Influencing leadership**
- **Creating practical tools**



**NHS**  
**RACE & HEALTH**  
**OBSERVATORY**

**Email: [info@nhsrho.org](mailto:info@nhsrho.org)**

**Website: [nhsrho.org](http://nhsrho.org)**

**Twitter: [@DrHNaqvi](https://twitter.com/DrHNaqvi)**



# Health Equity and the Role of Community Engagement

Professor Mahendra Patel



# NIHR Applied Research Collaboration (ARC) Showcase 2022

## Health equity and the role of community engagement

**Professor Mahendra G Patel OBE PhD FHEA FNICE (Alumni) FIPA (India) FRPharmS**  
Pharmacy, and Inclusion and Diversity Lead: PANORAMIC and PRINCIPLE trials

Professional Advisor to the Chief Pharmaceutical Officer  
NHS England



SAID Business School  
Oxford Nov 2022



# HEALTH INEQUALITIES

*the*  
PHARMACEUTICAL JOURNAL

*The Pharmaceutical Journal* | 12 JUN 2020 | By Mahendra Patel

**We must tear down the barriers to equality for BAME communities highlighted by COVID-19**

There are two ways that we can begin to address the long-running health disparities between different ethnic groups, which have been highlighted by the disproportionate effects of the COVID-19 pandemic: robust research and local engagement.



# UK-WIDE COMMUNITY OUTREACH STRATEGY

- University communities
- Medical, nursing, pharmacy, AHP, public health and community organisations
- Faith groups, places of worship, local community groups
- Media – television, radio, print, social media



**BAPIO**  
North-West  
CPD Session

Topic:  
**Inclusion and diversity: COVID -19  
treatment in the community -  
The PANORAMIC Trial**

Date- 21. 01. 2022  
Time- 19:00 hrs.

Prof. Mahendra G Patel, DPhC,  
Pharmacy Lead BAPIO

Prof. Chris Butler,  
Chief Investigator  
(PANORAMIC),  
University of Oxford

Eddie Gray,  
Chair  
ATF Committee, DHSC



**PRINCIPLE**  
Platform Randomised trial of Interventions  
against COVID-19 in older peoPLE

**PUNJABI COMMUNITY AWARENESS**

PROFESSOR MAHENDRA G PATEL

**CORONAVIRUS**

# UNIVERSITY TOWNS AND CITIES



## University health expert urges Birmingham residents at high risk from Covid-19 to sign up for home treatment trials

UNIVERSITY NEWS | LAST UPDATED : 20 APRIL

Birmingham residents who are especially vulnerable from Covid-19 are being encouraged to take part in a UK-wide public health trial to find an effective treatment to help prevent people with the disease being hospitalised.

Professor Mahendra Patel, Honorary Visiting Professor in Advancing Diabetes Care at



Students help to drive nationwide clinical study to find Covid-19 treatments for the over 50s



Students from De Montfort University Leicester (DMU) are the first in the country to help drive a nationwide clinical study to find Covid-19 treatments for the over 50s that can help speed up recovery.

Led by University of Oxford, the study known as the PRINCIPLE trial, is primarily evaluating whether treatment prescribed in the first 14 days of Covid-19 illness can speed up recovery in people aged over 50 and prevent the need for hospital admission.



## Drugs trial that could prevent hospitalisation from covid

Published: February 18, 2021



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# STUDENT COUTREACH INITIATIVE





# DOCTORS ORGANISATIONS

- Muslim doctors Cymru – helping to create resources and materials in different languages
- These resources promoted to communities in Wales and wider through various platforms.

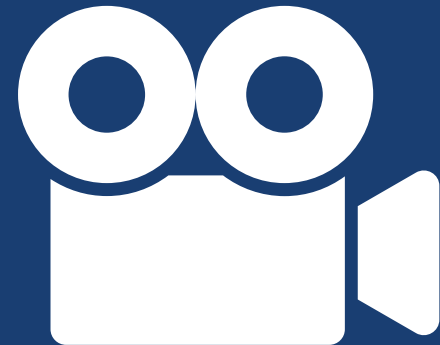




# NURSING ORGANISATIONS

The UK Government's Chief Nursing Officer for Wales produced videos to share through their networks and their countries, and encouraging their counterparts to do same.

Other examples: British Nepalese Nurses Association, British Filipino Nurses and British Indian Nurses Association



# PHARMACY ORGANISATIONS

The collage features several news articles and images:

- Community pharmacy news, analysis and CPD | Est. 1859**
  - Article: **Lloyds asks its 1,400 branches to help find COVID-19 trial volunteers** by Valeria Fiore 05/11/2020. Includes an **EXCLUSIVE** section with the **LloydsPharmacy** logo and text: "Lloydspharmacy will ask its staff to 'engage with customers and patients' about the trial" and "Lloydspharmacy is encouraging its teams to help find suitable patients for an Oxford University COVID-19 clinical trial, C+D has learned."
- pharmacy BUSINESS**
  - Article: **Breaking: Well Pharmacy joins Oxford trial for Covid-19 treatment to raise awareness** by WJ Woodier October 21, 2020. Includes a **PRINCIPI** logo and text: "Platform Randomised trial of Interv against COVID-19 In older peoPLE" and "Well Pharmacy has teamed up with an Oxford university trial for coronavirus support its most vulnerable and at-risk patients and members of staff."
- Scotland's 1,200 pharmacies encouraged to support COVID clinical trial** (09 Dec 2020 | NEWS) by Valeria Fiore @CandValeria. Includes an image of the **Scottish flag** and text: "Pharmacies can show their 'vital role' in community healthcare" and "Pharmacy Scotland (CPS) is encouraging the 1,252 pharmacies in its network suitable patients to the Oxford University PRINCIPLE trial."
- Superdrug flags COVID-19 trial in its 200 pharmacies** by Valeria Fiore 04/12/2020. Includes an image of a **Superdrug wellbeing** pharmacy interior and text: "Superdrug pharmacies and nurse clinics will display posters of the trial" and "Superdrug has become the latest multiple to support the Oxford University COVID-19 clinical trial, raising awareness in its pharmacy branches and nurse clinics."

# PHARMACY FOOTPRINT UK-WIDE

Showcasing the different stage and progression of the Pharmacy Network across the UK.

Even this struggles to cover the support provided with over 8000 sites signed up to help signpost.



# REGULATORY ORGANISATIONS

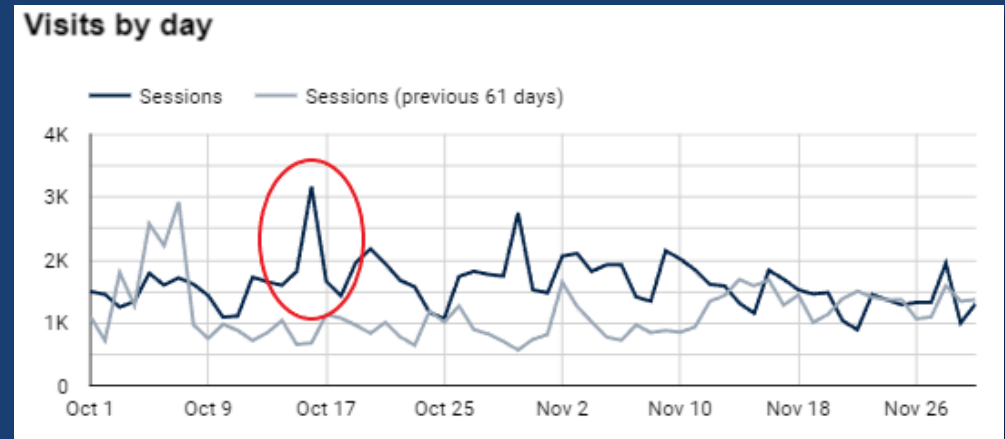
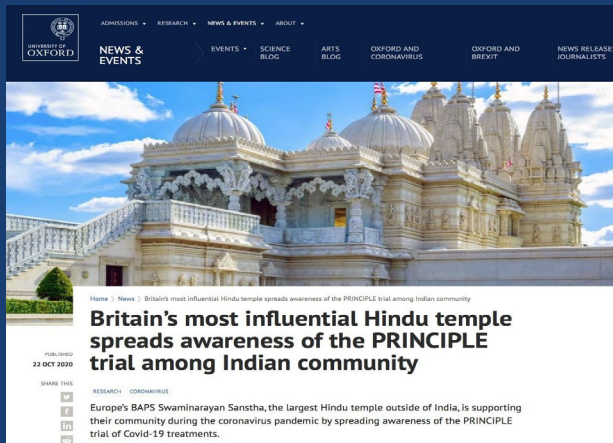
Gaining support from the pharmacy regulatory body to help promote the trial through their own website and to its pharmacists and pharmacy technicians at scale – first of its kind.

The image shows a screenshot of the Regulate website, which is part of the General Pharmaceutical Council (GPhC). The website features a green header with the 'Regulate' logo and a search bar. Below the header, there is a navigation menu with links for 'Regulate', 'Blog', and 'GPhC home'. The main content area displays an article titled 'PANORAMIC study: help find effective early treatments for COVID-19' dated 17 February 2022. The article text discusses the GPhC's commitment to raising awareness about the PANORAMIC study, a UK-wide clinical trial for COVID-19 treatments. It mentions the GPhC's strategy of 'Delivering equality, improving diversity and fostering inclusion' and notes that the study is approved by the Medicines and Healthcare Products Regulatory Agency (MHRA).

Overlaid on the right side of the screenshot are four circular callouts with statistics:

- On average, about 500,000 visits to the GPhC website each month**
- 3,703 views of Regulate between 16 February and 16 March 2022**
- Total registrants as at 1 January 2022 – 85,506 (Regulate sent to everyone who opts in)**
- We promoted the PANORAMIC study through our website, our Regulate newsletter and through our Twitter pages**

# INFLUENCE OF PLACES OF WORSHIP



Three-fold increase on the 61 day average immediately following broadcast – and remained elevated

# MEDICAL SCIENCE COMBINED WITH FAITH

Post-Jumma Announcement



Finding new effective antiviral treatments for COVID-19

Assalaam'alaikum dear brothers and sisters,

Allah says in the Quran -  
"whoever saved one life, it is as if they saved  
the whole of humanity" 5:32

There is a study taking place in Oxford which is  
seeking to find cures - not vaccines, but actual  
treatments - for COVID

They have participants from all backgrounds but  
need more Muslims to take part and support the study

The trial is UK-wide and led by the University of Oxford

If you have pre-existing health condition  
have COVID positive test in the last 5 days  
AND having symptoms

Visit [www.panoramictrial.org](http://www.panoramictrial.org) and help be part of world  
leading research which may save the world.



British Islamic  
Medical Association

MCB  
The Muslim Council of Britain

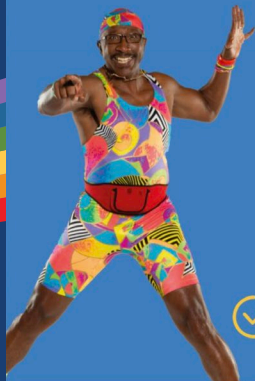
British Muslim organisations support PANORAMIC ahead of Ramadan

31 March 2022

The Muslim Council of Britain (MCB) and the British Islamic Medical Association (BIMA) joined forces in March to help promote the PANORAMIC trial as part of a series of outreach activities ahead of the Muslim holy month of Ramadan, enabling greater outreach to diverse communities across Britain.



# KEY INFLUENCERS




**“The PANORAMIC study is comparing the current best care in the NHS to the same care plus treatment with an antiviral medication. Could you help?”**

**Mr Motivator**

✓ Tested positive for COVID-19 and are experiencing symptoms, starting in the last five days?

✓ Aged 50 or over? Or 18 or over with an underlying health condition?

**We can't do it without you. Visit [www.panoramictrial.org](http://www.panoramictrial.org)**



**ANTIVIRAL DRUGS CONVERSATION**

GET ALL YOUR QUESTIONS ANSWERED ABOUT A NEW COVID-19 TREATMENT THAT COULD SAVE LIVES.

**DR. SEUN BAKARE**  
of the University of Liverpool

**PROF. MAHENDRA PATEL**  
of the University of Liverpool

**ANNE WELSH**  
CEO and Founder of Painless Universal

**DATE: FRIDAY 4TH FEBRUARY, 2022**  
**TIME: 8:00 PM (GMT)**  
**LIVE: @ladyannewelsh**



priscilla\_195 Looking for a lasting solution. #Stay safe  
19h Reply

guy\_draws\_too This will be a chance to highlight the PA @dr.mahendrapatel is a to it.  
20h Reply

julie\_jyamba Looking to this! 🙌🙌  
18h Reply

gp\_tah Amazing 🙌🙌  
18h Reply

sharon\_01 I'm Looking forward to this! 🙌🙌  
18h Reply

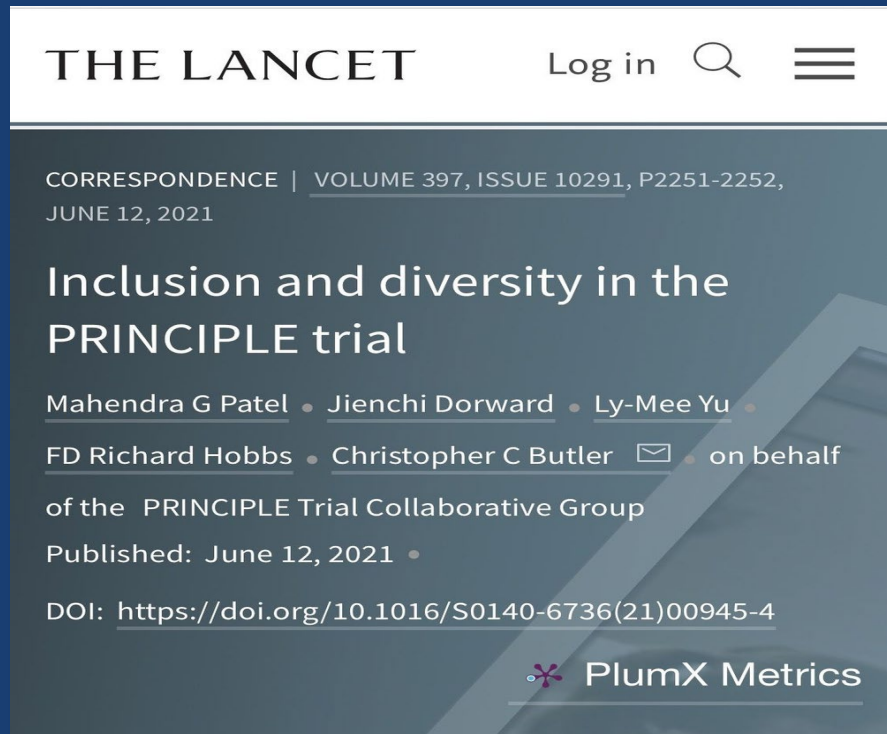
chrislyncollections Looking forward to it 🙌🙌  
17h Reply

9,523 likes  
1 day ago

Working with key individuals having established audiences to reach tens of thousands of people over social media.



# RECRUITMENT: COMPARABLE TO NATIONAL CENSUS



THE LANCET Log in 🔍 ☰


CORRESPONDENCE | [VOLUME 397, ISSUE 10291, P2251-2252](#),  
JUNE 12, 2021

## Inclusion and diversity in the PRINCIPLE trial

[Mahendra G Patel](#) • [Jienchi Dorward](#) • [Ly-Mee Yu](#) •  
[FD Richard Hobbs](#) • [Christopher C Butler](#) ✉ • on behalf  
of the PRINCIPLE Trial Collaborative Group

Published: June 12, 2021 •

DOI: [https://doi.org/10.1016/S0140-6736\(21\)00945-4](https://doi.org/10.1016/S0140-6736(21)00945-4)

 PlumX Metrics

This strategy contributed to the inclusion of 55 (4.0%) South Asian and seven (0.5%) Black participants in our analysis of azithromycin for treatment of suspected COVID-19,<sup>2</sup> which was comparable to 3.7% Asian ethnicity and 1.6% Black ethnicity among people older than 50 years (PRINCIPLE's target age group) in England and Wales.<sup>3</sup> The proportions of participants' in Index of Multiple Deprivation (IMD) quintiles were (from most to least socioeconomically deprived): 352 (26%) of 1375 in IMD1; 267 (19%) of 1375 in IMD2; 270 (20%) of 1375 in IMD3; 241 (18%) of 1375 in IMD4, and 245 (17%) of 1375 in IMD5. Overall, this shows good recruitment from socioeconomically deprived and minority ethnic communities.

PRINCIPLE's innovative approach now supports the recruitment of minority ethnic participants to other UK national trials. We recognise that



# RESOURCES

Primary Care Clinical Trials Unit

**Young Leaders and Advocates for the Learning Disability Community**

119 views

Primary Care Clinical Trials Unit

**PRINCIPLE Trial Introduction**

Olutayo Arikawe

PRINCIPLE Trial BAME Community Video

34 views

Primary Care Clinical Trials Unit

**PRINCIPLE Trial (Punjabi)**

Balraj Singh Grewal

PRINCIPLE Trial Introduction (Punjabi)

17 views

Primary Care Clinical Trials Unit

**PRINCIPLE Trial (Gujarati)**

Rena Amin

PRINCIPLE Trial in Gujarati

11 views

# NIHR LEARNING RESOURCES

NIHR | National Institute for Health Research

August NIHR Learn Insights

## NIHR Learn Insights

### CPD resource



How can we effectively engage diverse communities into research?; Platform Randomised Trial of Treatments in the Community for Epidemic and Pandemic Illnesses (PRINCIPLE Trial)



Prof Mahendra Patel  
PRINCIPLE Trial  
Co-investigator, and Pharmacy and Ethnic Minority Communities Research Lead

... AND SOMETHING ELSE THAT'S NEW!



Centre for  
Research Equity

through Pharmacy, Communities and Healthcare

# OBJECTIVES



- Provide support and training for our research and support staff to increase health equity.
- Evidence the benefits for community based recruitment and trial design.
- Building on the evidence base around the determinants of health inequalities propose methods and research design to improve outcomes for all.
- Support inclusive community engagement, involvement and participation in research.
- Creating a national and regional hub and spoke model

# Supporting organisations



- Sir David Haslam CBE FRCGP FRCP Past Chair NICE, Past President RCGP and BMA
- Neasden Temple BAPS Swaminarayan Sanstha UK and Europe
- NHS Chief Pharmaceutical Officers England, Scotland, Wales and Northern Ireland
- President British Islamic Medical Association (BIMA)
- British Association of Physicians of Indian Origin (BAPIO)
- General Pharmaceutical Council (GPhC)
- Health and Race Observatory
- National Clinical Director for Cardiovascular Disease Prevention NHS England
- Esther Mukuka, NIHR EDI Director.

# Equity in research toolkit

## Introduction

The Equity in Research toolkit is currently in its earliest version, and we are still taking on board feedback from colleagues and partners to refine it.

Overtime, and with your feedback, we hope to hone, expand and improve it to be the most practical and comprehensive guide for researchers in the UK and beyond to make their research truly equitable, in terms of race, ethnicity, diversity and inclusivity.



## Feedback

Please email us if you have any feedback or ideas to share for the toolkit.

[arc\\_oxtv@phc.ox.ac.uk](mailto:arc_oxtv@phc.ox.ac.uk)

## Statements of support for the Equity in research toolkit

“

*BAPIO is striving to reduce inequality in healthcare and will be happy to be part of the centre. We will offer our significant national and international networks to support the activities of the centre.*

- Dr Ramesh Mehta OBE, President British Association of Physicians of Indian Origin

“

*As an international community-based Hindu organisation affiliated to the United Nations, caring for individuals, families and societies, BAPS have supported PRINCIPLE and PANORAMIC trials reaching out to the*

[www.arc-oxtv.nihr.ac.uk/EDItoolkit](http://www.arc-oxtv.nihr.ac.uk/EDItoolkit)

# COMMUNITY OUTREACH TOOLKIT



## Support for the Equity in research toolkit:

“BAPIO is striving to reduce inequality in healthcare and will be happy to be part of the centre. We will offer our significant national and international networks to support the activities of the centre.”

*Dr Ramesh Mehta OBE, President, British Association of Physicians of Indian Origin*

“It is essential that we act on data and evidence gathered through research in order to address where improvements can be made to tackle the reduction of health inequalities, and accurately reflect the UK's ethnically diverse population.

Rose Obianwu, NHS Race and Health Observatory

“As an international community-based Hindu organisation affiliated to the United Nations, caring for individuals, families and societies, BAPS have supported PRINCIPLE and PANORAMIC trials reaching out to the communities throughout UK. [...] This is a very worthy initiative, and we are proud to support in whatever capacity we can and to foster a much stronger relationship between the Centre and BAPS.”

*Rena Amin, BAPS Shri Swaminarayan Mandir*



# COMMUNITY OUTREACH TOOLKIT

Support for the Equity in research toolkit:



“We must all be responsible in continuing our efforts to provide support and training for our research staff to address health inequalities. Our closer collaboration with allied healthcare professionals is therefore vital in supporting this important work. This will not only empower the centre to engage in inclusive practices with our wider communities, but also ensure that those who are disadvantaged by their health or social determinants do not get left behind.

*Dr Margaret Ikpoh, Vice Chair, Royal College of General Practitioners (RCGP)*

“We were privileged to have supported you and the Oxford Panoramic trial in helping to recruit from within our communities and are delighted to hear that the Centre for Research Equity is being set up at Oxford.

You have our full support in taking this methodology forward and improving access to research to underserved communities like ours. The role of credible and trusted messengers has been made quite evidence through the pandemic.”

*Dr Salman Waqar, President, British Islamic Medical Association*



# Closing Remarks and Poster Prize Giving

Professor Stavros Petrou



# Upcoming opportunities to get involved



- 1<sup>st</sup> December: **New funding call**, provide funding for:
  - Individual Capacity Development
  - Organisational level capacity development (e.g. training, mentorships, ring-fencing staff time etc)
  - Research projects up to £10,000/ project



- **Recruiting for a new MSc in Social Care** (with Oxford Brookes)



- **Further HEE funding for Internships** early 2023



- **New resources and training** available to all (EDI toolkit, The CUBE tool, digital health seminars, etc)



- **Opportunities to build new collaborations** and continue discussion from today.



# Poster Prizes!

All prizes were decided through a peer review process, which included public partners, and feedback will be provided to all who submitted.

The awards:

- Best Overall Poster
- Best PPI
- Most engaging poster



**NIHR**

Applied Research Collaboration  
Oxford and Thames Valley

**Showcase 2022**

**Thank you**

**Safe journey home**