

Healthy Ageing Research

Local context national impact

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The Healthy Ageing Research Family



University of Manchester
Healthy Ageing Research
Group

Manchester Institute for
Collaborative Research on
Ageing (MICRA)

National Institute for
Health Research - Applied
Research Collaboration
(Healthy Ageing theme)

<https://arc-gm.nihr.ac.uk/>

National Institute for
Health Research - Older
People and Frailty Policy
Research Unit

<https://www.opfpru.nihr.ac.uk/>

Aims and Scope



- NIHR Applied Research Collaborations (ARCs) support applied health & care research that responds to and meets needs of local populations & health & care systems.
- Further funding from
 - NIHR Healthy Ageing, Dementia & Frailty National Priority Area
 - Centre for Ageing Better
 - NHS:E
 - NIHR HS&DR and PHR Programmes
 - NIHR/Alzheimer's Society Dementia Capacity Building
 - Dunhill Medical Trust/NIHR/University of Manchester Healthy Ageing PhD Programme
 - Greater Sport
 - NHMRC

Aims and Scope

- **Healthy ageing**

- enable people to live longer, healthier, fulfilling & socially connected lives in safe environments

Focus

- **Develop evidence of what works**

- reduce risk of poor health & wellbeing
- reduce morbidity & frailty in Greater Manchester,
- align with Centre for Ageing Better & GM Population Health Plan

- **Advance GM research capacity in Healthy Ageing**

- act as knowledge hub for stakeholders including older adults

DHSC Research Priorities

(Jan 2023)

- Early action to prevent poor health outcomes
 - Prevention, early diagnosis & appropriate intervention for people at increased risk of poor health to prevent excess deaths, improve population health, reduce disparities & decrease reliance on health and social care
- Reduction of pressure on NHS & social care
 - Improved patient outcomes & reduced pressure across health and care system through preventing avoidable admissions, utilising innovations to make routine care more efficient & resilient, enabling smart discharge, & through effective pandemic preparedness & new treatments to tackle a range of infectious diseases
- Shaping & supporting the health and social care workforce of the future
 - A public health, NHS, social care & wider health workforce that is effectively structured, trained, deployed & supported to deliver future effective & efficient models of healthcare which meet the needs of the UK's changing population.

<https://www.gov.uk/government/publications/department-of-health-areas-of-research-interest/department-of-health-areas-of-research-interest>

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DHSC Research Priorities

Cross cutting themes: research which

- reduces health disparities & improves health & economic outcomes for the most deprived 20% of the population
- promotes economic growth by delivering a healthier workforce, a more efficient NHS, a higher skilled health & social care workforce, & through investment in life sciences sector
- accelerates adoption & scale of innovation in health and care system

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DHSC Research Priorities

Cross cutting methods

- Systems thinking
- Data science
- Health economics
- Behavioural science
- Implementation science
- Evidence synthesis

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Project areas

- **How do we identify health risks in ageing and help people to maintain independence and resilience?**
- **Activity promotion**
 - Behaviour Change Interventions in Later Life
 - Signpost to Health
 - Active, Connected, Engaged (ACE) Trial
 - Promoting Physical Activity in the Workplace
 - Menopause & Physical Activity
 - CMO Physical Activity Guidelines
 - High Intensity Strength Training for Older People

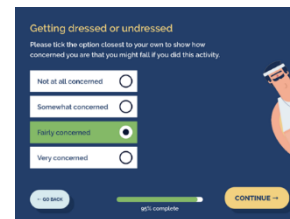
Projects areas

- **Fall Prevention, Exercise/Activity & Technology**

- Standing Taller
- Falls Services following COVID-19
- Falls Management Programme Implementation study (FLEXI)
- Keep-on-Keep-Up
 - Evaluation
 - Urdu translation
 - Dementia
 - Implementation & effectiveness study
- Digital Aged 75+ project
- Germ Defence for Care Homes



Greater
Manchester Falls
Collaborative



Getting dressed or undressed

Please tick the option closest to your own to show how concerned you are that you might fall if you did the activity

Not at all concerned	<input type="radio"/>
Somewhat concerned	<input type="radio"/>
Very concerned	<input checked="" type="radio"/>
Very concerned	<input type="radio"/>

6/5 complete

CONTINUE



Projects areas

- **Dementia**

- Everyday aesthetics
- End of life care
- Keep On Keep Up app
- Activity and dementia prevention

- **Delirium**

- Delirium toolkit evaluation
- Delirium & falls review

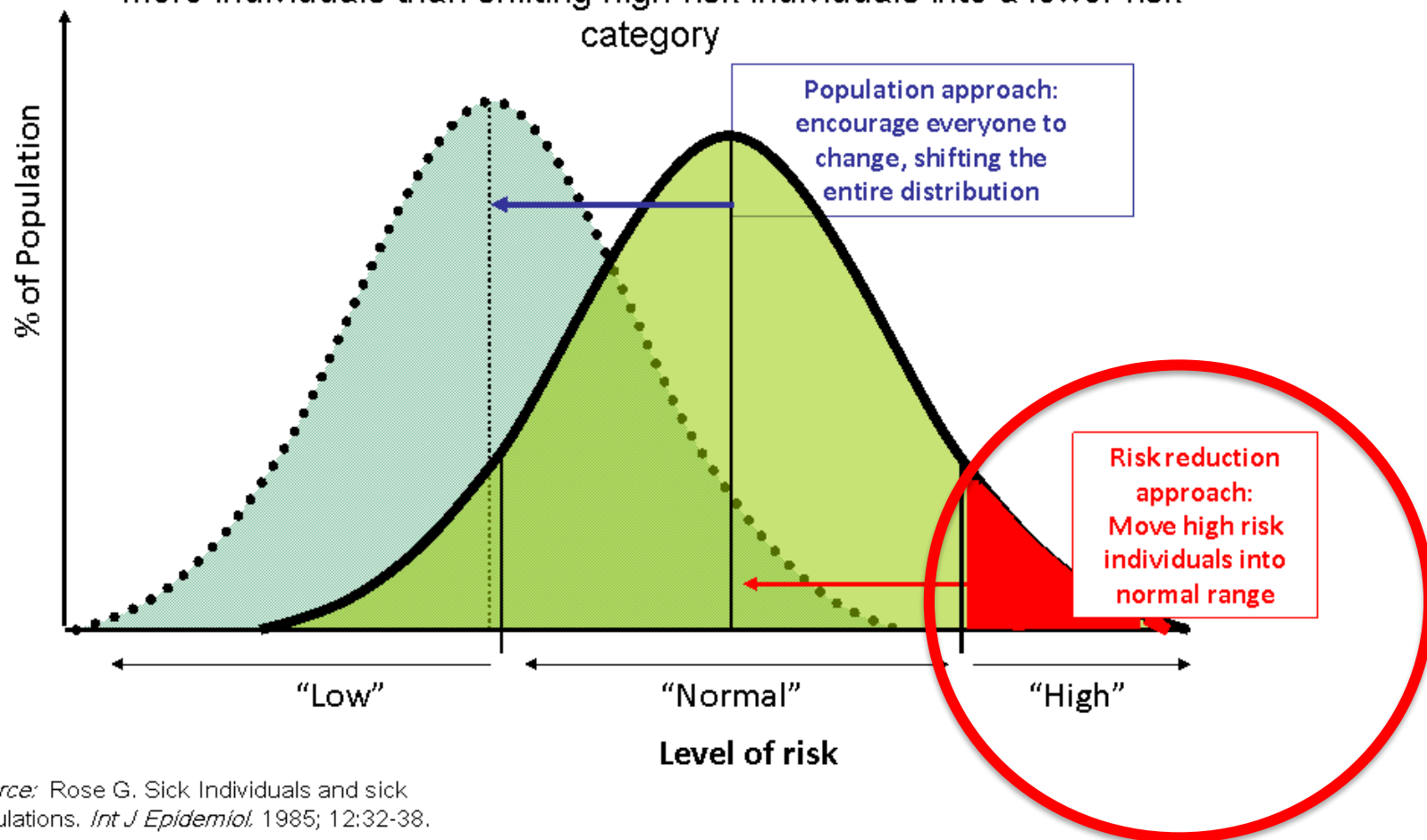
Focus on the future

- **Prevention**

- Activity promotion and behaviour change to prevent poor outcomes
- Reduce disparities, between rich and poor, reach those most in need
- Reduce pressures on health and social care
- Technologies to support (not replace) health and social care workers (accelerate and upscale innovation)
- Early identification and intervention at risk rather than waiting for disease/condition to develop

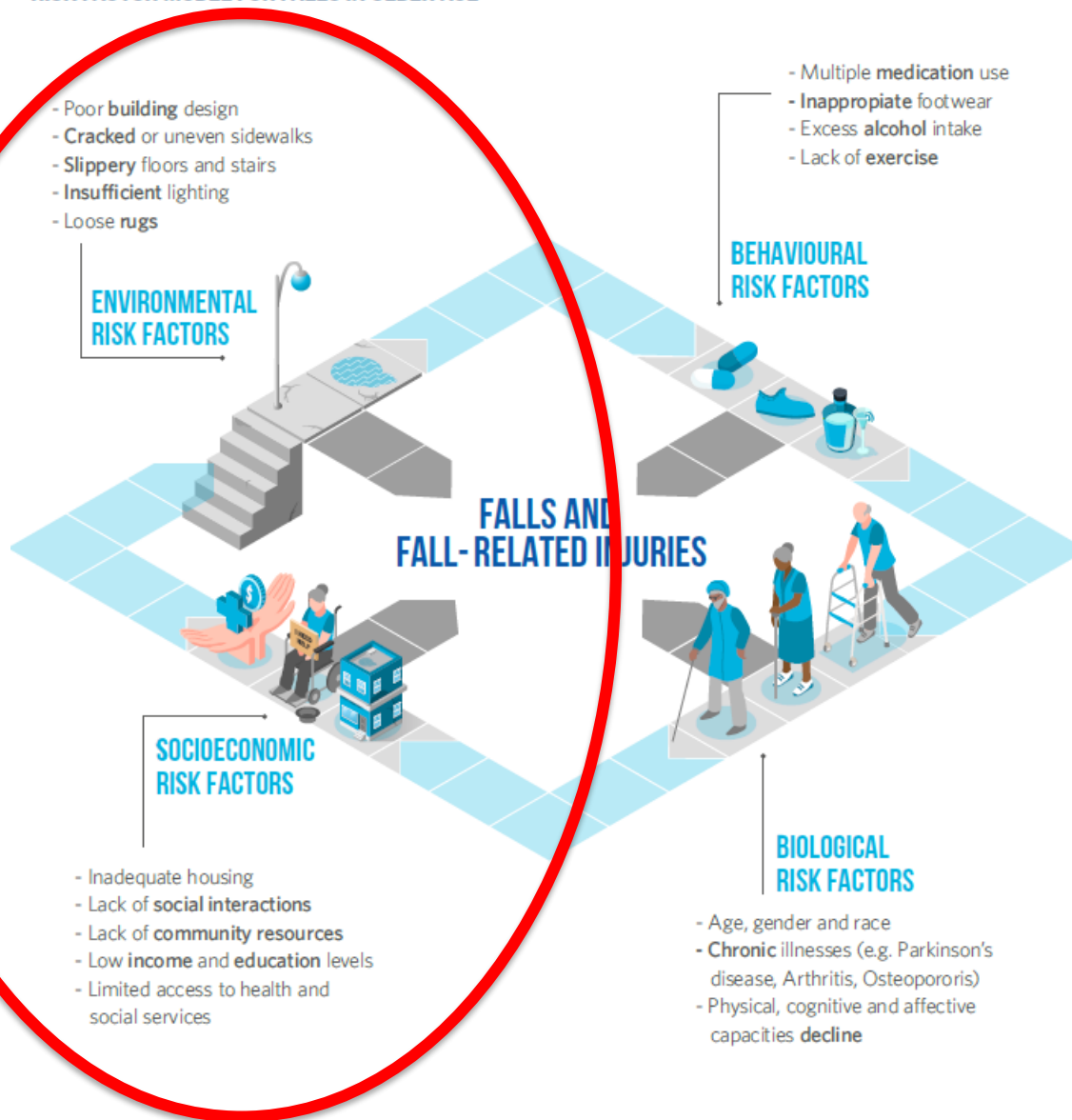
The Bell-Curve Shift in Populations

Shifting the whole population into a lower risk category benefits more individuals than shifting high risk individuals into a lower risk category



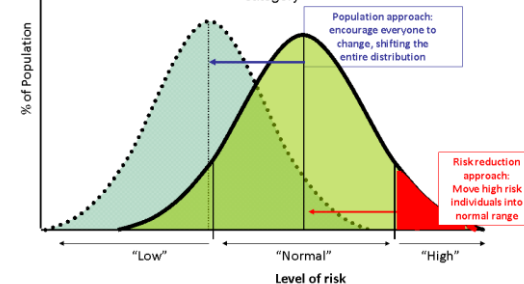
Source: Rose G. Sick Individuals and sick populations. *Int J Epidemiol*. 1985; 12:32-38.

RISK FACTOR MODEL FOR FALLS IN OLDER AGE

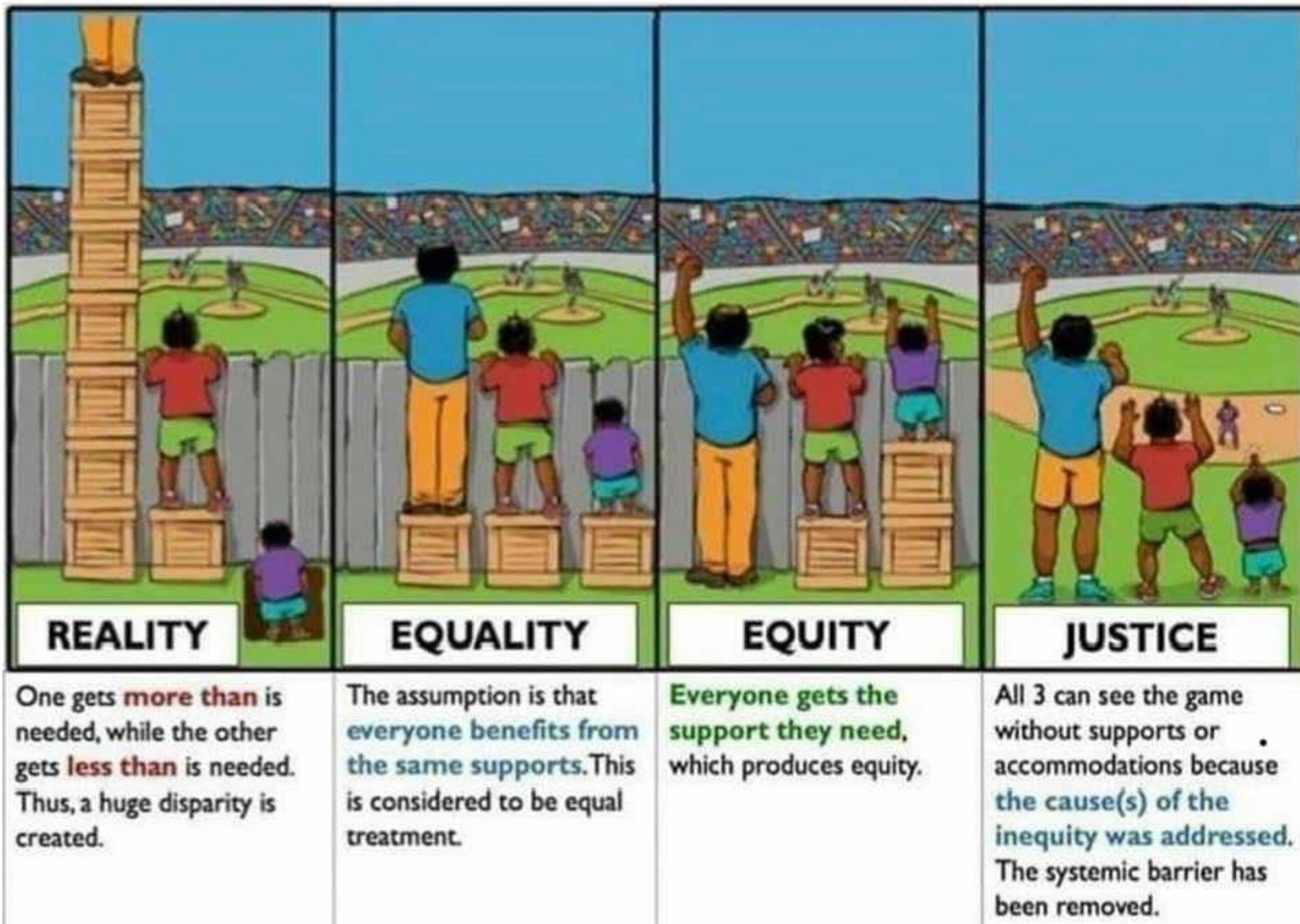


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Greater
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Integrated Care
Partnership

