Over the past 15 years, 17% of antibiotics have been prescribed unnecessarily to patients in the North West.

Greater Manchester CHC

We are using de-personalised patient information to improve the prescribing of antibiotics

www.connectedhealthcities.org/greater-manchester

@CHCNorth #DATASAVESLIVES

For information on your GP surgery policies for the re-use of health data for research contact you practice directly.
Antibiotic Resistance

Antibiotics are used to kill bacteria when we get an infection or to protect us when our immune systems are vulnerable.

We are currently facing a crisis in public health; bacteria are becoming more resistant to the antibiotics and there is a chance they might stop working altogether.

One of the reasons is over-prescription. Antibiotics are being given out too often and the bacteria are becoming immune.

How we’re tackling the problem

Researchers at The University of Manchester are using de-personalised GP practice information to develop an online dashboard that will:

- identify which kinds of patients benefit from antibiotics
- show when antibiotics have been prescribed unnecessarily
- generate practice targets for improved prescribing

FAQs

What information will Greater Manchester CHC use?
De-personalised information from GP records – Anything that ties the data to your identity is removed

Who will access the records?
As well as the people who can access practice records now, such as GPs, GM CHC Researchers at The University of Manchester will also have access to de-personalised practice

How will the information be used?
Records will be used to understand and improve antibiotic prescribing, and the results will be shared with GPs and pharmacists
What are the benefits?

- Better understanding of patient’s health and care requirements
- Regular updates for doctors on the latest prescribing guidelines, ensuring best care for patients
- Better information available for doctors to identify which patients need antibiotics
- Reduced waste of NHS resources with less antibiotics prescribed unnecessarily

“By using de-personalised patient information we can generate crucial insights into the prescribing of antibiotics. These insights will then support GPs in targeting prescribing to the patients who really need it.”

PROF TJEERD VAN STAA, HEALTH INFORMATICIAN, THE UNIVERSITY OF MANCHESTER
Our engagement campaign is designed to highlight the positive impact of health informatics research on public health. The hashtag #datasaveslives is used as a reference point that unites case studies, publications, news stories and support for the use of data in research in a digital library of evidence.

If you would like to get involved follow @CHCNorth on Twitter and tweet your support using the hashtag #datasaveslives

Who are we?

The Greater Manchester CHC, part of the Department of Health funded Connected Health Cities programme is delivered by the University of Manchester, to use data to improve the health of people across the region.

By linking de-personalised information from different health and social care services, we are able to convert patient data into new information, creating a more joined up health and social care system.