**Predicting long-term diseases in the real world:**   
**Get involved in shaping how doctors can make the best use of medical data!**

**Do you want a say in how your medical data can best be used to improve your healthcare and further healthcare research?**

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Doctors and researchers are looking at how they can use different sources of data from electronic medical records, mobile phones, tablets and laboratory results to improve NHS services and patient outcomes. Despite the potential of this ‘real-world’ medical data (as opposed to clinical trials), there are important challenges to consider in how we can deal with the sheer volume, variety and complexity of such data.

**We want members of the public to help us shape a new research project on how to use big healthcare data to better predict the risks of long term conditions and related health problems.**

Many people have used risk scoring tools (like <http://www.qrisk.org/> or <http://assign-score.com/>) to estimate their risk of developing a long-term condition. We want to know how to improve on such scores and present results in the best way to help patients understand and use this information.

**We want to hear from you.**

We are looking for up to 5 people with type 2 diabetes or heart disease to meet with the research team and comment on our research ideas. You can also take part if you’ve been told by your GP, hospital doctor, consultant, practice nurse etc. that you are at risk of developing these conditions. We will cover topics such as:

* What information would help you to better understand risk of long term conditions?
* How should risk scores be presented to patients?
* Are you comfortable with doctors using your health records to make better predictions of risk of chronic conditions?

Your recommendations and ideas will be used to inform the future direction of this research project and shape future risk scoring tools.

Everyone who takes part will receive a £20 shopping voucher as a thank you. Travel expenses to £10 and refreshments will also be provided.

If you are interested in participating, contact David (researcher):

Email: [david.springate@manchester.ac.uk](mailto:david.springate@manchester.ac.uk) Phone: 0161 275 0326

For more details of the project, visit <http://www.datajujitsu.co.uk/research/risk/>