



# VENTUREFEST

SOUTH WEST

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Department of Health

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Chief Medical Officer, HealthUnlocked

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Medical Director, Mapmyhealth

**Lyndon Johnson**

NHS Accounts Director, Patients Know Best

**DIGITAL HEALTH -  
THE OPPORTUNITY FOR  
INNOVATORS**

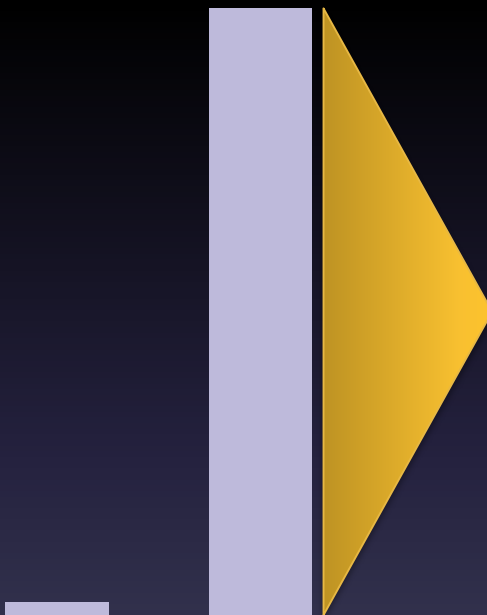
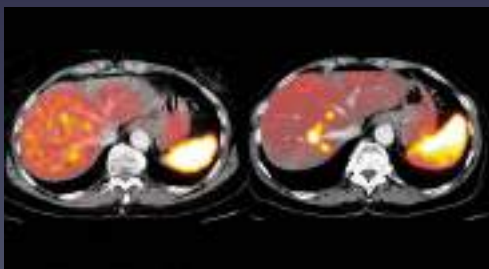
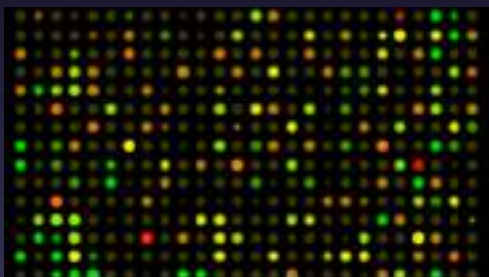
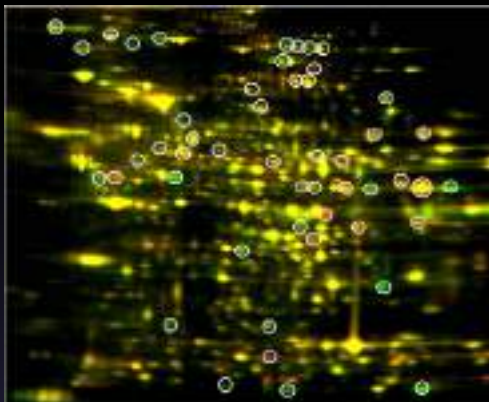
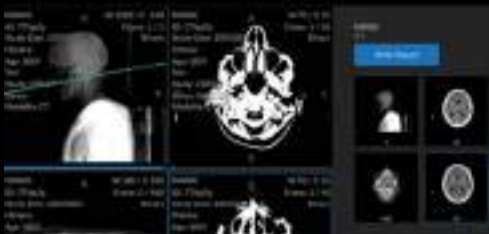
# Artificial Intelligence in Healthcare

Ignat Drozdov MBChB, PhD

Bering Limited

[www.beringresearch.com](http://www.beringresearch.com)

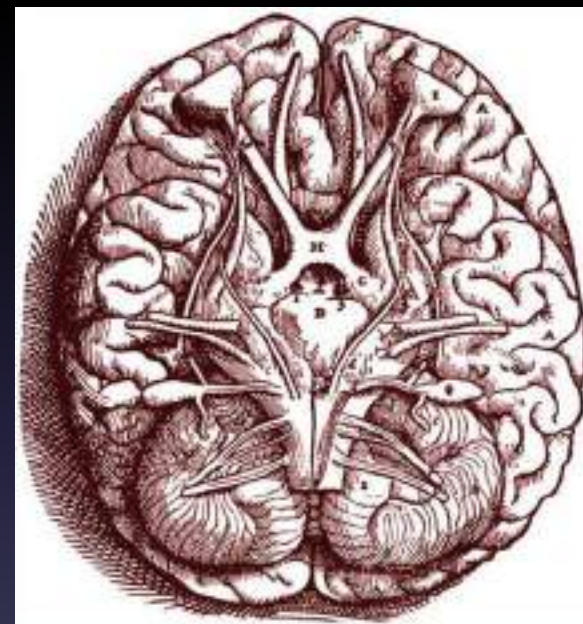
# The Problem



500      25,000

2012      2020

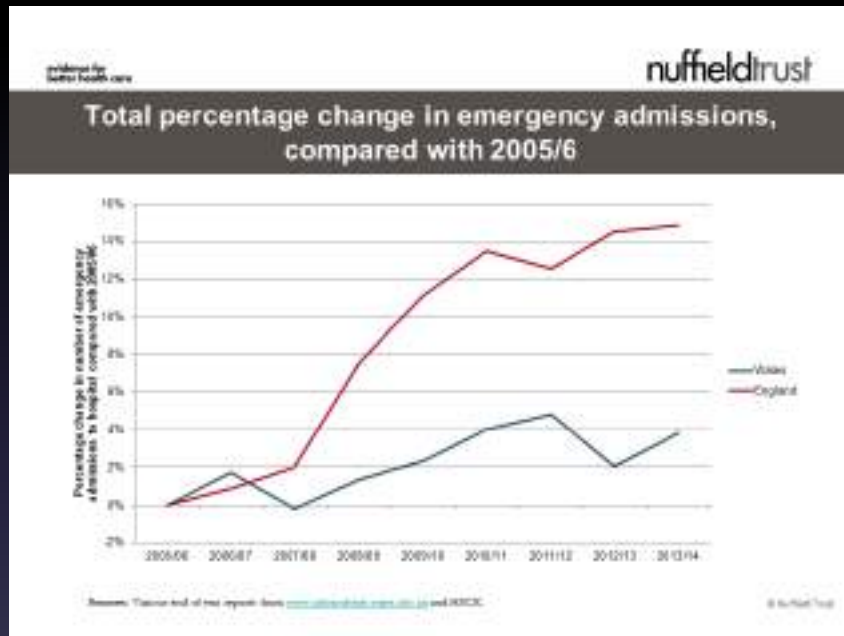
Medical Information Growth  
(petabytes)



23 x Age of Universe

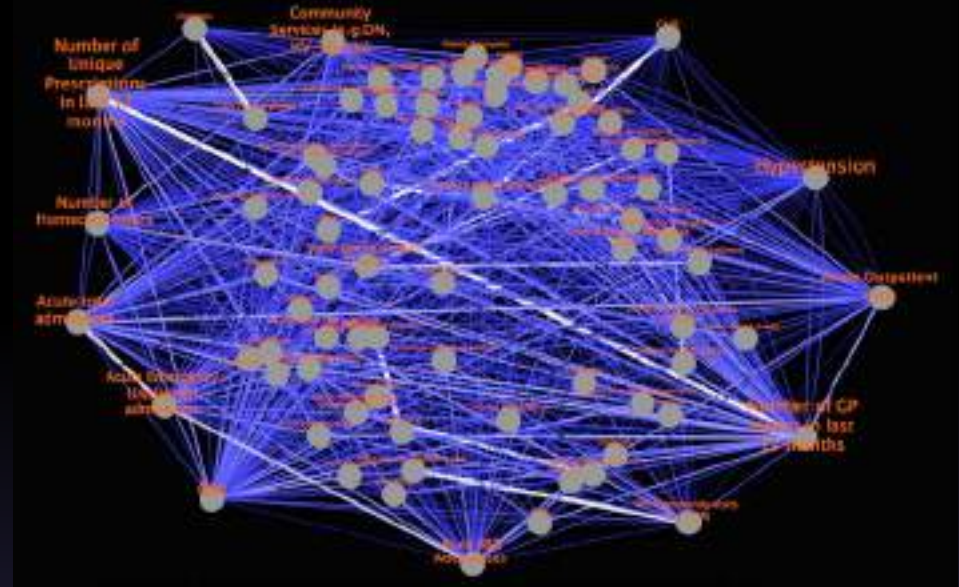
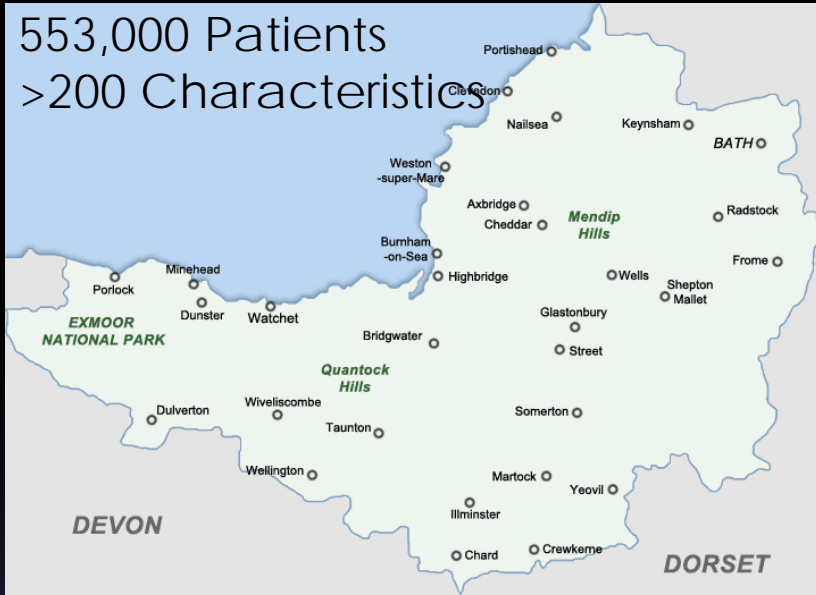
# Relevance to the NHS

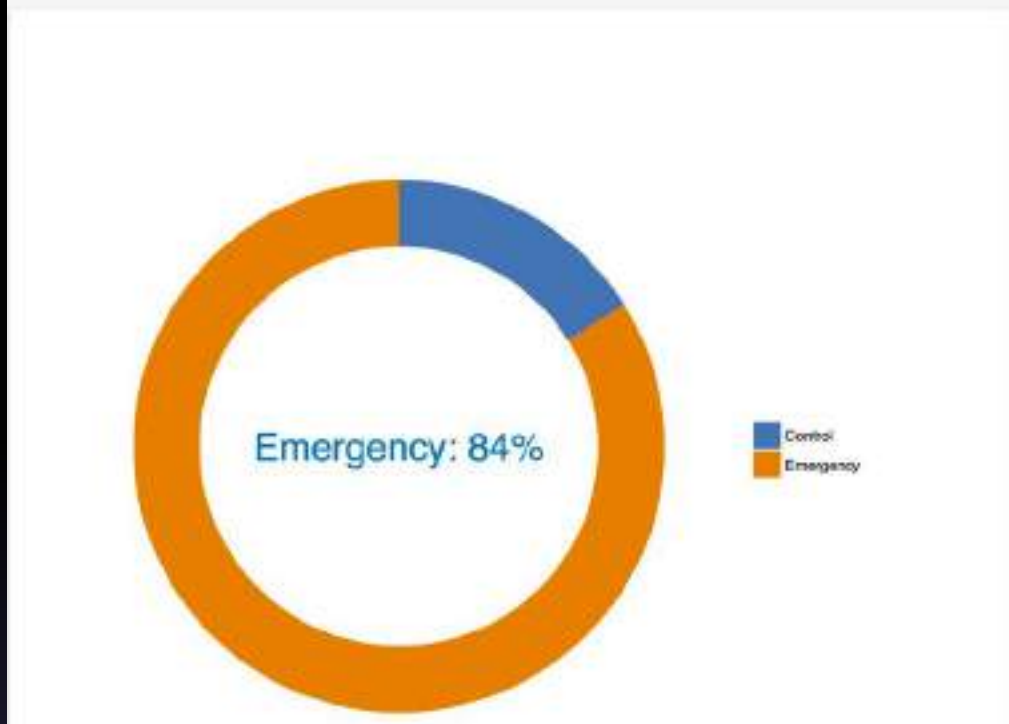
## Unplanned Emergency Admissions



£3,000/patient/year  
£12,000,000,000/year

553,000 Patients  
>200 Characteristics





Prediction

Any E / G Court 16

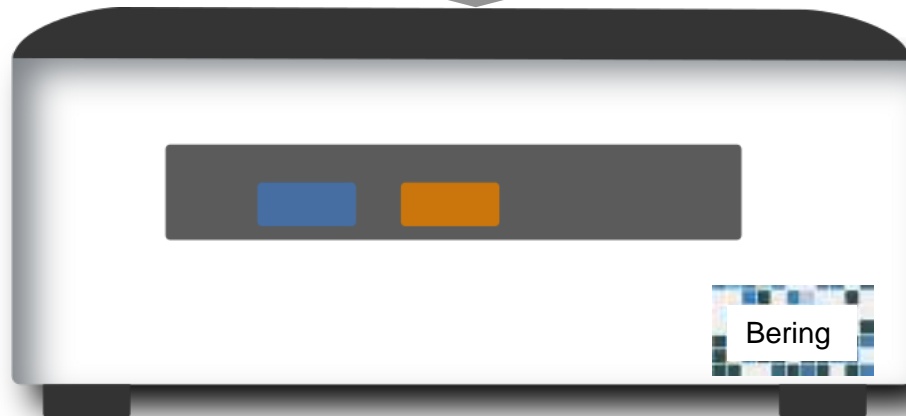
Unique Drug Total 10

Age 81

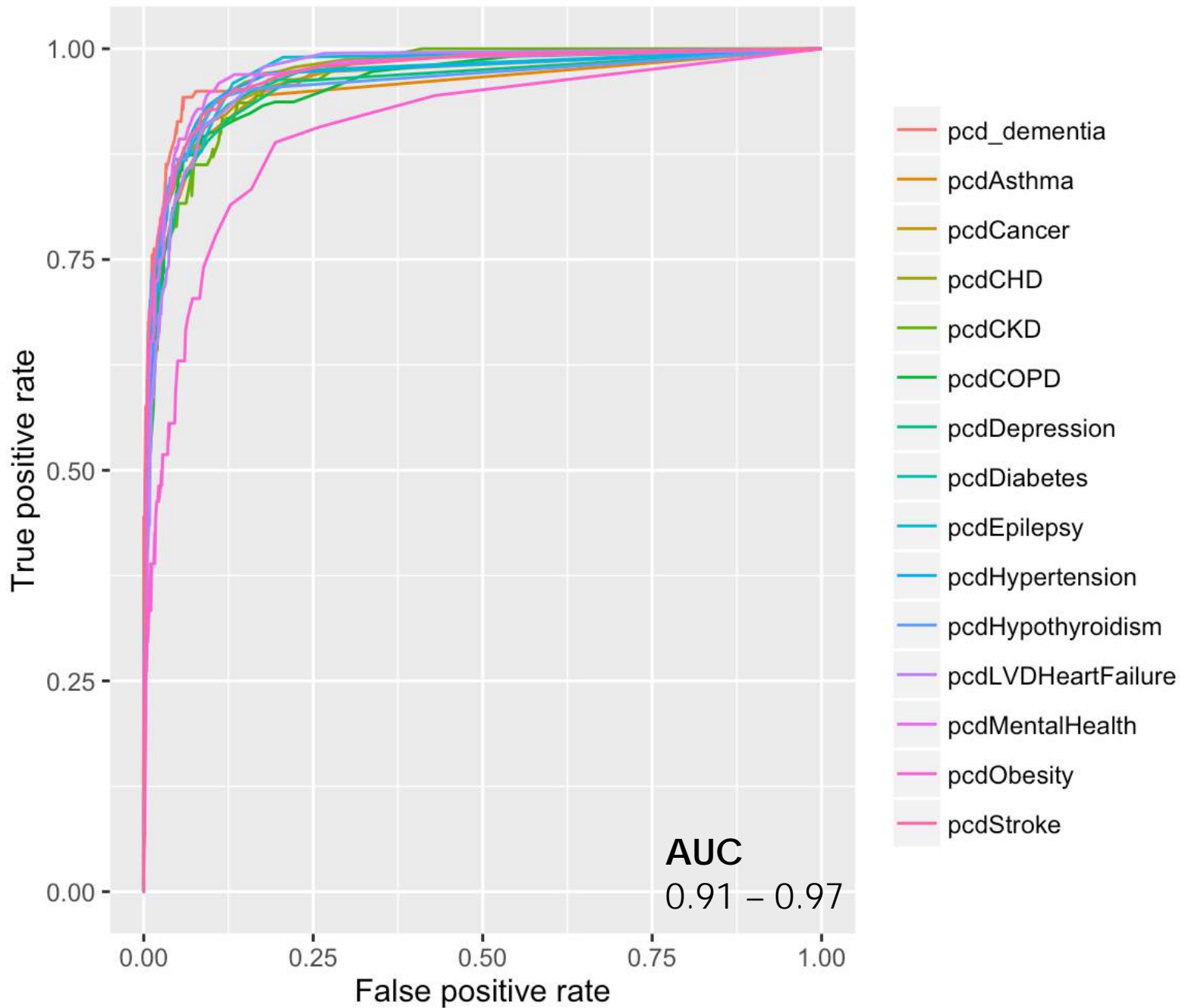
ptd CHD no

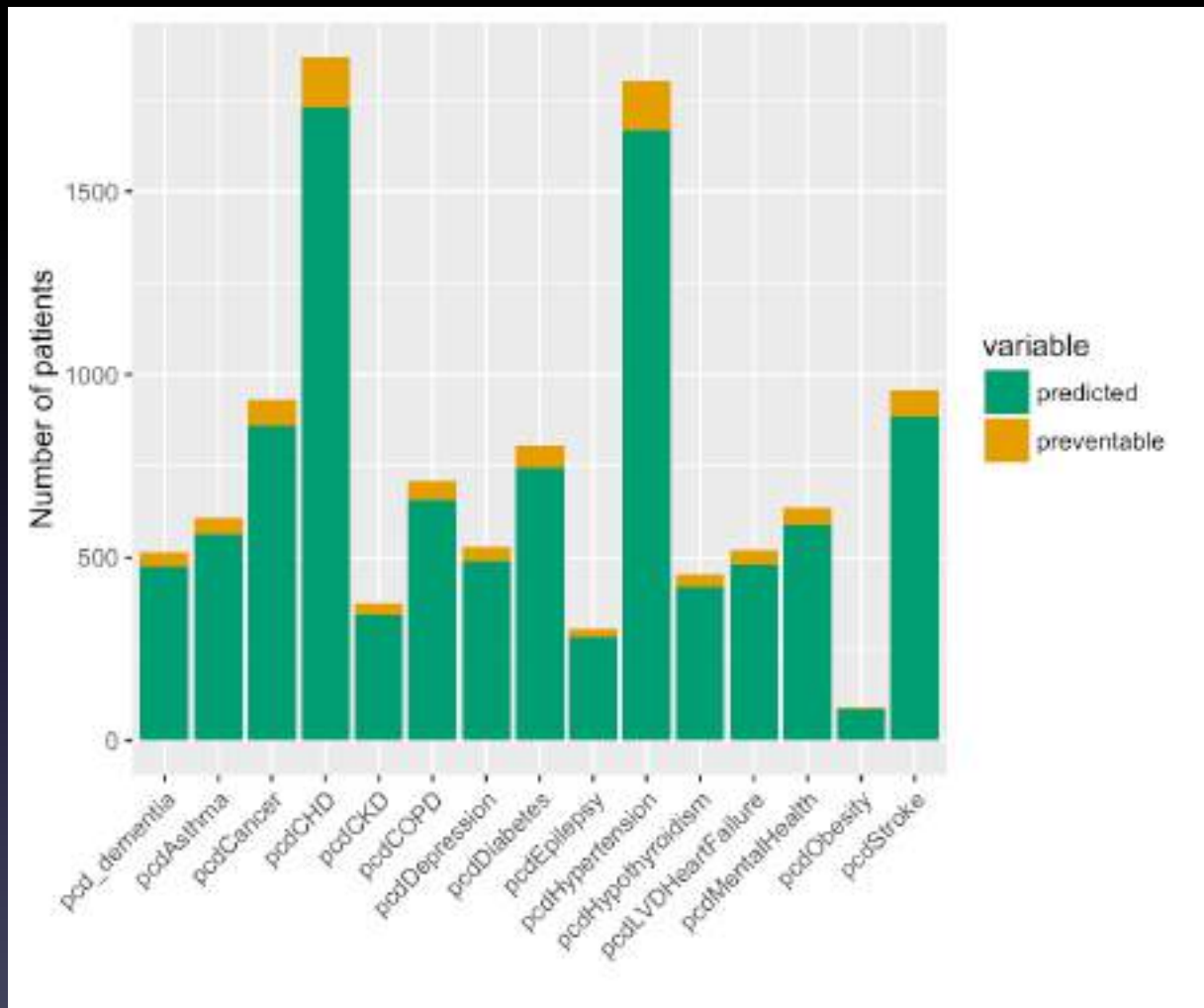
ptd Stroke no

ptd Diabetes YES









Preventable  
Admissions  
~1,500

Annual Savings  
£5,340,462



# Digital Health Innovation

- Understanding the “Culture”
- Simplifying Complexity
- Creating Versatile Products

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**THANK YOU &  
KEEP IN TOUCH**