

# Artificial Intelligence

# AI

A series of workshops exploring  
the place of AI in life and ministry

AI: who cares?

Nick Garrett

August 14

August 27

September 25

October 8

November 5

December 3

12noon - 1pm



## CONTENTS

### 1. AI Healthcare

- Medicine
- Diagnostics
- Access & Workflow
- Waiting Lists
- Population Health
- Risk and Regulation

### 2. AI & Pastoral Care

### 3. Discussion Groups



# AI: Medicine



Drug Discovery

Animal Models

Drug Efficacy

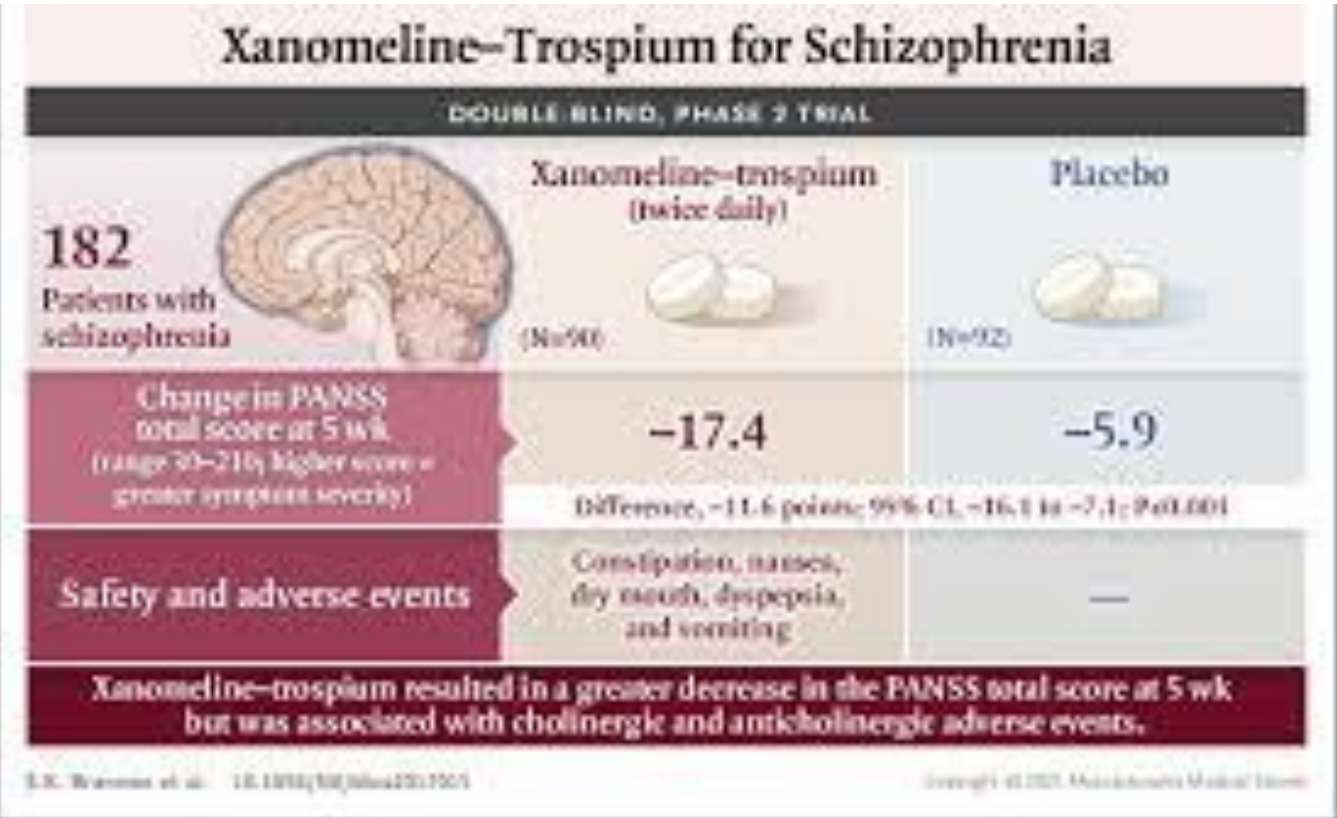
Drug Safety

Manufacturing & Healthcare

R&D Funding

# AI: Medicine

- Drug Discovery
- Repurposed Drugs



# AI: Diagnostic



Prostate Cancer



Cancer Biopsy Analysis



Cardiac Analysis



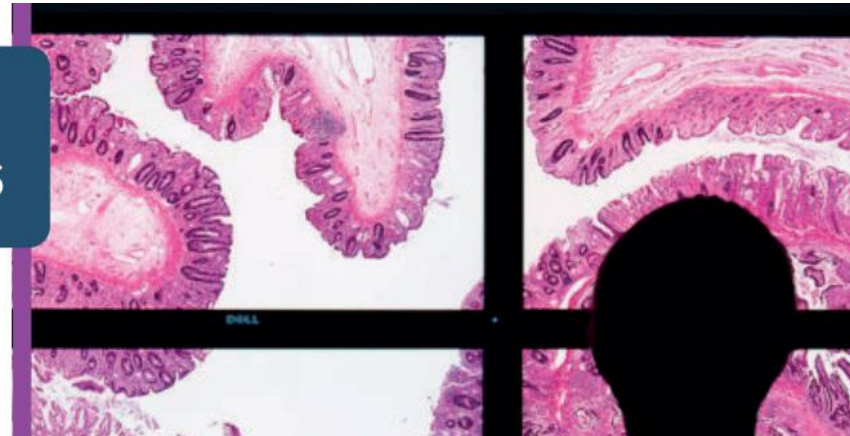


**Health Innovation**  
Yorkshire & Humber

## **Transforming Lives Through Innovation**

### **Ensuring the voice of patients shapes AI solutions**

**Our work to establish the National Pathology Imaging Co-operative's Patient and Public Advisory Group is empowering patients to actively shape how artificial intelligence is used to improve disease diagnosis.**



# AI: Access & Workflow

[Products](#)[Resources](#) ▾[Patients](#)[Careers](#)[Book a demo](#)

## The **fastest** way to get the care that **you** need

As a patient, you can use Anima to get what you need from your GP practice quickly. No need to wait in phone queues.

[Been told to register by your practice?](#)



[Mission](#) [About](#) [MAGI](#) [The Founder](#) [Testimonials](#) [FAQ's](#)

[Get Started](#)

# Wellbeing, your way, built for neurodivergent women

MAGI is an AI-powered, personalised wellbeing platform that supports how your mind and body really work. No shame. No overwhelm. Just tools that finally make sense



# AI: Waiting List Reduction

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skin  
analytics

**DERM**

UKCA approved Class IIa AI as a Medical Device for dermatology

# AI: Population Health Resource allocation



**South Tees Hospitals**  
NHS Foundation Trust

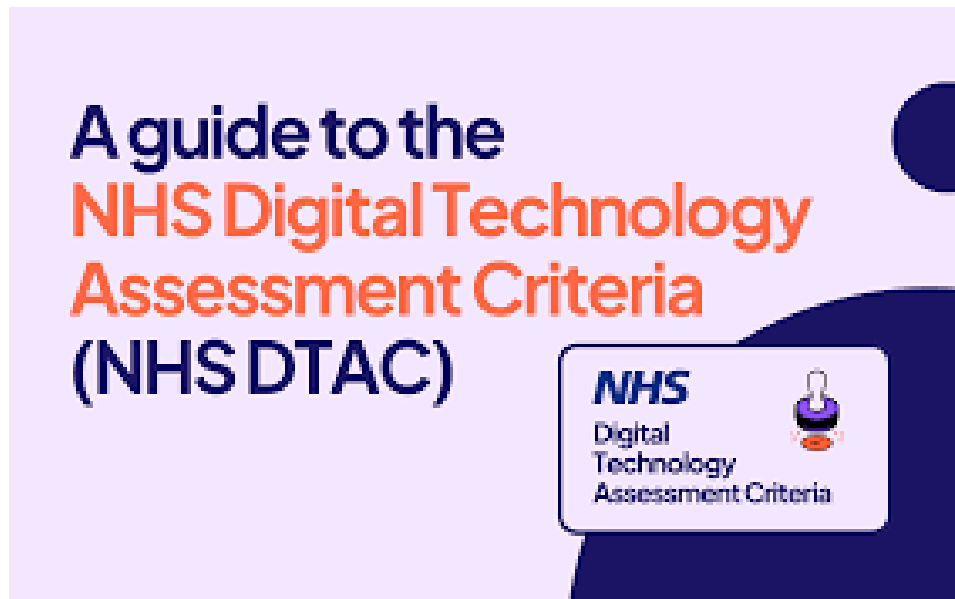
# AI: Risk & Regulation in Healthcare

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Orcha's Role in Assuring AI Digital Health Tools



# AI: Risk & Regulation in Healthcare - focus on Apps



Data & Privacy (Information Governance)

Professional & Clinical Assurance (Safety and Effectiveness)

Technical Security (Cybersecurity)

Usability & Accessibility (User Experience)



## Assessment Focus

## AI-Specific Risk

## Orcha/Digital Tech Assessment Criteria Check

### Clinical Safety

An AI-driven chatbot providing inappropriate, unsafe, or even harmful advice in a mental health crisis.

Requires robust **safeguarding protocols**, clear pathways to **human support**, and **proven clinical governance** supervised by qualified professionals.

### Evidence/Efficacy

The AI-adapted CBT exercises are not effective or are based on weak evidence.

Demands **Randomised Controlled Trial (RCT)** or real-world evidence to validate the AI's therapeutic efficacy and positive patient outcomes.

### Data Privacy

Sensitive mental health data (mood logs, crisis notes) being stored insecurely or used for secondary purposes without consent.

Requires **ISO 27001** certification, clear data flows, and demonstrable compliance with UK **Data Protection Impact Assessments (DPIAs)**.



| Core Concern                        | Mitigation Mechanism (via Orcha/DTAC) | Why It Matters                                                                                                                                                            |
|-------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Who Controls My Health?             | Clinical Governance & SaMD Status.    | AI is classified as a medical device aid. The <b>human carer retains final accountability and decision-making control.</b>                                                |
| Will Companies Profit from My Data? | Data & Privacy (UK GDPR Compliance).  | Orcha assures that the product adheres to strict privacy laws. Data cannot be <b>monetised</b> or used for secondary purposes without explicit, informed patient consent. |
| Is the Tool Safe?                   | Clinical Safety Case.                 | The developer must prove the product won't cause harm and has robust monitoring and risk management protocols.                                                            |



# AI: Care & Pastoral Care

*AI in health and care is here, now and always will be*

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**What risks do people face?**

**What is our role in the church?**



# AI Risks in relation to care

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- People misusing consumer AI products to solve their health problems – like googling their symptoms.
- People using ChatBots as friends re-enforcing their anti-vax views
- Wrong advice - Benefits advice from Claude was wrong and nearly led to fraud
- Data breach as someone who was caring for someone else put their details into a Chat bot



# Questions for discussion

1. What do you make of the opportunities presented by AI in healthcare, will they apply to everyone equally?
2. By 2035 what do think will be the main risks faced by people in need of pastoral care in relation to AI