



Integrated Healthcare Conference

Delivering Integrated Care Together

Transforming Healthcare Together: Digital Integration and Impact

The Auditorium, Convention Centre Dublin

3 September, 14:20 – 15:45



ÉIRE2026.EU
IRELAND2026.EU
Imeacht Gaolmhar | Associated Event



Introduction

Damien McCallion

Chief Technology and Transformation Officer and Deputy Chief Executive Officer





Introduction



2024

Ireland last in EU
@10% health
digitisation

Digital For Care
Strategy 2030

Roadmap
1 Vision
6 Principles
10 Programmes



2025

HSE Health App

Reliable Secure Connectivity

HSE Cyber Security Programme

IFMS in Statutory Sector

HSE Laboratory Record

HSE Shared Care Record



2026

HSE One Health Record

AI for Care

HSE Medication Management

HSE Medical Imaging

HSE Employee Record

Remote Care Monitoring

HSE Digital Operating Model



Exploring Ireland's Digital for Care







AI for Care

Opportunities and Risks

Greg Martin

Consultant in Public Health Medicine



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AI for Care

Opportunities and Risks

AI AND HEALTHCARE
OPPORTUNITIES
AND RISKS

GREG MARTIN



AI for Care

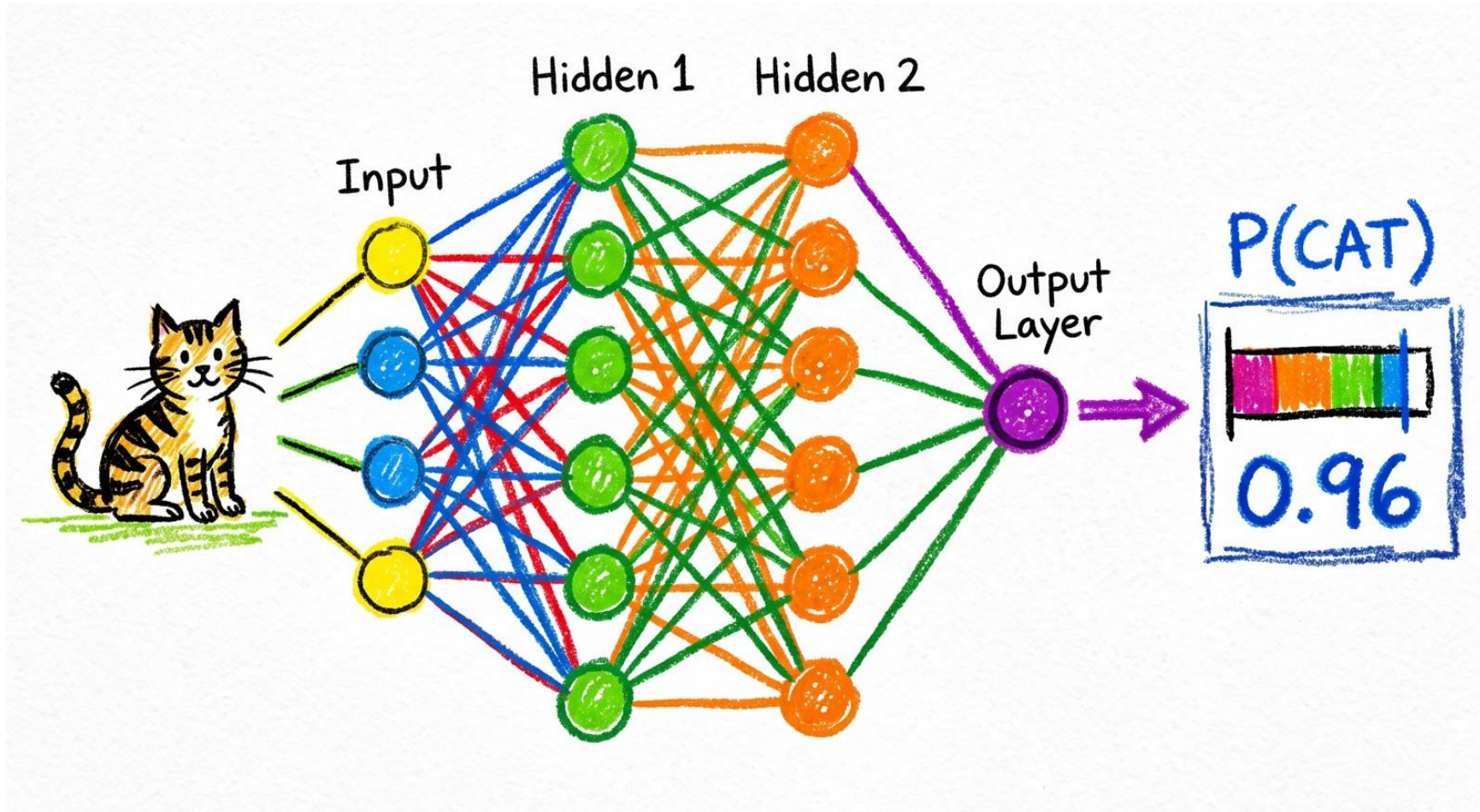
Opportunities and Risks

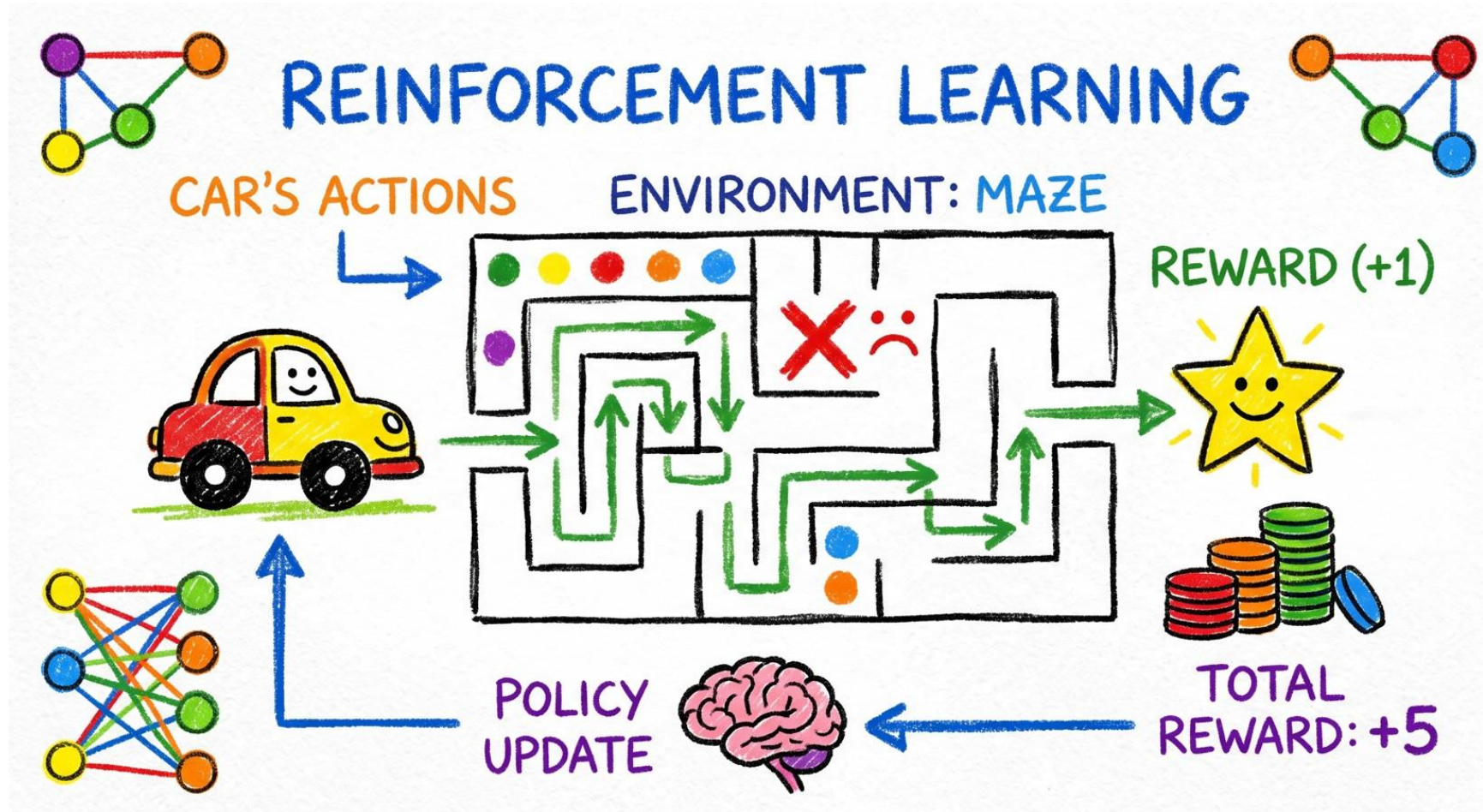




AI for Care

Opportunities and Risks

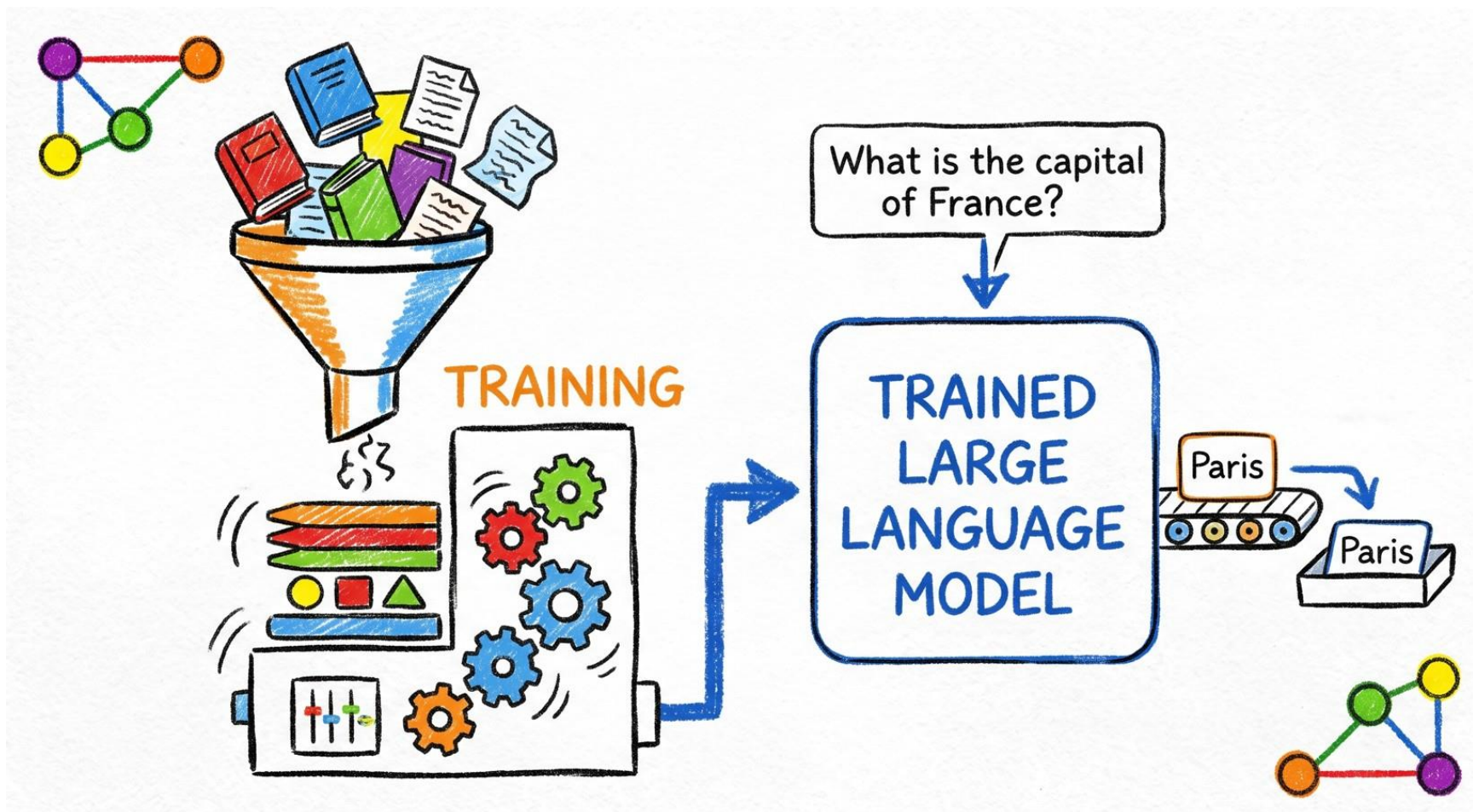






AI for Care

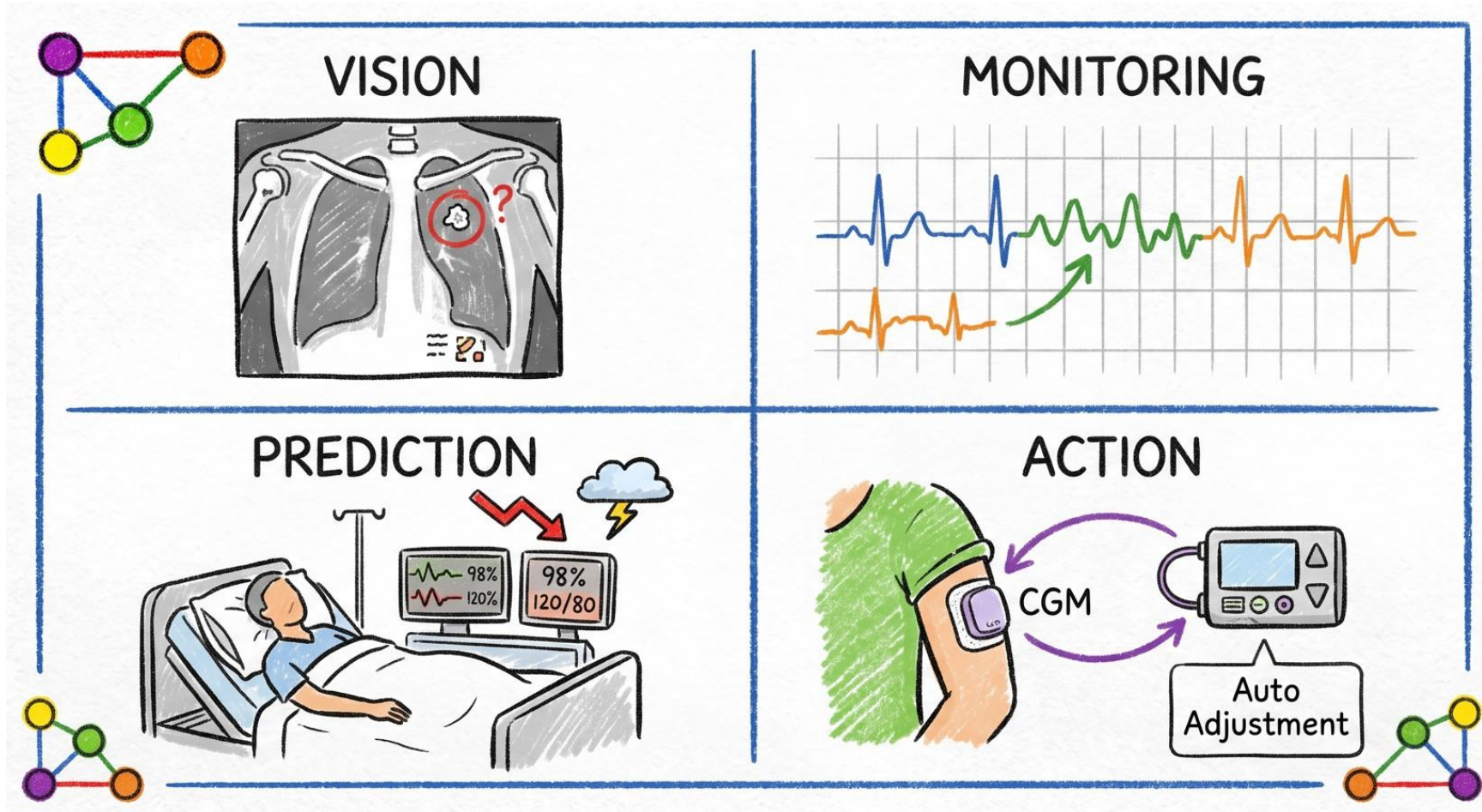
Opportunities and Risks





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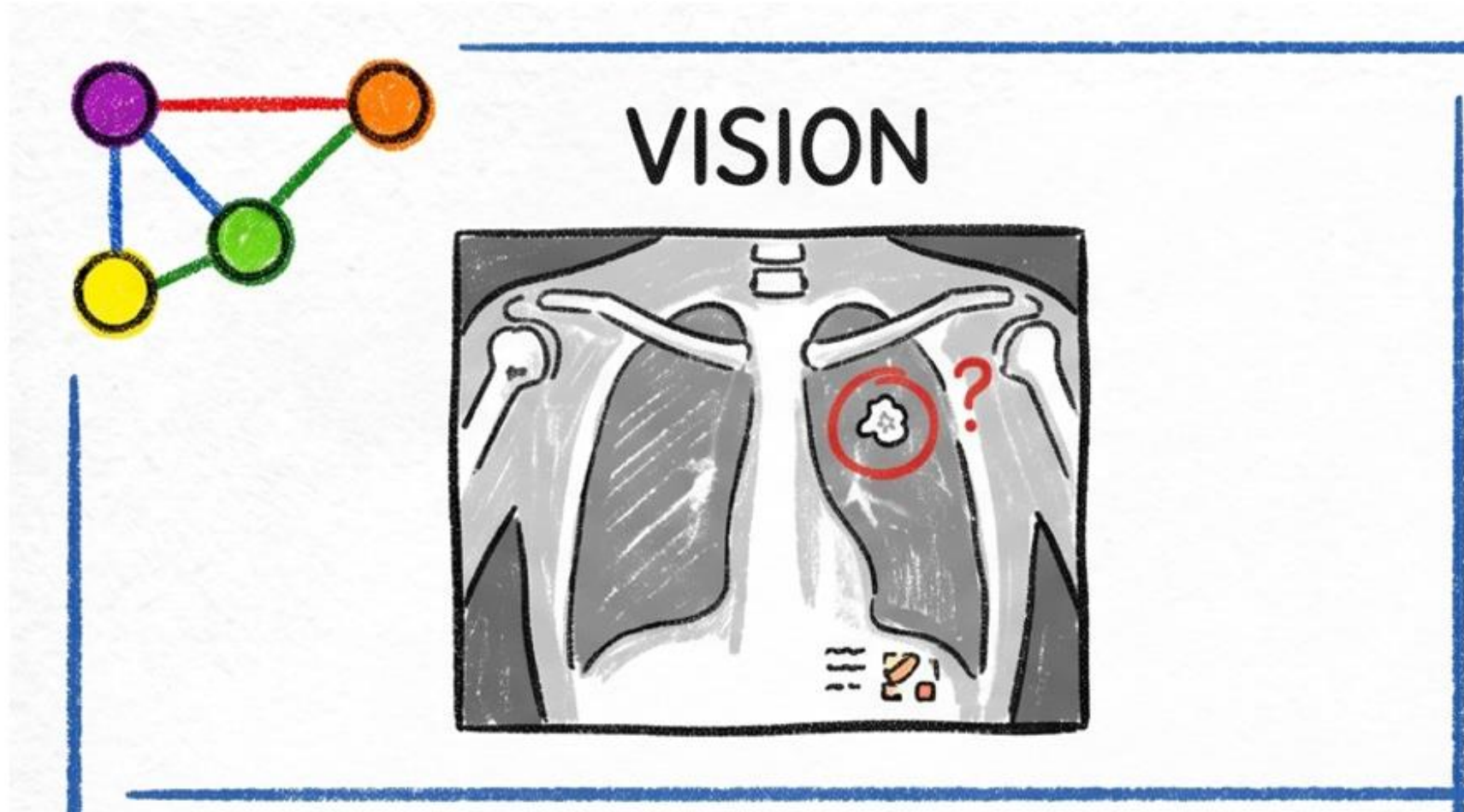
Opportunities and Risks





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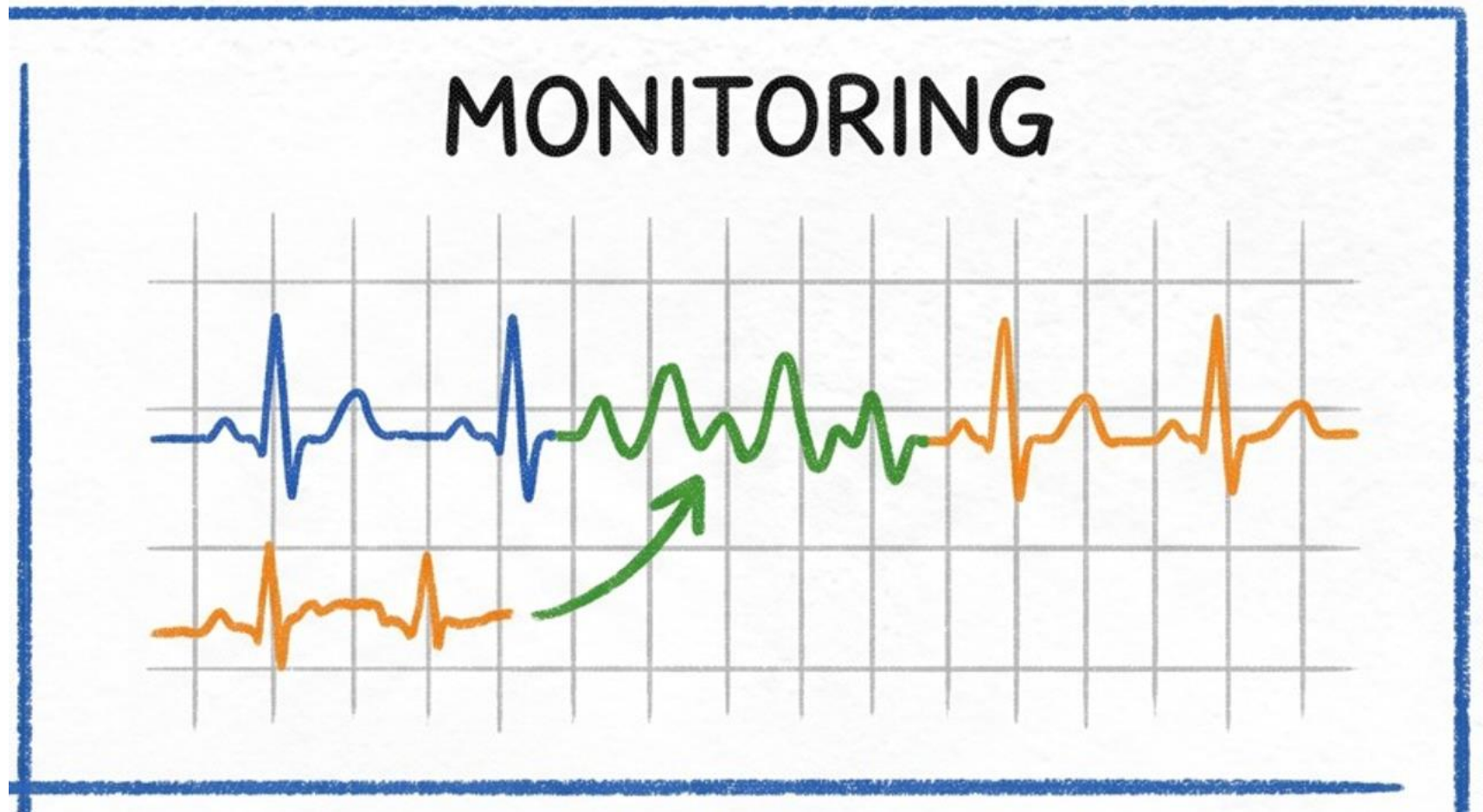
Opportunities and Risks





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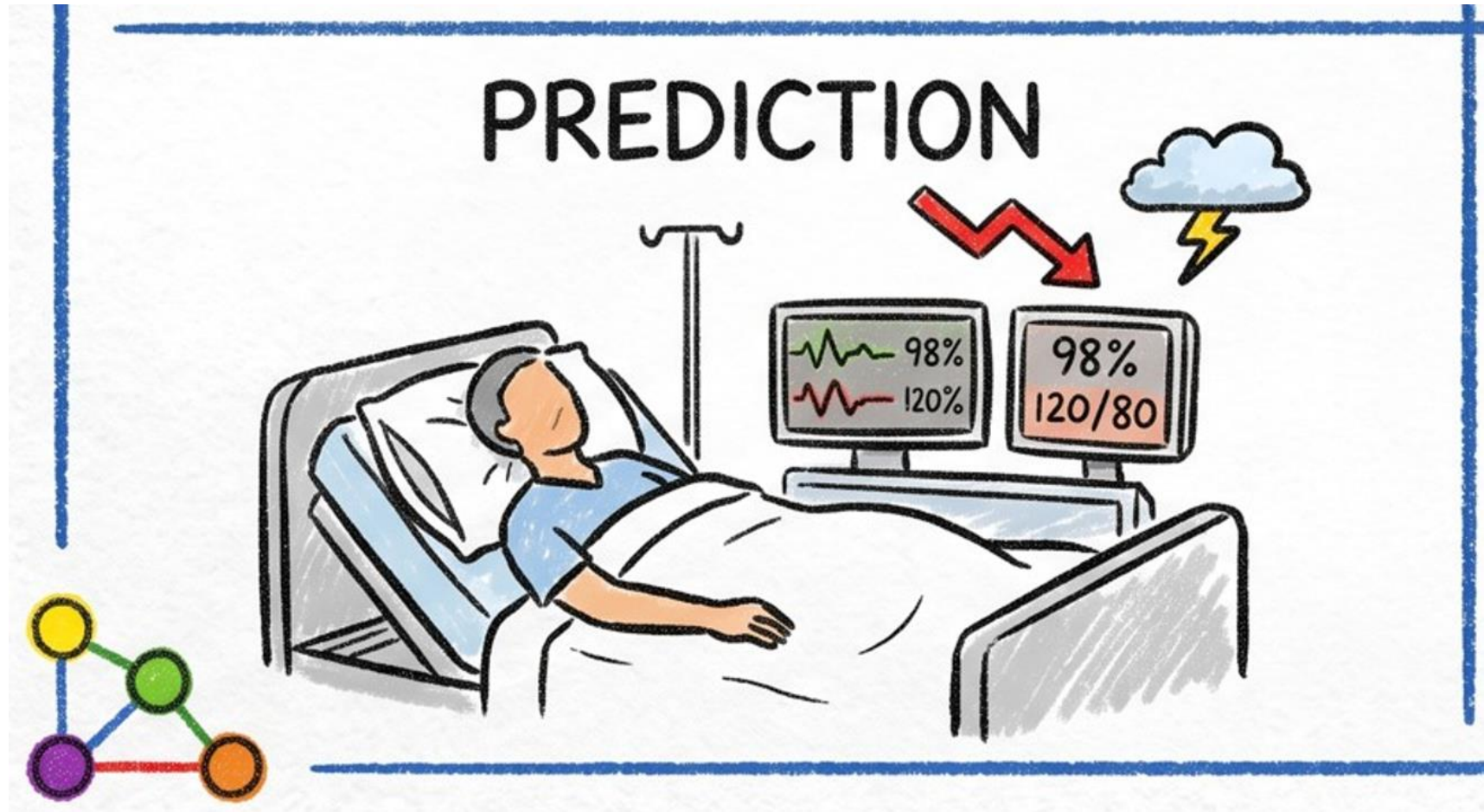
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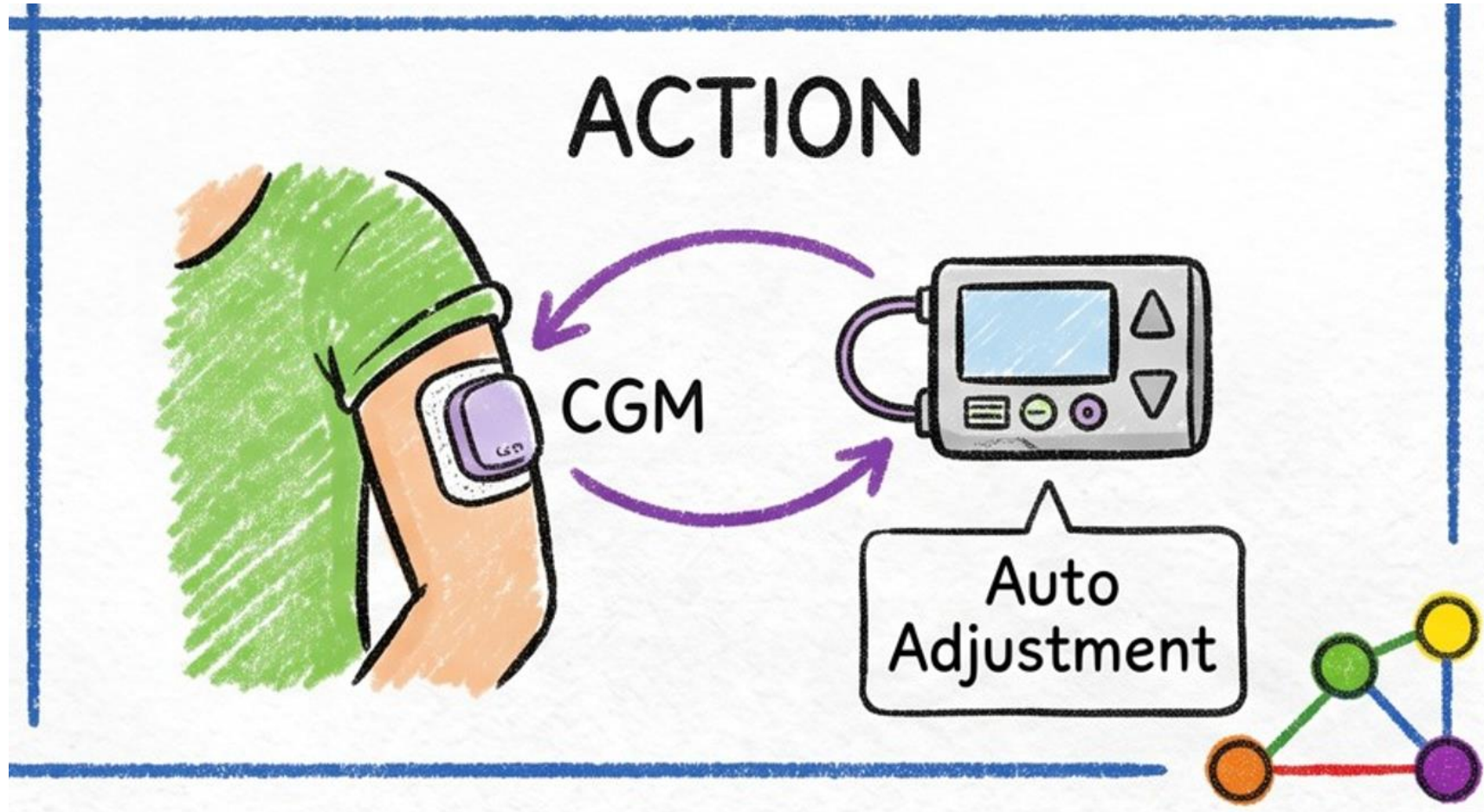


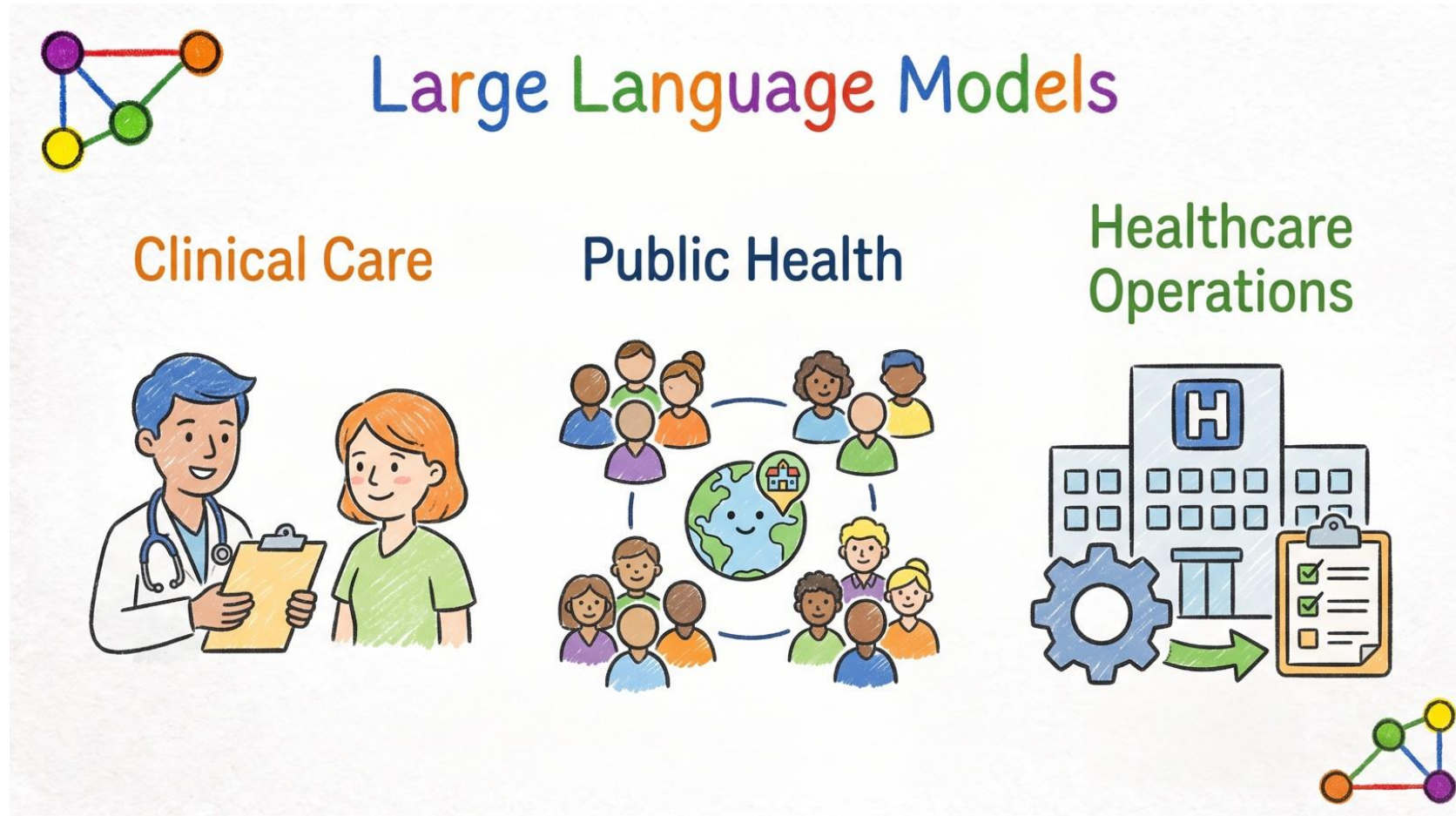


AI for Care

Opportunities and Risks



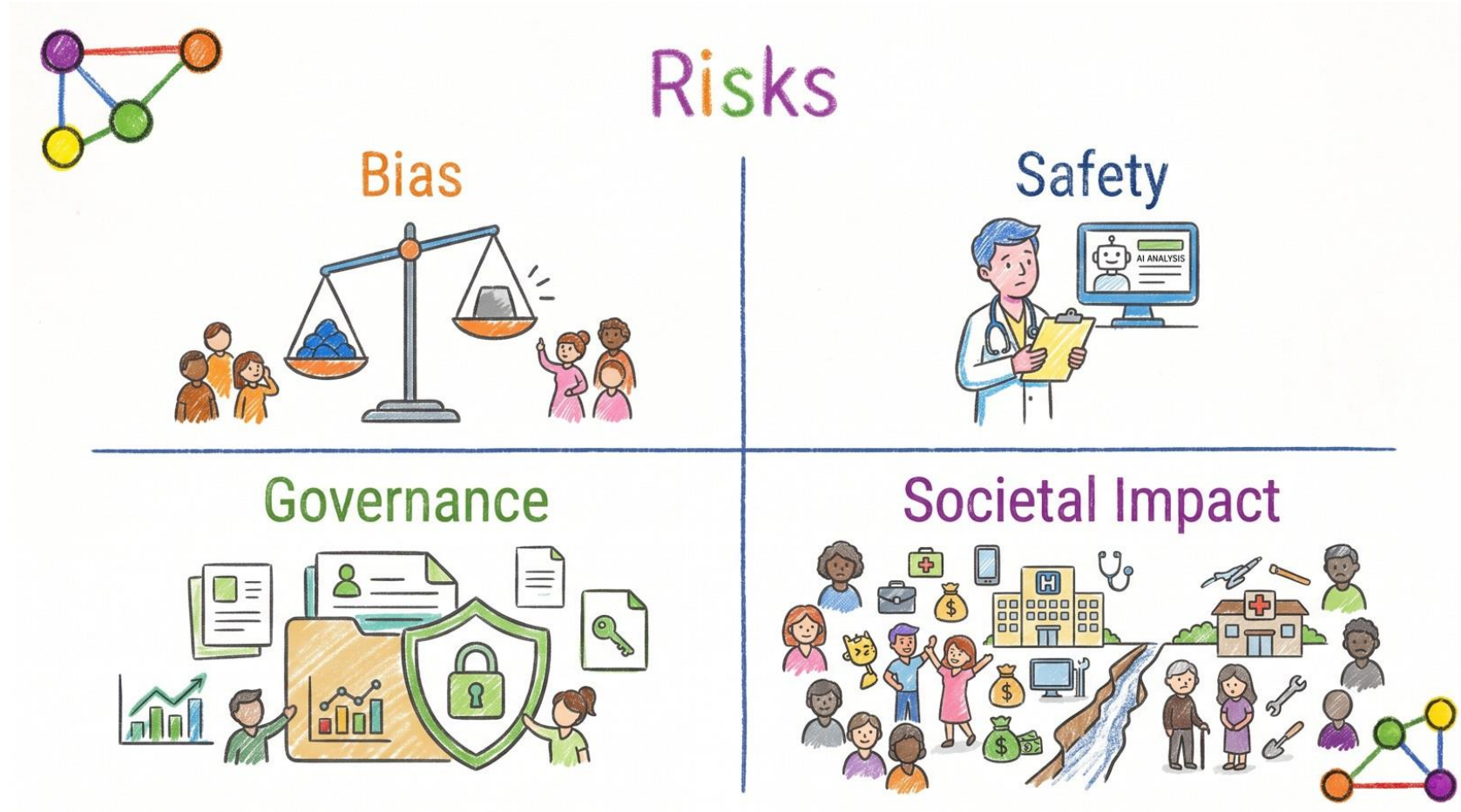






AI for Care

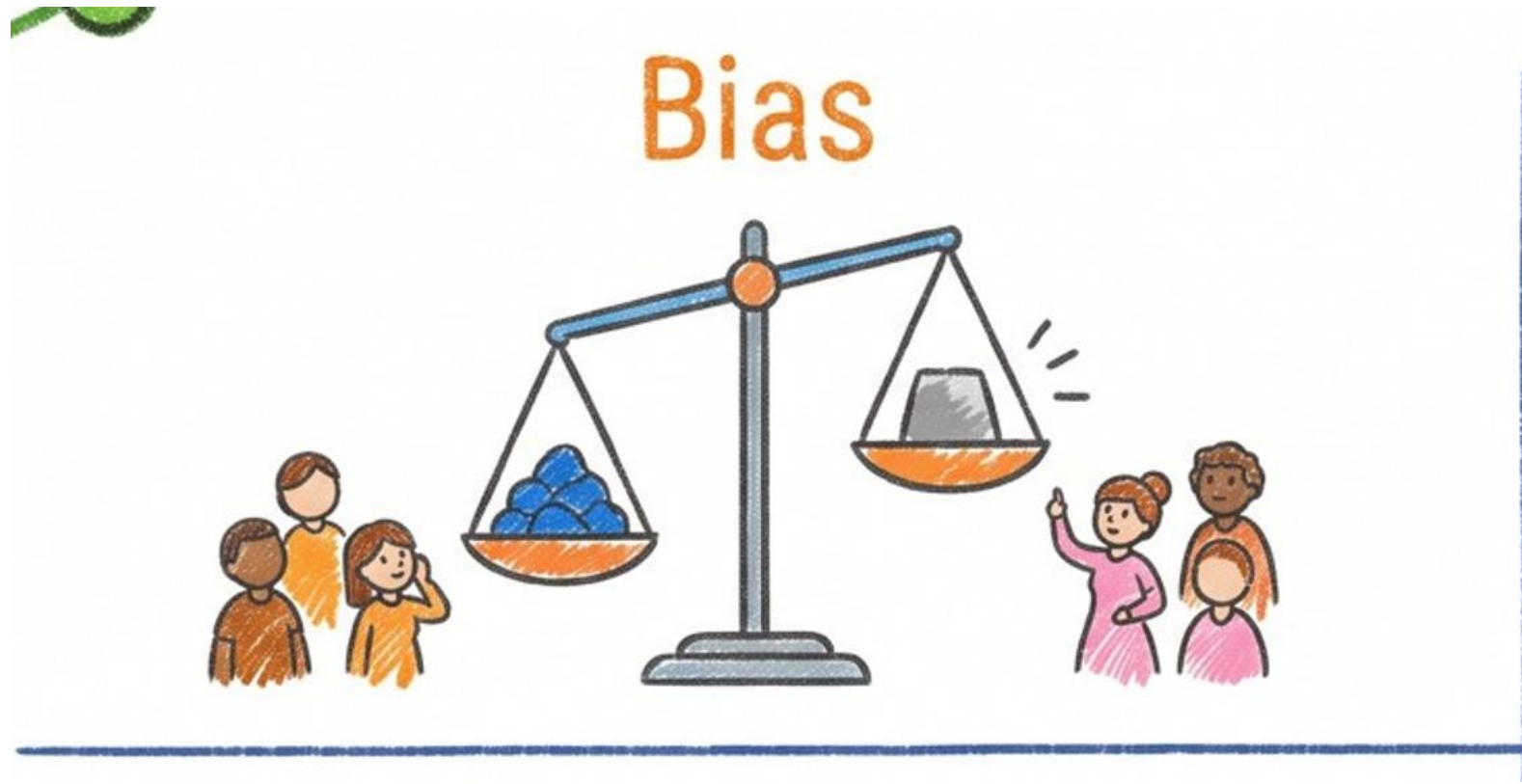
Opportunities and Risks





AI for Care

Opportunities and Risks





AI for Care

Opportunities and Risks

Safety





AI for Care

Opportunities and Risks

Governance



Societal Impact





Audience Quiz

Are you AI Act ready?

1. Open SLIDO using the QR code



slido.com
Join Code: #3613862

2. Choose Digital for Care session

- ☐ AM: Delivering Im...
- ☐ AM: Whole-Syste...
- ☐ AM: Infrastructur...
- ☐ AM: Supporting O...
- ☒ PM: Transforming...
- ☐ PM: National Disa...
- ☐ PM: Clinical Lead...
- ☐ PM: Shifting Care...



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Digital for Care

Fireside Chat: The Electronic Maternity Chart – a mother's perspective

Maternity and Newborn Clinical Management System (MN-CMS)

Dr Mike Robson / Michelle Purcell

Consultant ObGyn, Clinical Director MN CMS / Patient Partner



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Digital for Care

Healthcare that moves with you

Prof. Richard Greene

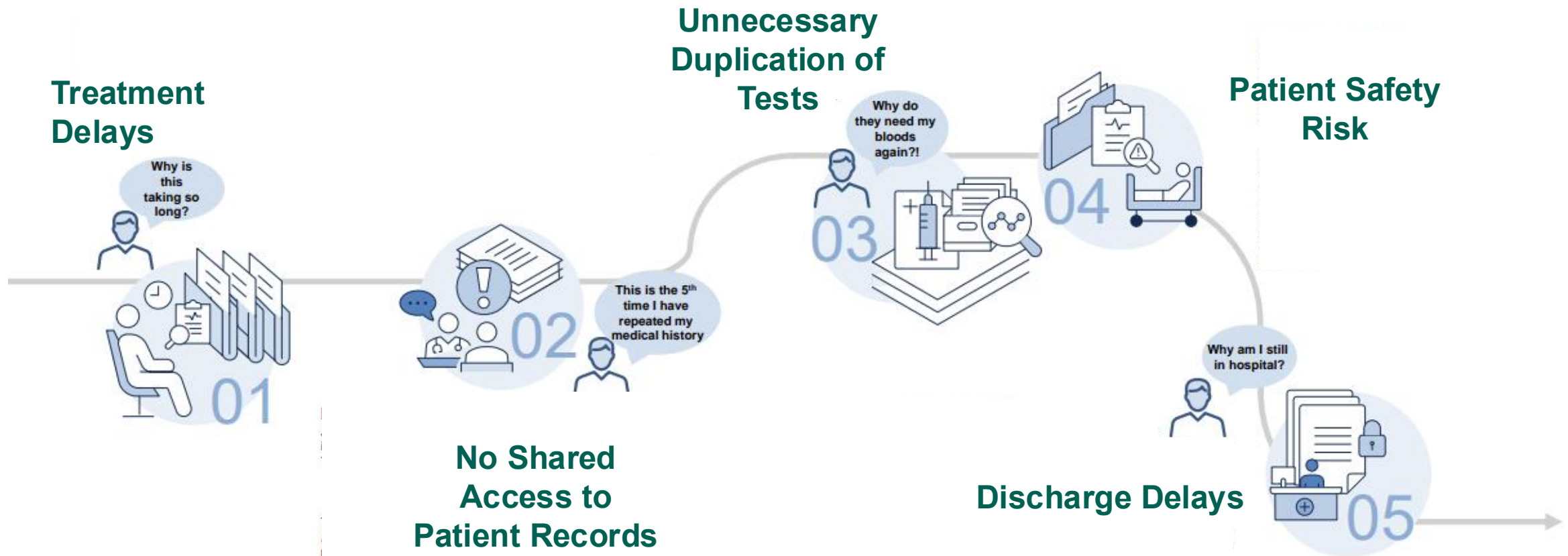
Chief Clinical Information Officer



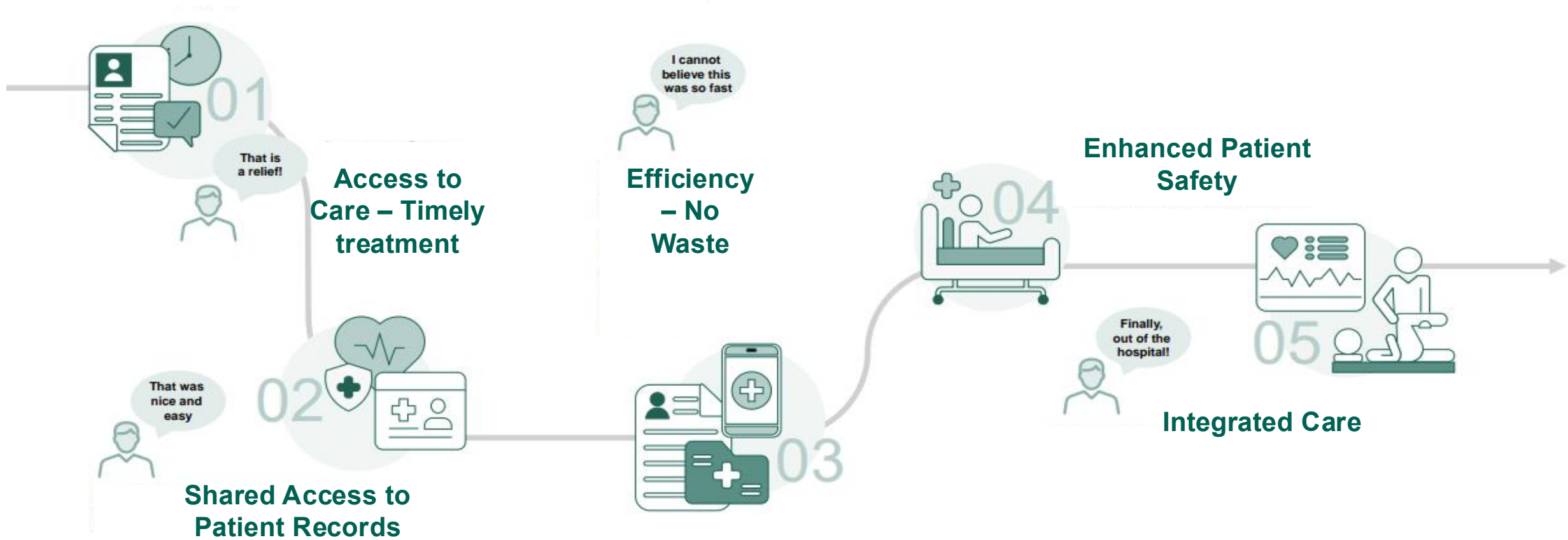
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Looking at the Now....



HE Looking the Future....





One Connected Digital Ecosystem

The HSE One Health Record (OHR) will cover functionalities that span:

- Community
- Social Care
- Specialties
- Sub-specialties
- Child Health
- Many other applications

The vision involves providing one connected view of care, available to the right people, in the right place, at the right time, while also giving patients greater access to and involvement in their own care. Other Digital for Care programmes provide tools, information and infrastructure that support this vision. Some examples are below.



HSE Health App



HSE Medication Management Record



HSE Cyber Security Programme



Patient Identity Programme



Shared Care Record



HSE Diagnostics Record



Infrastructure Programme
(Enterprise Wireless Network)



The Next-Generation Electronic Health Record

A new member of the clinical team



Not Data Entry - Data Intelligence

- AI-assisted documentation
- Predictive analytics for risk, deterioration, and resource needs
- Natural language interfaces
- Personalised dashboards rather than one-size-fits-all layouts



Siloed System to Integrated Care Platform

- Interoperability across hospital, community, home monitoring
- Integration with genomics, imaging analytics, wearables



Retrospective Record to Real-Time Clinical Partner

- Clinical decision support that is anticipatory, not reactive
- Automated administrative tasks (coding, scheduling, orders)



Implications for the Workforce

The HSE One Health Record will reshape what clinicians do, how they do it, and where they can work.

Changing Roles and Responsibilities

- Clinicians shift from information gatherers to information interpreters
- Rise of new hybrid roles:
- Clinical informaticians
- Digital Clinical specialists
- Data-driven management
- Redistribution of work: AI handles repetitive tasks; humans focus on judgement, empathy, and complex decisions

Training and Digital Competency

- Digital literacy becomes a core clinical skill
- Need for continuous education in:
 - Data interpretation
 - Human–AI collaboration
 - Cybersecurity
 - Workflow design

Workforce Wellbeing and Burnout Mitigation

- Potential relief from documentation burden
- More face-to-face time with patients
- But risk of:
 - Technology stress
 - Over-reliance on decision support
 - Always-on digital monitoring
- Importance of co-design and user-centred development

Equity and Workforce Distribution

- EHR-enabled remote care expands reach
- Supports task-shifting and new care models
- Data-driven staffing and resource allocation

Empowered Patients



Digital for Care

Ensuring successful implementation



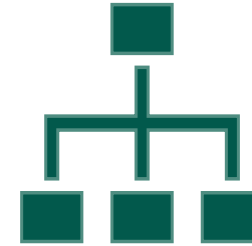
Governance and Standards

Supporting
transparency,
accountability and
compliance



Collaboration

Consistent,
transparent and
ongoing
collaboration across
all stakeholders



Leadership

Stewarding change
and driving
organisational
adoption of digital
health technologies



Digital Platforms

Making seamless,
safe, secure and
connected digital
health services to
improve patient
outcomes.

HE Why your support matters

You support direction

- Your visible support helps build confidence, shape priorities and keep the focus on better outcomes for patients and better ways of working for colleagues.

You create the conditions for success

- Your involvement, feedback and willingness to embrace change are essential to making digital health transformation work in practice.

You enable connected transformation

- Working together across teams, services and regions helps ensure digital health transformation reflects the experience of staff and patients delivering benefits where they matter most.



Keeping You Involved

Through Communications and Engagements

Be Involved

Your opinion matters. Provide Feedback. Ask Questions.

Contact: digitalforcare@hse.ie



Scan here to learn more
about Digital for Care

#DigitalforCare