Can We Do Better for Health Technology Assessors & Patients? How to Overcome "Mistrust" in Digital Technology for Asia Pacific?

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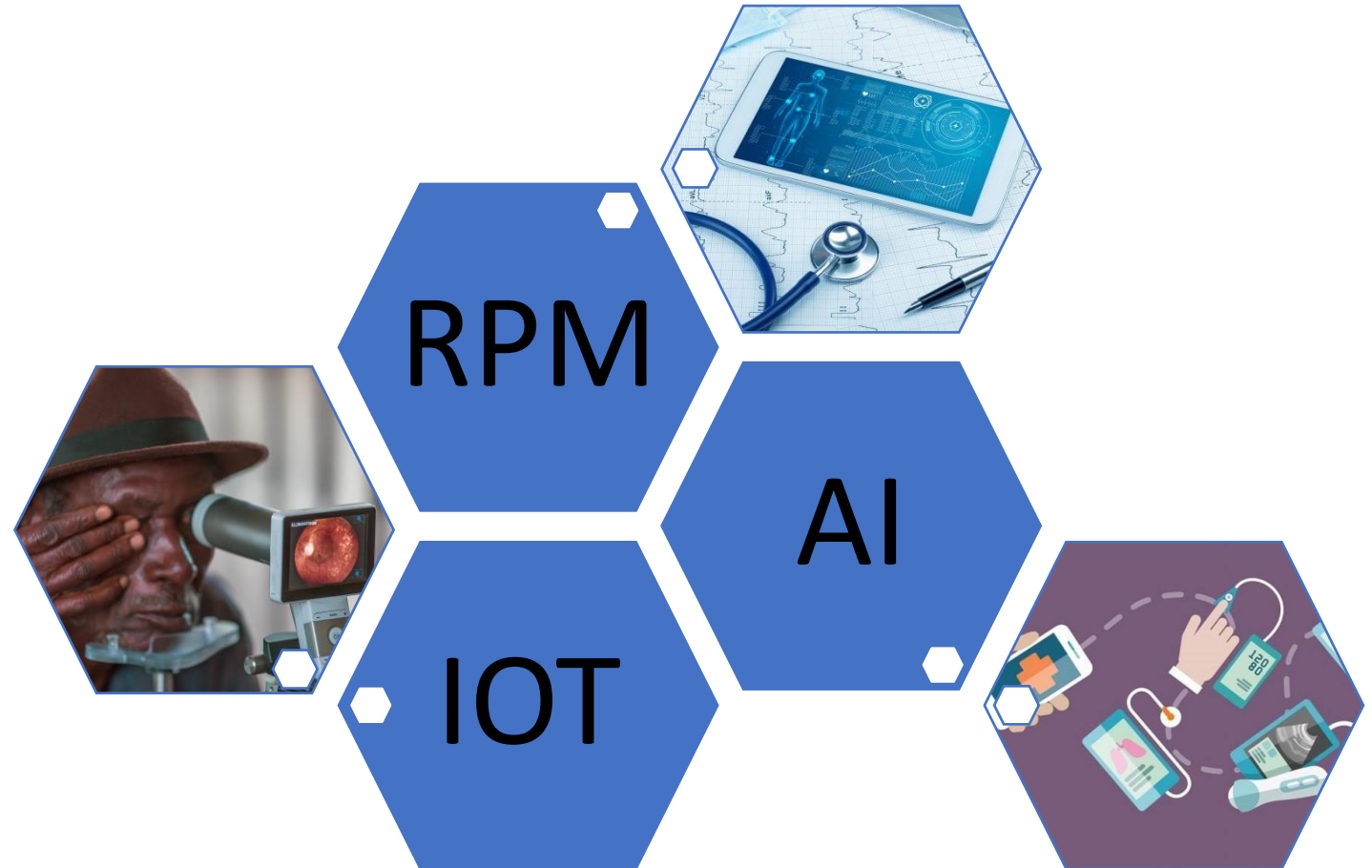
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INTRODUCTION

Digital technologies are an essential component and an enabler of sustainable health systems and universal health coverage

RPM

AI

IOT

AI – Artificial intelligence
RPM – Remote Patient Management
IOT – Internet of things

WHY DIGITAL TECHNOLOGY?

Expand access
- Geographic location
- Contactless
- Limitation of human resource

Improve Quality
- Enhance patient care
- Personalise Care
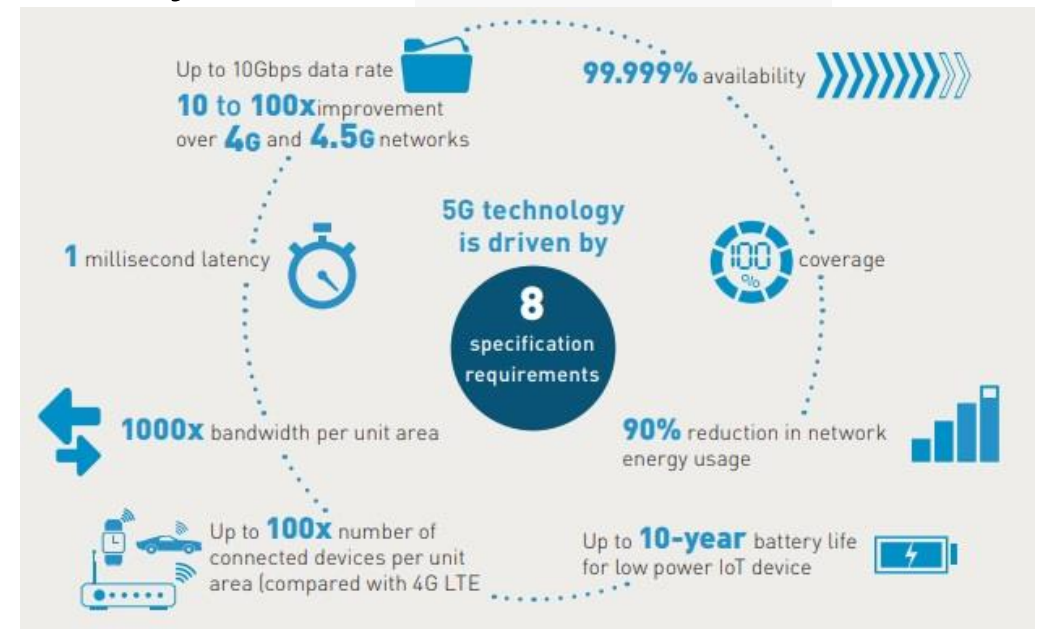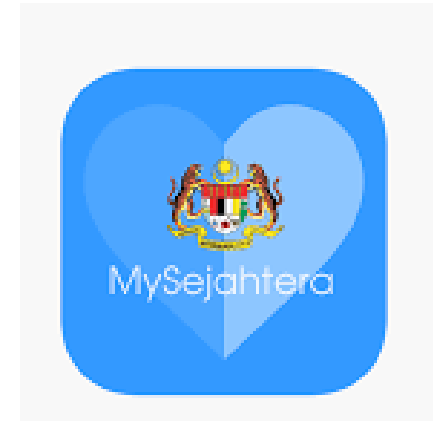- Data analytics

Reduce Cost
- Less human resource
- Less time
- Better outcome
- Better quality of life

"MISTRUST" IN DIGITAL TECHNOLOGY, WHY?

- The adoption is not as fast as expected

- Strict regulatory requirement

- Funding

ACCELERATORS

- CoVID-19 pandemic
  - Improve digital literacy
- Government policy on the digital economy
  - Sandboxes
  - Infrastructure
- Better connectivity
- Better technology

MINIMISING CHALLENGES

- Evidence
  - Understand evidence requirement
  - Plan early
- Target users and population
  - Infrastructure readiness
  - Health and digital literacy
- How it works
  - Complex algorithm
  - Clinician perspective
- Fundings
  - Interoperability
  - Maintenance
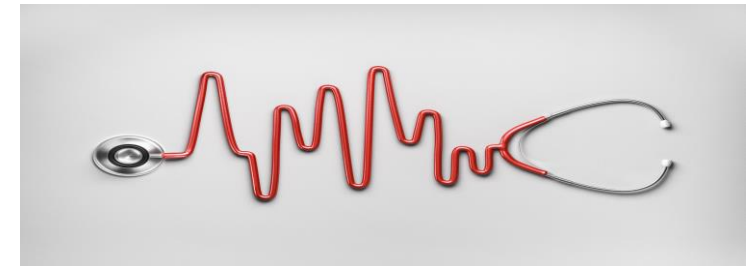
RELATIVE EFFECTIVENESS

SAFETY

COST-EFFECTIVENESS

SOCIAL/CULTURAL

ETHICAL/LEGAL

ORGANISATIONAL

MAHTAS
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