TECHNOLOGY IN HEALTHCARE

ST. JOHN'S COLLOQUIUM

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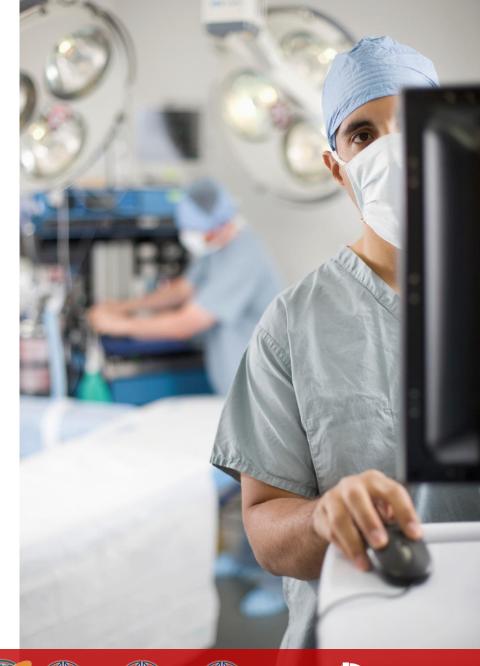
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Agenda

- Evolution of technology

- What is technology in healthcare?

- Transforming the health industry with technology

- Recent 'unreal' innovations in health technology

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What is technology in healthcare?

Healthcare technology is **defined** as prevention and rehabilitation, vaccines, pharmaceuticals and devices, medical and surgical procedures, and the systems within which **health** is protected and maintained. - INAHTA

Healthcare technology refers to any method that is used to promote health prevent, diagnose and treat diseases or improve rehabilitation and long-term care. – Europabio

Health technology refers to the application of organized knowledge and skills in the form of devices, medicines, vaccines, procedures and systems developed to solve a health problem and improve quality of lives. - WHO

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What is health technology?

Health Information Systems

Digital Diagnostics

Self-care and self-health

Online health services

Telemedicine

Digital Therapy

Wearables

Advanced medical equipment

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Aim to be paperless by 2020

UK NHS

- Digital primary care
- Patient online
- Patient safety alerts
- Code4Health

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John Hopkins

Digital treatments

Digital marketing

Digital Innovation

Technology ventures

Africa

Telemedicine

Mobile Health

Digital records

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Recent innovations in health technology

- Microchips Modelling Clinical Trials

- Wearable Technology like Google Glass

- 3D Printed Biological Materials

- Hybrid Operating Rooms

- Cloud-based provider relationship management software

- Holographic Images

- Enterprise Cloud Business Intelligence Software

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