



GROUP PRESENTATION ASSESSMENT-1

Module Name: *Digital Skills and Research Method*

Module Code: *LCHS4002*



Presented To:

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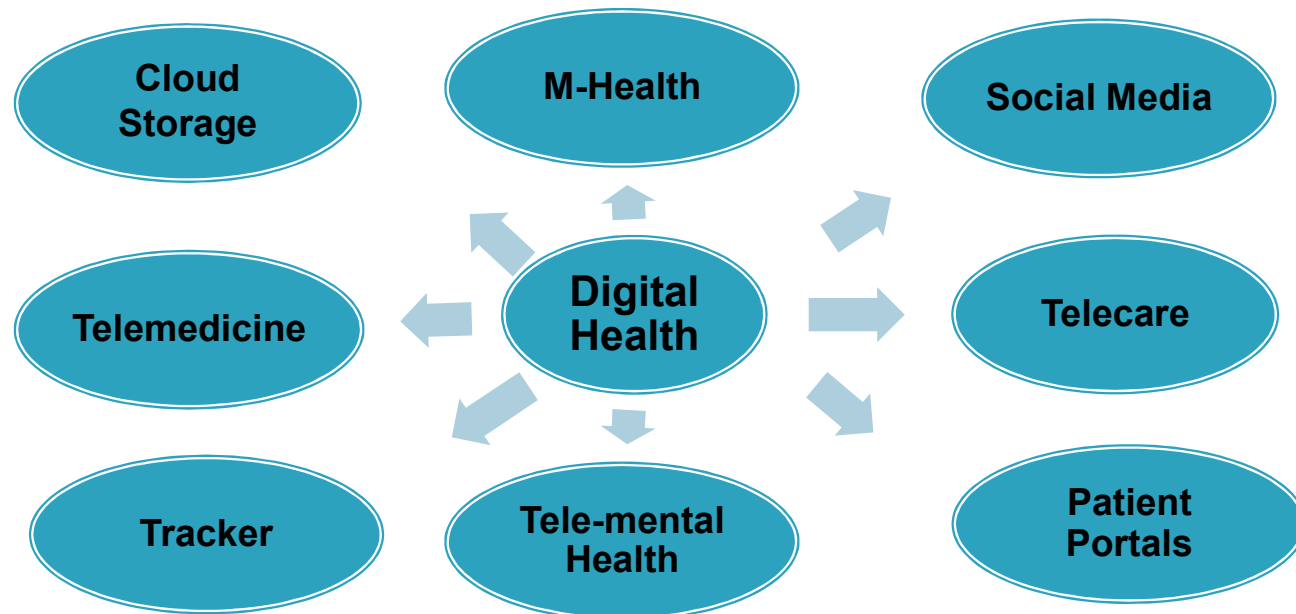
Rexon Nting

Presented by Group-4:

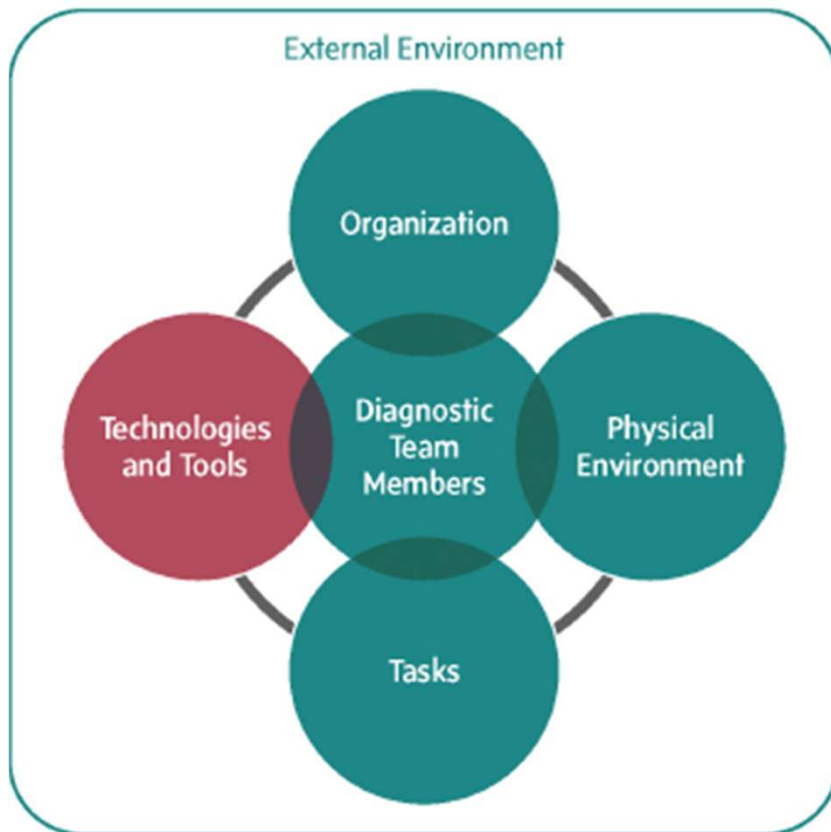
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IMPORTANCE OF DIGITAL TECHNOLOGY IN (H&SC) SECTOR

In recent research, more than one Digital Tool is working efficiently in the health and social care Industry.



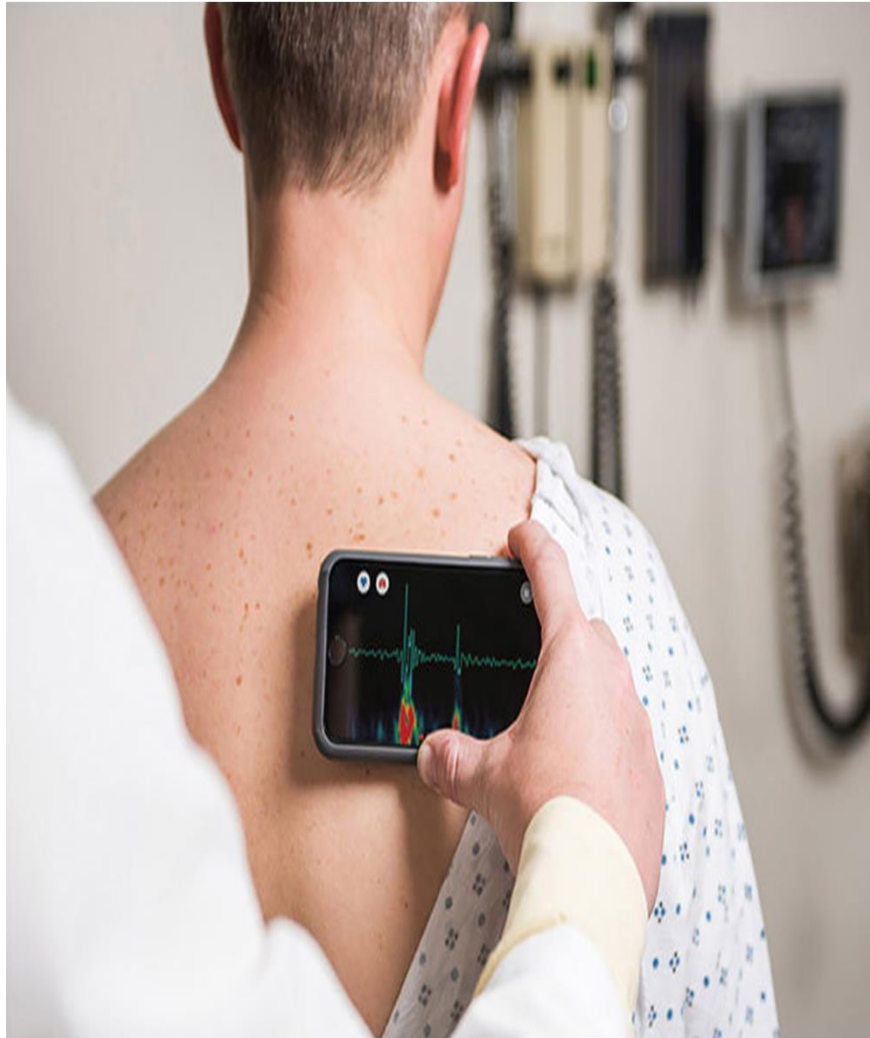
What is the use of contemporary technology in healthcare for diagnostic and administrative purposes?



- “A wide variety of technologies and tools are involved in the diagnostic process...”

Balogh, Miller, Ball (2015)

How does the technology work for care support?



- ❑ A single electronic platform provides all the benefits to patients and providers.
- ❑ “The 'Steth IO' Case Works in the Same Way as Medical Stethoscopes...”

TURNER, (2017)



• Telemedicine and its benefits.

❖ “Telemedicine is a communication contact method.”

❖ **Benefits:**

- Diagnostic
- monitoring
- Work remotely

[Telemedicine \(datadictionary.nhs.uk\)](http://datadictionary.nhs.uk)

The Use of Technology During the Covid -19 Pandemic



- The Covid-19 pandemic was unprecedented across the globe.
- The healthcare sector was put under strain by the rapid influx of patients in this period

Technology use during the pandemic



- ▶ Different technologies such as IoMT, drones, robots, UVs, GPS, and Bluetooth, were used for primary activities.
- ▶ Tools such as computers and robots were deployed to remotely monitor and diagnose patients during the pandemic.

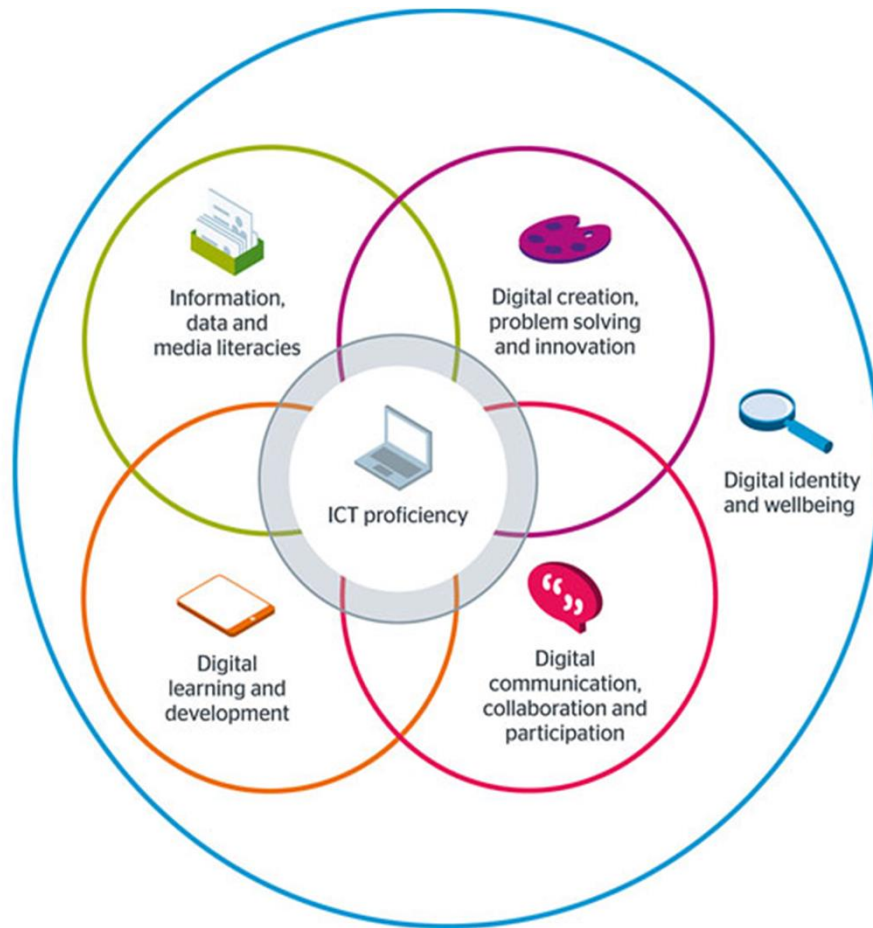
Vargo et al, (2021)



- ❖ The massive usage of technology mediated tools and applications such as mHealth.
- ❖ Mhealth has enhanced virtual healthcare during pandemic.

Rita

The use of digital literacy for employee well-being and professional career development in healthcare?



- ▶ Digital literacy refers to being proficient in ICT.
- ▶ Digital literacy is becoming a necessity for people working in the healthcare industry.

Jisc, (2018)

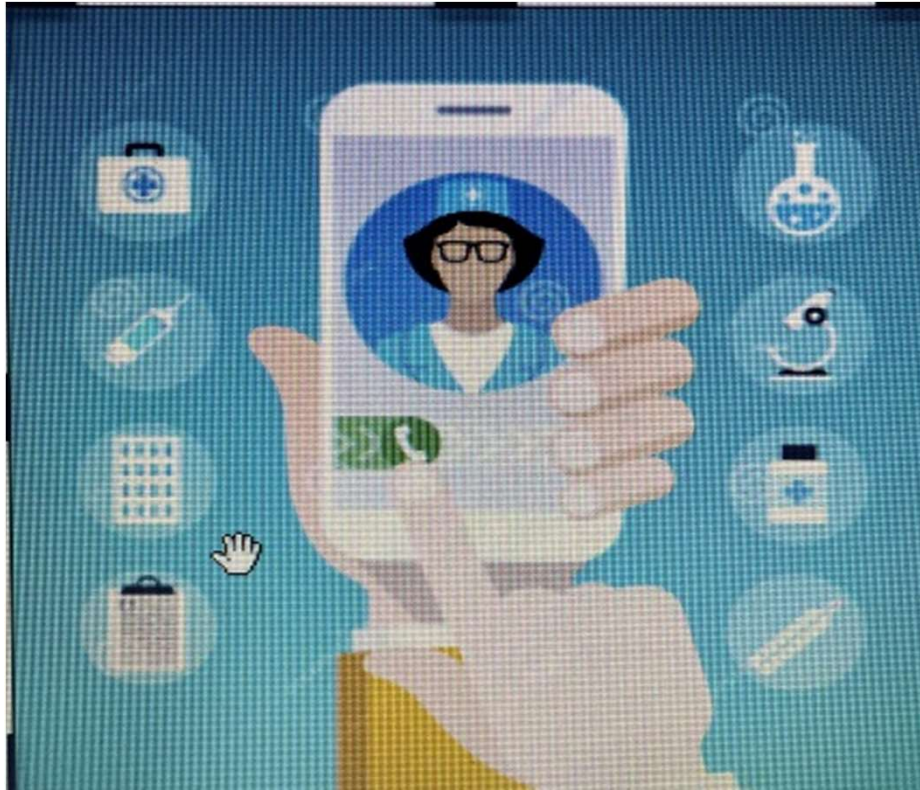
Benefits of digital literacy in healthcare.

- ❖ To enhance patient care.
- ❖ To enhanced learning.
- ❖ To enhance the confidence.

Kennedy, Yaldren, (2017)



The use of digital Tech. for communication, Collaboration, and participation.



- To secure messaging and video conferencing.
- In order to Improve Communication and Collaboration among Healthcare.

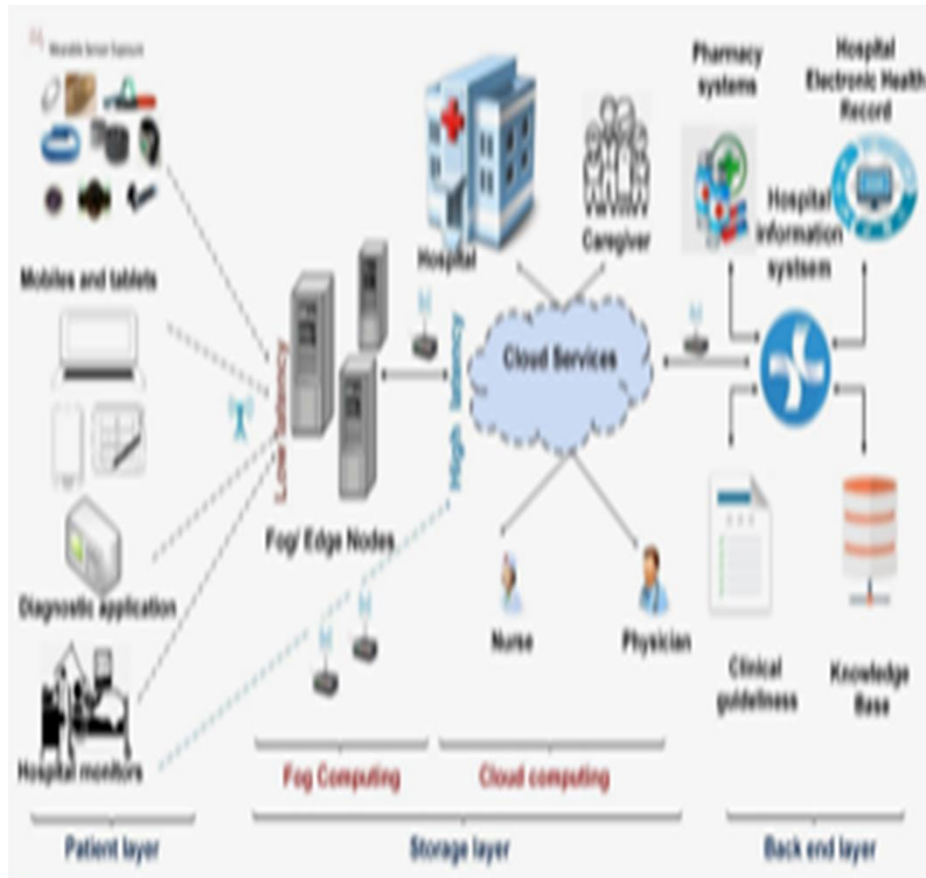
Neuhauser, KrepsG, (2008)

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- # Wang, (2022)

Relevance of Technical Proficiency for Data and Information Handling



- Efficient Data Management.
Smith et al., (2021)
- Improved Patient Engagement.
Brown et al., (2020)
- Enhanced Data Security.
Jones & Lee, (2019)

Telecare and Patient Portal in Health and Social Care at North Middlesex University Hospital

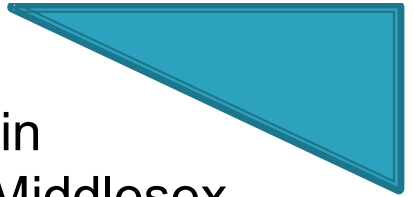


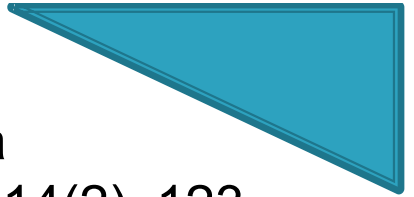
- Implementation of Telecare.
Smith et al., (2021)
- Adoption of Patient Portal.
Smith et al., (2021)
- Training and Support.
Jones & Lee, (2019)



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