

ST. GEORGE'S HOSPITAL



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1.ALINA HALUNGA- Research- Informed Literature and The Background of the Organization.

2.ANISOARA STOICA- Challenge(s) before the introduction of modern technology

3.AGIE MENGEH - Analysis and Insights to the modern technology introduced

4.ANN JOHNSON- Practical Application and Deployment and The impact of the technology introduced

5.ALICJA WOJCIK- Skills for Professional Practice ,Lessons that can be drawn from the case study and Conclusion

ST. GEORGE'S HOSPITAL



**1.-RESEARCH- INFORMED LITERATURE AND
-THE BACKGROUND OF THE ORGANIZATION.**



London, 1973



London, 2019

- The fascinating history of St George's Hospital in Tooting goes back to 200 years.
- **St George's Hospital opened in 1734 with 30 beds in two wards, one for male and one for female patients on the first floor, and staff accommodation above. It was an instant success.**
- **By 1747 the number of wards had increased to 15, with 250 beds available.**



ST. GEORGE'S HOSPITAL

- Founded in 1733, [St George's, University of London](#) is the only one university dedicated to medical and health sciences education, training and research.
- In 1976, the University relocated to its current location in Tooting, followed by the Hyde Park Corner clinic in 1980.
- Nowadays, St. George's is one of the largest hospitals in London with more than 1300 beds and multiple services , including stroke and cardiology.

AIMS, VISION, OUTSTANDING CARE EVERY TIME AT ST. GEORGE'S HOSPITAL

- At St George's, aims are to provide Outstanding Care, Every Time for all patients, wherever they are treated. Their vision is to:
- Treat the patient, treat the person
- Right care, right place, right time
- Balance the books, invest in our future.



CURRENT STATUS/SERVICES

Most active services at ST. George's Hospital:

⑩ Cancer Services/Maternity

⑩ St George's Hospital has an international reputation for quality of care and cutting-edge treatment.

⑩ They provide services to both children and adults.

The background of the slide features several thin, curved lines in a light gray color, some solid and some dashed, creating a sense of motion or a globe-like pattern.

ANISOARA will
present the second
topic of our
assignment about:

- **CHALLENGE(S) BEFORE THE
INTRODUCTION OF MODERN
TECHNOLOGY**

Challenges before modern technology at St George's Hospital

It used to be a lot more difficult for doctors, nurses and researchers to track, retrieve and utilize patients' medical records and health data, as everything was written and kept on paper.



A lot of time and human resources were wasted due to the lack of phone and online appointments.



The impossibility of updating and sharing in real time medical records and data with other doctors, health and research institutions.

Challenges before modern technology at St George's Hospital

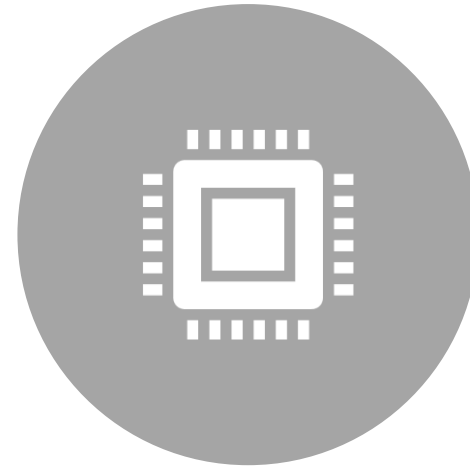


- ▶ Doctors couldn't access and process right patients' complete medical files as they could be kept in different hospitals and medical centers.
- ▶ Before the new technologies it was difficult to create vaccines but today a lot of progress has been made that induce broad immune responses.
- ▶ The communication with patients was more difficult, as it wasn't possible to phone or text them.
- ▶ Before the technology was introduced it was very difficult to detect and treat cancer .

AGIE will present the third topic of our assignment about:



ANALYSIS AND

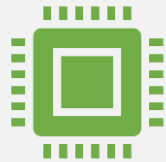


**INSIGHTS TO THE MODERN
TECHNOLOGY INTRODUCED**

INSIGHTS OF MODERN TECHNOLOGY AT ST GEORGE'S HOSPITAL



Cerner Millennium: java and cloud based automated library solutions suitable for small to midsize medical practices.



Rio software: electronic patient records (EPR) system that helps to read patient information any where you are.



FEAUTERS

- **On Site Pharmacy**
- **Laboratory**
- **Emergency Medicine Solution**
- **Clinical Image Solutions**
- **Infusion Management**
- **Transform your work**
- **Establish best practice**

ADVANTAGES AND DISADVANTAGES OF MODERN TECHNOLOGY



It allows information and resource to be shared by all.



It allows physicians to dictate directly to storage



Patient information is easily available



Cost : electronic records keeping requires constant upkeep.



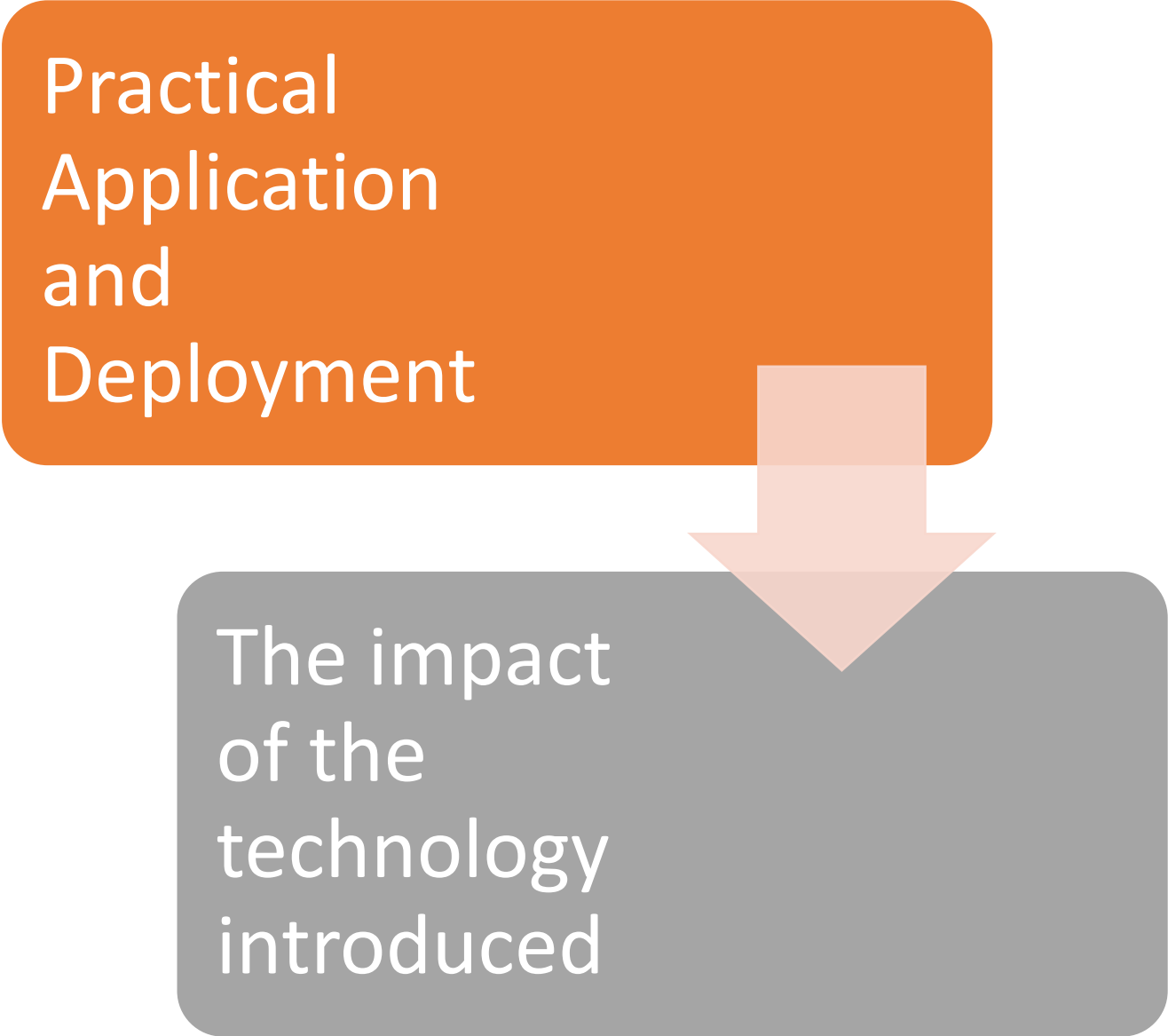
Security : electronic record keeping typically flows and everyone can have access to it with the use of internet connection



Lack of standardization: hospitals use different abbreviations, even the codes called out during emergencies don't always mean the same.

ANN will
present the
fourth topic of
our
assignment
about:

Practical
Application
and
Deployment



The impact
of the
technology
introduced

Practical Application and Deployment

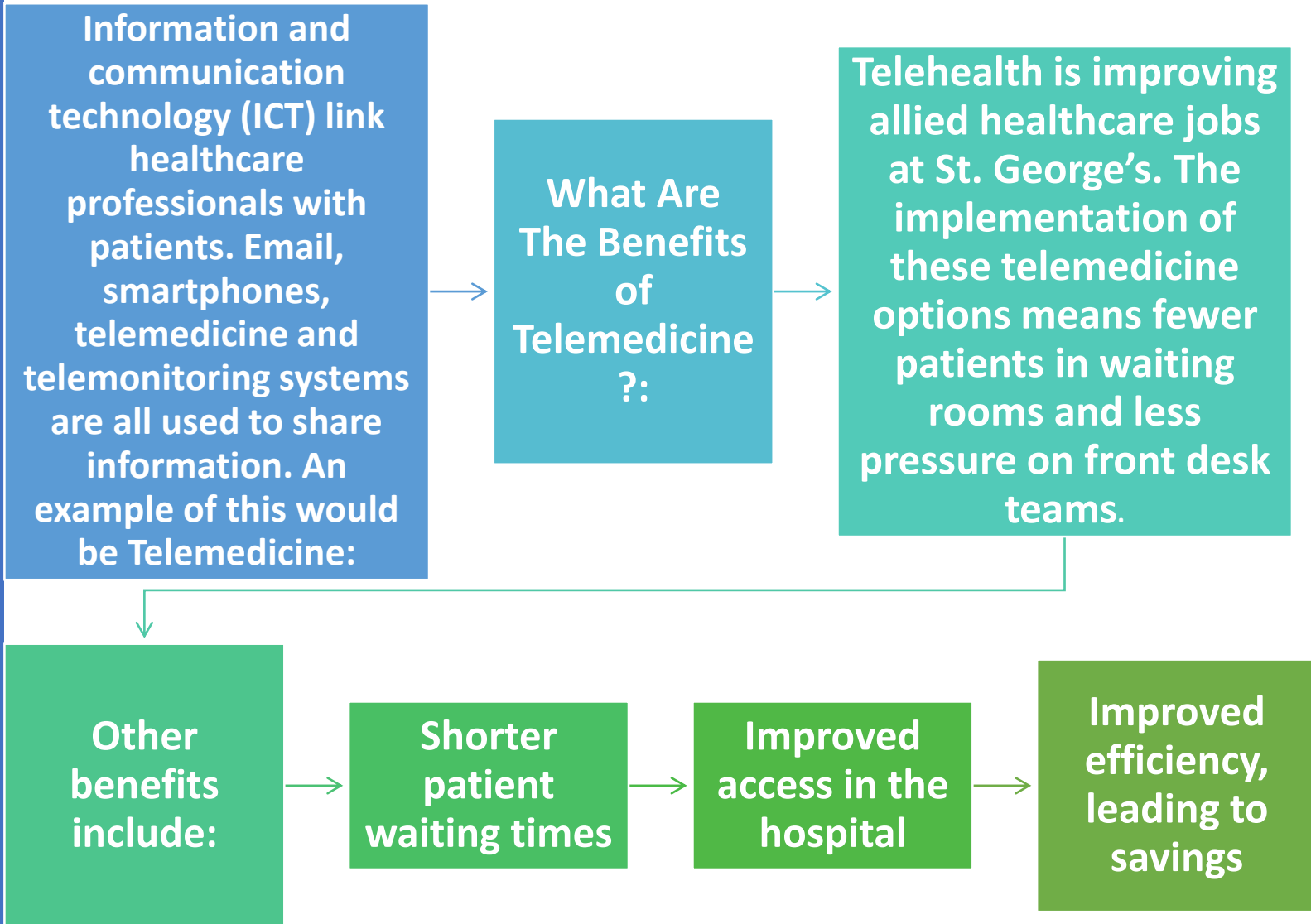


The LUCAS 2 is an automated chest compression device part that takes over the 'cardiac massage' part of cardiopulmonary resuscitation (CPR) when a patient goes into cardiac arrest. St George's is one of only three pioneering heart attack center's in London currently using the LUCAS 2.



Heart patients treated at St George's Hospital, London, are benefiting from cutting-edge technology helping clinicians to save the lives of those who have suffered a cardiac arrest.

The impact of the technology introduced



And ALICJA
will present
the last topic
of our
assignment
which will
cover :

Skills for
Professional
Practice



Lessons that
can be drawn
from the case
study and the
CONCLUSION

Skills for professional practice at St. George Hospital

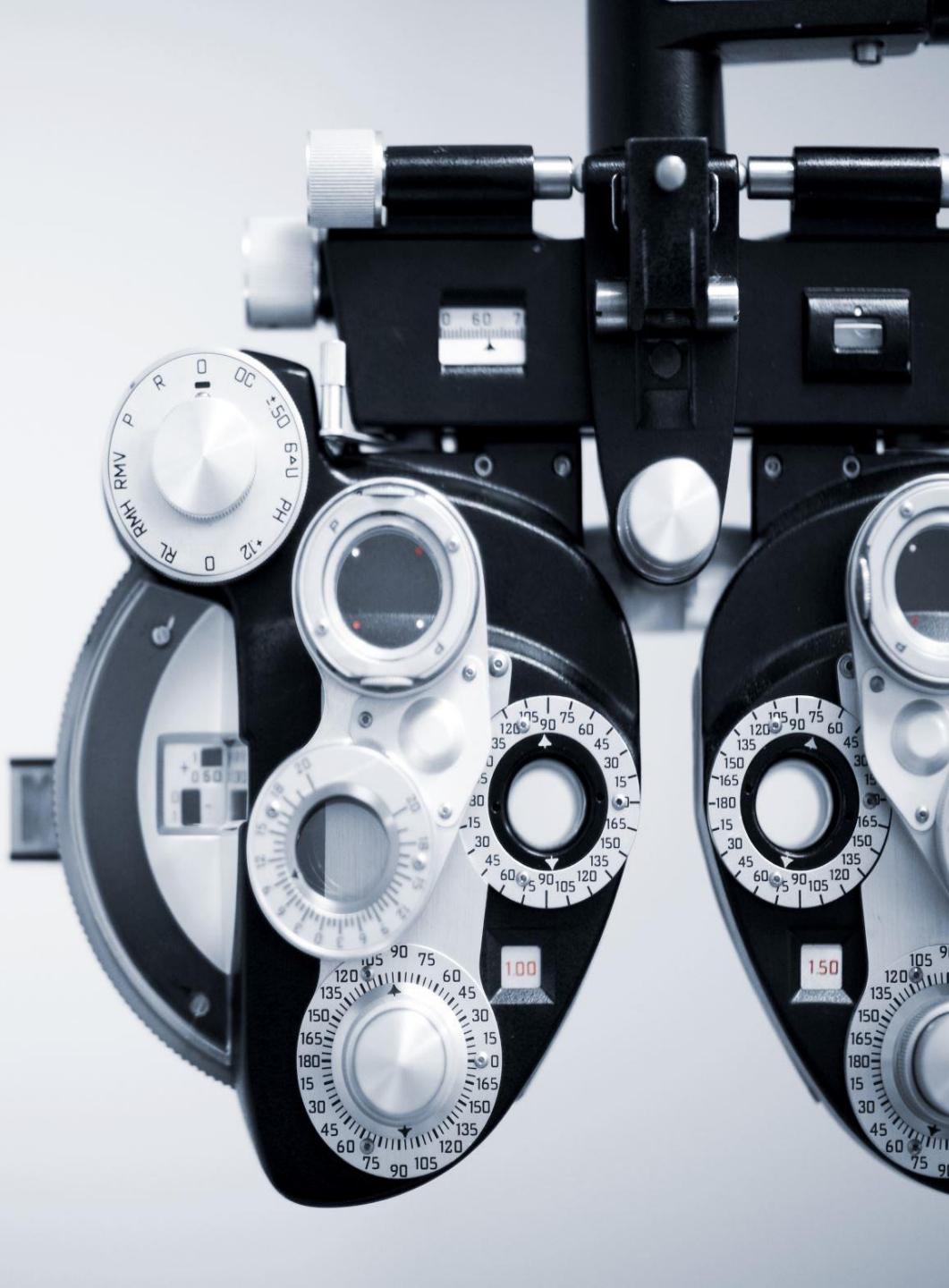
One of main teaching hospitals with students from St. George and University of London ;

- Communication skills
- Medical practice and decision making
- Confidence
- Non-judgmental
- Be supportive
- Multi-tasking
- See the changing needs of adults, families and children while they have treatment



Modern technology is important in St. George Hospital

- Information technology- Electronic medical record, telehealth services – patient can check appointments, medical records and be in contact with the doctor without leaving house.
- Medical technology- medical devices, equipment like Ankle braces, MRI machine for Improving patients care.
- Medical Research – developing new medicine and help to diagnose diseases.



What is different between traditional and modern technology in St. George Hospital?

- Accessibility of treatment – more treatment can be use with new technology then a few years ago.
- IT Use – Nurses and doctor can write patient record straight in the system without any paper.
- Hospital space -Patients don't need to stand in the queue for check their appointments like before.
- CCTV system- Everything is recorded for safety reasons. If something happened in hospital is clearly seen on CCTV.

CONCLUSION

- St. George Hospital is 200 years old.
- This medical institution is one of the oldest, largest and best hospital in UK.
- **Most occupied services :**
 - ❖ -Maternity ward
 - ❖ -Cancer treatment
- St. George hospital can give better and quicker medical care with new research and devises like MRI machine.
- The students at University Hospital have big opportunities to learn become good health career .

