The Fortunes of War

Medical and nursing advancement as a result of war. From 1852 to modern day.
1852-1900

- **Key Conflicts**
  - Crimean war (1852-1854)
  - Florence Nightingale
    - hygiene and sanitation
    - improved clothing and diet
  - Italian Independence
    - Battle of Solferino (1859)
  - Henri Dunant
    - founder of Red Cross
American Civil War (1861-65)
- Amputation
- Anaesthesia
- Reconstructive (Plastic) surgery
- Triage
- Pain management
- Open chest wound management

Franco-Prussian war (1870-71)
- Use of antiseptics and treat and reduce wound infection

Boer War (1899-1902)
- Water bed to reduce surgical shock
- Ambulance system to evacuate soldiers
- Sanitary divisions to reduce risk of disease
- Use of Ray machines
- Field dressings implemented.
Battlefields changed
Infection control measures introduced
Role of women during war drastically changed
Orthopaedic speciality practice began
Plastic surgery continued to develop
Injuries changed
Blood transfusions
Portable X-Ray
Artificial limbs
First responders
Thomas splint
Rehabilitation
Plastic surgery
Nursing
World War Two (1939-1945)

- Civilian casualties on a large scale
- Infection
- Vaccinations
- Malaria
- Plastic Surgery
- Hitler’s Final Solution
- Ultrasound
- Fracture management
Korea (1950-53) and Vietnam (1955-75)

- Mobile Auxiliary Surgical Hospitals
- Improved transportation of casualties
- Vascular surgical repair
- Chemical warfare (Agent Orange)
- MAST trousers
And beyond

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The future
Summary

Why is this important?

The past provides the building blocks for our present.

In order to fully understand and plan for the future, we need to understand the history.
The Challenge

What are you doing with the present we have today to form a basis for the future we will have tomorrow?

What do you think nurses in the future will have to say about what we have done today?