

**Enriching Knowledge Series for Junior Secondary
History Revised Curriculum: War and History:
New perspectives to Study the Military History
(Lecture 3) “War and Medicine” (New)
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War and History
Lecture Series (III): War
and Medicine

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Part I: Introduction

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Part I:

Introduction

War and Medicine in a nutshell

About Innovation

About
Organization
and
management

About
international
cooperation

About
Humanitarianism
and Progressivism

War and Medicine

- Not only about medicine per se
- But also about
 - medical science,
 - medical care,
 - as well as international norm and standards

Part II:

Early Modern Period to the
19th Century

Main Features

- **Accelerated pace of innovation**
- **Emergence of international cooperation**
- **Key bottlenecks existed**
- **Impact of globalization**

Early Modern Period to the 19th Century

- Early modern period
- Weapon and wounds
- Combat environment
- Medical science
- What will happen when you are wounded on the battlefield?

Early
Modern
Period to the
19th Century

- The 19th century
- Weapon and wounds
- Combat environment
- Medical science

Early Modern Period to the 19th Century

- Battlefield medical care during the Napoleonic War
- The Crimean War
- Emergence of International Red Cross
- American Civil War
- Colonial Expansion and Medicine
- Late 19th Century Changes

Part III:

The First World War

Main Features

- **Unprecedented scale of war led to rapid changes in technology**
- **Some key breakthroughs**
- **Organizational and managerial changes important**
- **Breadth and depth of understanding in medicine and medical science**
- **Postwar disaster**

The First World War

- Weapon and wounds
- Combat environment
- Scale of problem

The First World War

- Scientific Breakthroughs
- Organizational changes
- Gadgets that changed the world
- New dimensions
- Post-war disaster
- Long term consequences

Part IV:

The Second World War

Main Features

- **Unprecedented scale and international nature of war**
- **More scientific breakthroughs – key problems concerning combat medicine almost solved**
- **Continuous advances in medical care of wounded**
- **Rise of international organizations as well as pharmaceutical giants**

The Second World War

- New combat environments
- Advance in medicine
- More chemical alternatives – revolution in Chemical industry
- New understanding of patients' rights
- Epidemic averted
- Professional community and progressivism
- Rise of pharmaceutical giants

Part V:
Conclusion

Conclusion

- Medicine and medical care in war is one of the few (perhaps) only story of continuous scientific triumph – a very Whiggish story
- In this story, scientific advances solved many problems – but without the accompanying organizational, managerial, and cultural changes the success of science would be very much curtailed
- Cooperation between international progressives was crucial in making the above-mentioned changes – one of the brighter pages of globalization
- Importance of states that championed international cooperation and humanitarianism – political system also mattered

The End

Thank You