

History Medicine Revision Sheet 1

Earliest Medicine

Prehistory

How do we know

Key idea of prehistoric medicine

Main factors on prehistoric medicine

Medicine in Egypt

When

Why not prehistoric?

How do we know about Egyptian medicine

Key ideas of Egyptian medicine

1.

2.

3.

Main factors in Egyptian medicine

History Medicine Revision Sheet 2

Medicine in Greece

When

Why important

Key Ideas

Wealth of Greece meant education/thinking could be encouraged

Natural:

Supernatural:

Alexandria

Main factors in Greek medicine:

History Medicine Revision Sheet 3

Medicine in Rome

When

Why was Rome important?

Key Ideas

Importance of the Army

Public Health

Galen

Main factors in Roman medicine:

Collapse of Roman Empire: Impact on medicine

History Medicine Revision Sheet 4

Medicine in the Middle Ages

When

Ideas

Positive changes in the Middle Ages

1.

2.

3.

4.

What was less positive about the middle ages and medicine

1.

2.

3.

Black Death

Causes

Treatments/cures

Impact

History Medicine Revision Sheet 5

The importance of the Catholic Church

How it helped

How it hindered

Arabic medicine in the middle ages

How Arab medicine was better than in Europe

Why medicine had a higher priority than in Europe

- Rhazes
- Ibn Sinna
- Ibn Nafis

Main factors on medicine in the middle ages

History Medicine Revision Sheet 6

The Renaissance

When

What it was:

The individuals of the Renaissance

Pare

Discoveries

Importance

1.

2.

3.

Vesalius

Discovery

Importance:

History Medicine Revision Sheet 7

Harvey

Discovery

Importance:

Factors influencing renaissance changes to medicine

But remember:

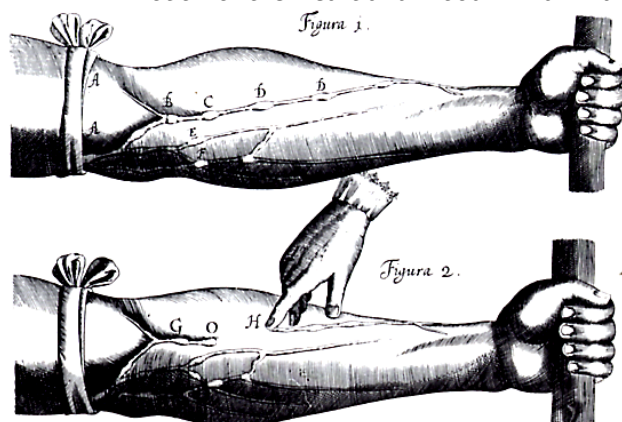
Death of Charles II

Early records show that the Ancient Egyptians knew of the pulse and the importance of the heart. Galen also did much research into the heart. William Harvey (1578-1657), however, has the credit for being the first person to demonstrate scientifically how the heart worked.

Study **Source E** and then answer **both** parts of Question 3 which follow.

Source E A diagram of an experiment by Harvey

From Harvey's book: An anatomical Account of the motion of the Heart and Blood in Mammals



(a) What does **Source F** tell you about the methods used by Harvey to reach his conclusions? (3 marks)

(b) How important was the role of the individual in the development of medicine during the Renaissance?

(12 marks)

History Medicine Revision Sheet 8

The Prevention of disease 1750-1900

Jenner & smallpox

What smallpox is

The traditional method of prevention: inoculation

Jenner & cowpox

The idea

The experiment on Phipps

The result

The role of **chance** in this discovery:

Pasteur

Germ theory

Pasteurisation of wine/milk

Chicken cholera, rabies, anthrax:

The role in this discovery of

- chance
- technology
- government
- industry

History Medicine Revision Sheet 9

Koch:

Ehrlich:

Improving Surgery

Early operation conditions

Simpson & anaesthetics

How discovered:

Early opposition

Lister & antiseptics

How discovered:

Early problems

What are the key factors that helped surgery to improve?

History Medicine Revision Sheet 0

Public Health (See the spider charts from the revision day)

The 20th century

The impact of world wars 1 & 2 on surgery

- New techniques of surgery
- Plastic surgery
- New drugs (see below)

Fleming, Florey & antibiotics

- What is an antibiotic?
- the discovery of penicillin
- The production of penicillin

The setting up of the National Health Service

(See the public health spiders)

The effect of the following factors on medical progress in the 20th century

- War
- Industry
- Technology
- Government
- Individuals

History Medicine Revision Sheet 1

Women and medicine

Women in Egyptian medicine

Women in the middle ages (page 69)

- Midwives
- Wise women
- Hospitals

Renaissance

- Herbalists

19th century;

- **Florence Nightingale**
Background

What she does (during & after the Crimean war)

Why this is important

- **Mary Seacole**
Background

What she does (during & after the Crimean war)

Why is she not so well remembered as Nightingale?

What factors help women in the 19th century?