

Historical Events Impacting Healthcare in the U.S.

In the United States in the second half of the nineteenth century the most critical healthcare problems were related to

-
-
-

What were the top 3 causes of death in 1900?

- 1.
- 2.
- 3.

A.

1. The most important factor in the decline in mortality in the 20th century was essential supported by home and workplace improvements and attempts to improve the environment.

How do you think hygiene improved?

Watch “Typhoid Mary” and then complete the activity “Disease Detective” which lets you act as an epidemiologist to trace the origins of a modern-day outbreak.

Notes from the video:

Describe typhoid fever.

Name 3 factors that contribute to the spread of the disease:

Do you think typhoid fever would be easier or harder to control in today’s modern society?

Defend your answer.

Now go to the link below and complete the activity "Disease detective"

<http://www.pbs.org/wgbh/nova/body/disease-detective.html>

Upon completion of the activity please complete:

- What caused the outbreak and how do you know that was the cause?

- What is an epidemiologist?

- Based on your work, what are 3 characteristics a good epidemiologist should have?

2. Examples of workplace improvements:

- 1.
- 2.
3.
 - a. The radium dial company:

 - b. Tobacco recognized as a health hazard:

 - c. Childbed fever:
(be sure to note the answers to the questions from the Power point here)

B.

1. Another reason for the falling death rate was the improvement of nutrition, which led to an increase in the resistance to diseases. According to the World Health Organization (WHO), the best "vaccine" against common diseases is an adequate diet.

C.

The arrival of **antibiotics** _____ in the 1940s signaled the end of the dominance of acute infectious disease and the ascendancy of chronic illnesses such as heart disease, stroke and cancer as the conditions that accounted for 2/3 of the deaths in the United States.

The five leading causes of death in 2015 were:

- 1.
- 2.
3. chronic lower respiratory disease
- 4.
- 5.

Watch “The Forgotten Plague” (and fill-out notes that go with it.)

What disease is known as the forgotten plague?

Write a small summary of the video:

D.

Economic prosperity plays a role in health conditions as well.

For example, during the recent recession years that started around 2008 many employees lost their jobs and therefore health care insurance.

E.

Vaccinations against potentially deadly diseases also reduced mortality.

1. How do vaccines work?

a. Which disease has been declared eradicated by the WHO because of vaccinations?

2. 1952 First vaccine for polio by Jonas Salk

3. Vaccinations today.

Kids today (and sometimes adults) will get dozens of vaccinations in their lifetime. Many states require students to complete a set of vaccinations before they are allowed to go to public school. California passed this recently (before this law parents could opt-out of vaccinations for personal beliefs).

You will be divided into teams to explore, discuss, and then teach the class on a specific vaccination or two.