



Assessment activity for unit 3

Work in groups of four. Each group should choose a different topic to prepare a power point of around 20 slides to do a 15 minute long presentation in class. Include pictures, maps and diagrams. We will do an exam about all the topics after the presentations.

The topics are the following:

- (A) Search about the different kinds of **flu** that have appeared lately: bird flu and swine flu. Focus your work on their epidemiological characteristics, the types and mutation of virus, the chain of transmission, compare them to the seasonal flu and talk about the preventive measures that were established.
- (B) Search about **tuberculosis**: chain of transmission, states of infection, diagnostic tools, immunodepressed patients and new forms of mycobacteriosis, and the relationship between multidrug-resistant strains and adherence to prescribed medication.
- (C) Search about infections due to genus **Salmonella**: differentiate amongst nontyphoid and typhoid infections, causal agents, chains of transmission and concern about hygiene and food handlers training.
- (D) Search about **HIV/AIDS**: chains of transmission, risk for health workers and preventive measures at work, evolution of the disease and safe blood transfusions.
- (E) Search about **smallpox**: history of the disease, transmission, impact of vaccination. Talk about eradication of infectious diseases, requirements and purposes. Pros and cons for extinction of infectious agents.
- (F) Search about **John Snow** and the **Broad Street cholera outbreak** (London 1854). Find out about what happened, who he was, what he did and what he represents for Public Health.

You may look at CDC, WHO or NHS websites for information.

- <http://www.cdc.org>
- <http://www.who.int/en>
- <http://www.nhs.uk>
- <http://www.ph.ucla.edu/epi/snow.html>