

### M & M (Disease Report)

M&M is a *Morbidity and Mortality* conference, where doctors get together, shut the doors, and talk about what went wrong. **Emerging infectious diseases** are those in which the incidence in humans have increased within the past two decades or threatens to increase in the near future. Emergence may be due to the spread of a new agent, to the recognition of an infection that has been present in the population but has gone undetected, or to the realization that an established disease has an infectious origin. Emergence may also be used to describe the reappearance (or "reemergence") of a known infection after a decline in incidence.

Select a disease from the list. Work in teams of two students. Sign up in lab; one team per disease.

#### Format

A 10-minute power point presentation on your assigned disease. Both members of the team present.

Use your textbook to get started, then use appropriate peer-reviewed references\* ; identify these references on the slide where the information is presented and in proper format on the last slide.

This grading form.pdf and (one page) a copy of your slides printed in handout format (3, 6, or 9 slides per page) must be turned in at the time of your presentation.

Content	Points
<i>The disease</i>	
Signs and symptoms of the disease.	5
Describe the pathogen.	
Including taxonomy	5
<i>Incidence and prevalence of the disease</i>	
Geography, discovery, reasons for emergence	7
Mechanisms of potential worldwide spread	2
Likelihood of worldwide transmission	2
Treatment of the disease	5
Prevention of the disease	4
<i>Mechanisms of pathogenesis:</i>	
Portal of entry/exit	4
Virulence factors	4
<i>References:</i>	5
Proper citations on slides	
All references in proper format (last slide)	
Q & A. You earn points by asking or answering questions.	4
General form & presentation	3

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\* You must use peer-reviewed articles. Encyclopedias, wikis, unreviewed websites, and textbooks are not acceptable. Good *starting* places:

1. Centers for Disease Control and Prevention <<http://www.cdc.gov/>>
2. National Institutes of Allergy and Infectious Diseases <<http://www.niaid.nih.gov/>>
3. Tortora, G., B. Funke, & C. Case. *Microbiology: An Introduction*, 12th ed. San Francisco: Pearson, 2016.
4. World Health Organization < <http://www.who.int/en/>>