

PLAGUES & HISTORY

I. HISTORICAL PLAGUES

A. THE BIBLICAL PLAGUES

1. THE TEN PLAGUES OF EGYPT
2. LEPROSY
 - a. BIBLICAL TREATMENT & DESCRIPTIONS
 - b. MEDIEVAL DESCRIPTIONS
 - c. MODERN TREATMENT
 - d. CURRENT PREVALENCE - USA - 200 CASES/Y
WORLDWIDE - 15M CASES

B. THE PLAGUE OF ATHENS (430-427 B.C.)

1. "THE THUCYDIDES SYNDROME"
2. CAME FROM NORTH AFRICA
3. SYMPTOMS AND CAUSES
4. AFFECT ON LIFE IN ATHENS

C. EARLY EUROPEAN PLAGUES

1. 150-550 AD
2. SMALLPOX, MEASLES AND PLAGUE

D. BUBONIC AND PNEUMONIC PLAGUE

1. JUSTINIAN'S PLAGUE - 542 AD (1ST PANDEMIC)
2. THE BLACK DEATH OF THE 14TH CENTURY (2ND PAND)
 - a. BUBONIC AND PNEUMONIC PLAGUE
 - b. ENDEMIC IN CENTRAL CHINA
PASSED ALONG TRADE ROUTES (1320) TO THE
BLACK SEA (CITY OF CAFFA) BY 1345
 - c. INVADDED NORTH AFRICA (ALEXANDRIA & CAIRO)
 - d. SICILY AND ITALY IN 1347
 - e. ENGLAND & GERMANY BY 1349
 - f. THE FLAGELLANTS & JEWISH PERSECUTIONS
 - g. RETURNED MANY TIMES TO EUROPE
1361-62 "PESTIS SECUNDA"
1478-80
3. THE GREAT PLAGUE OF LONDON - 1664
 - a. 70,000 DEATHS IN LONDON IN ONE YEAR
 - b. DOCUMENTED IN SAMUEL PEPYS' DIARY
4. THE BOMBAY PLAGUE OF 1894 (3RD GREAT PANDEMIC)
 - a. ASIA (OUT OF YUNNAN CHINA)
 - b. SPREAD TO AUSTRALIA, EUROPE & AMERICA
 - c. BECAME ENDEMIC IN SW USA

E. SMALLPOX

1. ENDEMIC IN EUROPE BY 1100 AD
2. DEVASTATING TO NEW WORLD INHABITANTS
3. TAINOS/COLUMBUS AZTECS/CORTEZ
INCAS/PIZZARO
4. SIR JEFFREY AMHERST AND NATIVE AMERICANS
5. VARIOLATION (INOCULATION) AND VACCINATION

- F. CHOLERA
 - 1. ASIATIC CHOLERA BEFORE 1829
MANY ASIAN EPIDEMICS
 - 2. CHOLERA PANDEMIC OF 1830 (FIRST PANDEMIC)
ALL OF INDIA BY ABOUT 1820
SPREAD TO REST OF ASIA AND ASIA MINOR
BETWEEN 1820-1830
REACHED ENGLAND BY 1831
ALL OF EUROPE BY 1840
JOHN SNOW'S "ON THE MODE OF
COMMUNICATION OF CHOLERA" -1853
 - 3. SUCCESSIVE PANDEMICS AFTER 1840 (UNTIL PRESENT)
 - 4. REACHED THE NEW WORLD IN 1865
NYC OUTBREAK IN 1866
 - 5. SOUTH AMERICAN OUTBREAK IN 1991
(SEVENTH PANDEMIC-??)
- G. YELLOW FEVER (DENGUE FEVER)
- H. MALARIA
- I. TUBERCULOSIS
- II. PLAGUES OF THE 20TH CENTURY
 - A. INFLUENZA
 - B. POLIO
 - C. AIDS
- III. OUTBREAKS AND EMERGING DISEASES
 - A. HEMORRHAGIC FEVERS
 - 1. EBOLA AND MARBURG
 - 2. ARENA VIRUS DISEASES
LASSA FEVER
ARGENTINE, BOLIVIAN AND VENEZUELAN
HEMORRHAGIC FEVERS
 - B. HANTA VIRUS PULMONARY SYNDROME
 - C. ENCEPHALITISES - E.G., WEST NILE ENCEPHALITIS
 - D. INFLUENZA
- IV. BIO-TERRORISM AND POSSIBLE (RE)INTRODUCED DISEASES
 - A. ANTHRAX
 - B. SMALLPOX
 - C. TULAREMIA
 - C. OTHERS ??