

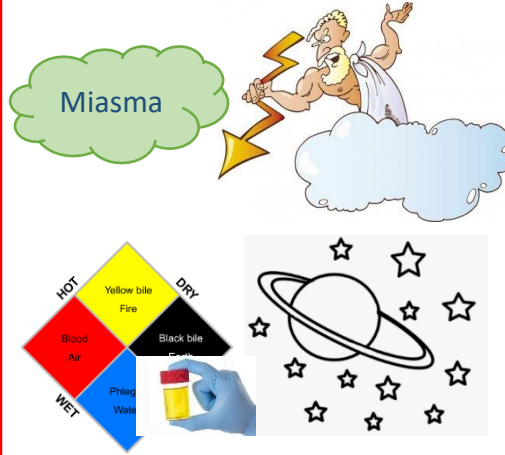
Prevention



X – Too busy – wars!



Beliefs about causes



Treatment



MEDIEVAL

Black Death
1348-9

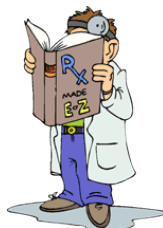


1250-1500



Barber Surgeon

- No formal training
- No anaesthetic
- Observed others



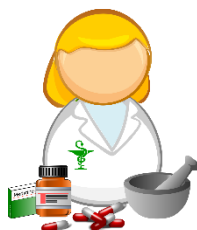
Physicians

- Less than 100
- University trained
- Focus on Galen!



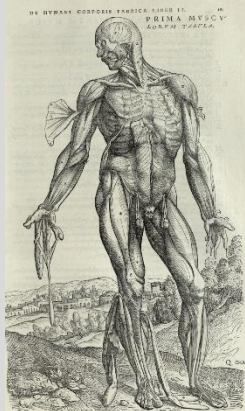
Women

- Wives
- Mothers
- Midwives



Apothecaries

- Mixed ingredients
- Made ointments & medicines for physicians.



V

ANDREAS VESALIUS

Fabric of the Human Body
Jawbone x1



WILLIAM HARVEY

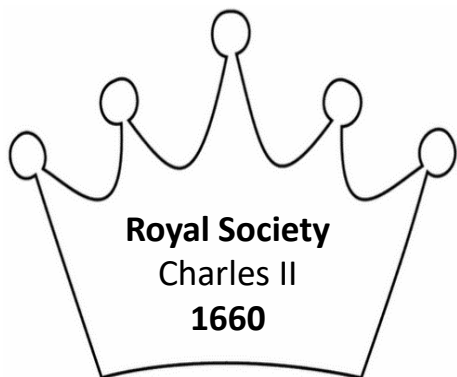
Blood not made in liver –
pumped by heart

S



THOMAS SYDENHAM

English Hippocrates
Observation



Royal Society
Charles II
1660



Johannes
Gutenberg
1440



Plague 1665

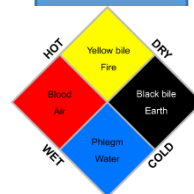
'Causes'

- God
- Other people
- Miasma
- Astrology

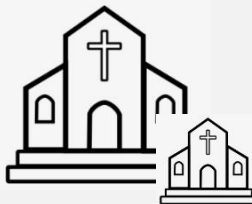


'Prevention'

- Fires to drive miasma
- Clean streets
- Kill cats & dogs
- Pomander



X



SNOW



Broad Street
1854
NOT miasma!

GREAT STINK



1858
Raw sewage in The
Thames

INDUSTRIAL REVOLUTION



Overcrowding
Poor planning
Disease

NIGHTINGALE



Notes on Nursing
Notes on Hospitals
Separate wards

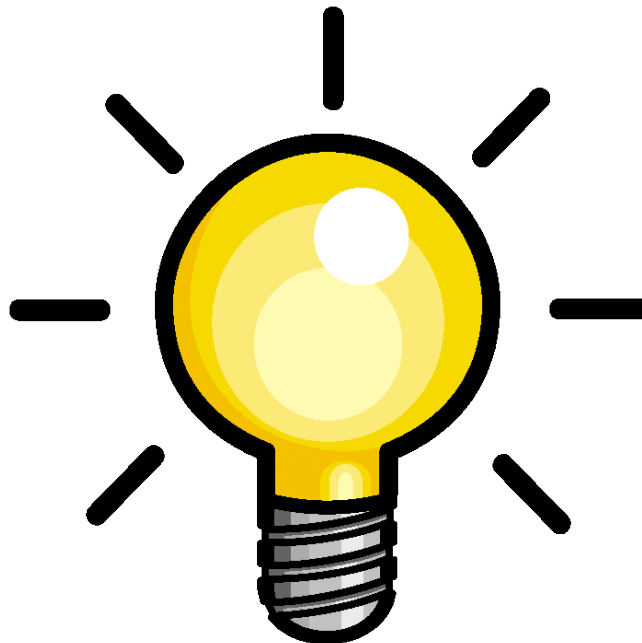
JENNER



Vaccination
Smallpox/cowpox
Compulsory 1872
100k by 1800

Enlightenment

1700-1900



PASTEUR



Germ Theory 1861
1854
NOT miasma!

BAZALGETTE



London's sewers
83 miles main sewers
1,100 miles of
street sewers

KOCH



Dye to see
different microbes
E.g. diphtheria
1883

PUBLIC HEALTH ACTS

1848

1875

Authorities:
Clean Water
Rid of sewage
Public officers

CHLOROFORM



James Simpson
Anaesthetic
Hannah Greener
Queen Victoria

CARBOLIC SPRAY

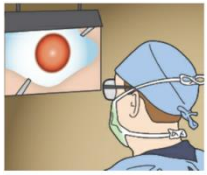


Joseph Lister
Antiseptic
Aseptic Surgery

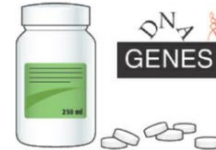
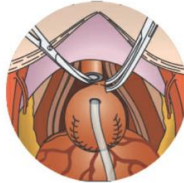
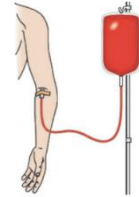
CHADWICK



Links ill health to
poor living
conditions



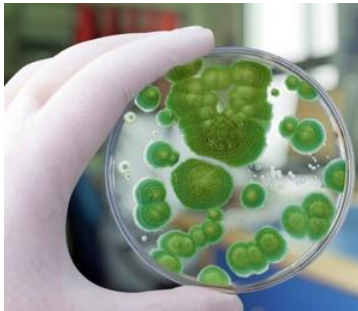
TECHNOLOGY



DNA
GENES



Treatments



Antibiotics

- Penicillin
- Fleming
- Florey & Chain



Salvarsan 606

M O D E R N

Ideas about causes of illness



Lifestyle Factors

Teaching hospitals

NHS also controls medical training and research

1948

NHS

Before – 8 million had never seen a doctor

Parliament runs the National Health Service

Maternity and child welfare

Medical research

Health visiting, home nursing and after-care of sick

Hospitals

Services available to all, free at the point of delivery

Health centres

Specialists

Vaccination

Blood transfusion

Ambulances

Dentists

Medicines and appliances

Family doctors