

History Medicine PLC

c1250 - c1500 : MEDICINE IN MEDIEVAL ENGLAND		
Ideas about the cause of disease and illness		
	Supernatural	
	Church	
	Astrology	
	Four Humours Theory	
	Miasma Theory	
	Hippocrates and Galen	
Approaches to treatment and prevention		
	Prayer and Repentance	
	Bloodletting and purging (Four Humours)	
	Purifying Air	
	Remedies	
	Physicians	
	Apothecary	
	Barber Surgeons	
	Few Public Hospitals	
CASE STUDY : Black Death 1348-49		
	Bubonic and Pneumonic Plague	
	Cause unknown	
	Local governments	
c1500 - c1700 : THE MEDICAL RENAISSANCE IN ENGLAND		
Ideas about the cause of disease and illness		
	Renaissance	
	Medical Knowledge Improved	
	Vesalius	
	Syndenham	
Transmission of ideas		
	Printing Press	
	Royal Society	

CASE STUDY : William Harvey		
	Circulation of blood	
	Major breakthrough in Anatomy	
	Limited impact on Diagnosis and Treatment	
Approaches to prevention and treatment		
	Old ideas	
	Other Healers	
	Care in community and home	
	Hospitals were still basic	
CASE STUDY : Great Plague 1665		
	Recurrence of Great Plague	
	Superstition still dominated Treatment	
	People tried to prevent it from spreading	
c1700 - c1900 : MEDICINE IN 18TH AND 19TH CENTURY BRITAIN		
Ideas about the cause of disease and illness		
	Germ Theory - Louis Pasteur	
	Dyes to identify microbes - Robert Koch	
Approaches to prevention and treatment		
	Vaccination - Edward Jenner	
	Nursing improvements - Florence Nightingale	
	Anaesthetics to solve problem of pain	
	Antiseptics kill germs - Joseph Lister	
CASE STUDY : Cholera in London - 1854		
	Towns had no proper water or waste facilities	
	Cholera epidemics killed thousands	
	John Snow - cholera to contaminated water	
Public Health Act - 1875		
	Earlier attempts had limited success	
	Public opinion began to change	
	1875 Act improved Public Health	

c1900 - Present : MEDICINE IN MODERN BRITAIN		
Ideas about the cause of disease and illness		
	Viruses were discovered	
	DNA have insight into Genetic Conditions	
	Lifestyle Factors increase Risk of Diseases	
Approaches to prevention and treatment		
	Blood tests	
	Medical scans	
	Patients can monitor their own bodies	
	Magic bullets - Paul Ehrlich - Salvarsan 606	
	Magic bullets 2 - Gerhard Domagk - Prontosil	
	Treatments to fight cancer	
	Blood transfusions solved blood loss	
	Transplants made more successful	
	Increased precision - keyhole & robot surgery	
Penicillin		
	Alexander Fleming discovered antibiotic	
	Florey & Chain found was to purify Penicillin	
	Florey took to USA for mass production	
National Health Service		
	Before access to healthcare was limited	
	NHS established in 1948 after WW2	
	NHS improved access to healthcare	
Government's role		
	Vaccination campaigns	
	Lifestyle campaigns	
CASE STUDY : Lung Cancer		
	Caused by smoking	
	Diagnostics and treatment has improved	
	Government campaigns have reduced smoking	