

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	