Sum	mary:	This section of the medicine topic considers h advancement of modical knowledge	ow medical knowledge has adva	nced ov	er time and	to what ext	ent. It also conside	rs what was th	e most sig	nificant event i
		500AD	1500AD 16	ne medi 00AD	17(00AD	1800AD	1900AD	y and the .	2000AD
		Medieval Period	16th and	17th C	enturv		19th	Century	20th Ce	enturv
					,	1	ndustrial Revolu	tion		
		Medieval Period and Before (Greek and	Roman)			-	6th and 17th Cer	turies (Rena	issancel	
		Summary	inomany			-	Sur	nmary	issurice	
The p could	eriod is mar be consider	ked by a lack of medical knowledge which means there was lit red one of regression when compared to previous periods such	tle advancement. Indeed, the period as the Eygptians, the Greeks and the	This p (eriod is one wł Greeks and Roi	nere people b mans). Key p	egan to really question to reall	what had come be nd Pare really cha	efore and th nged people	e 'wisdom' of the a es' understanding o
		Key Knowledge					Key Kr	nowledge		
	s: Sur	Regarded as the Father of Modern Medicine. I	His "Four Humours" theory is		nce	Renaiss	ance means 'rebirt	h' in French ar	nd is one o	of the key perio
1	Hippocrate Four Humo	the 4 Humours (Blood, Phlegm, Yellow bile & things in moderation. This led to many attemp balance & much of the medical knowledge from work.	Black Bile) in balance & to do pting to keep the Humours in n the Medieval is based on his	5	The Renaissa Period	evolut architect Da Vinci also	ion of humans. It i cure, literature and and Galileo that ch is a period where p	s a period tha learning. Key allenged previ eople challeng	t saw the individua ous thinki ged previo	revival of class ils such as Mich ings of art and ous medical thi
2	Galen: Anatomy	that dissection was the best way to discover body. Despite only dissecting animals, he do knowledge of how the body worked. Working a many opportunities to practise. He was one of combasic on listonias to a part	the workings of the human eveloped a better practical at Gladiator school it gave him of the first people to place an tigate auto	6	Andreas Vesalius: Anatomy	Born in B was th Galen's v by diss	ussels in 1514, he e key to understan vork and develope ecting humans rath detailed k	studied in Fran ding the how f d more accura er than anima nowledge of H	nce and Ita the body te views o Is. His wo Iuman an	aly. He believe worked. He cha on the inside o rk gave doctor atomy.
3	Alchemists	As we have learnt before, alchemy was the se gold, as well as the search for the 'Elixir of Life'. work had a huge impact on science and medica the first to produce certain acids (hydrochlor foundation for modern-day	arch to turn base metals into . Whilst never successful their I knowledge. Alchemists were ric and nitric) and is the very chemistry.	7	Ambroise Pare: reating Wounds	Ambrois ingredier more effe ligature	e Pare developed h ts to create dressir ective at healing. H s to tie off wounds deve	is skills in the ogs for wounds owever, his bi during amput lopment of art	French Ar s which nu ggest bre ations. H tifical limb	my. He used a umbed the pair akthrough was le was pioneer os.
4	ence of the Church	Whilst the Church predominately focused on o they did move medical knowledge on in some first to set up universities and schools of medic	curing illness through prayer, e ways. The Church were the cine that trained people in the deas peyer contradicted the	8	iam Harvey: /	Harvey blood wa pump claimed	challenged the wor is pumped around ed the blood, not t that the liver made	k of Hippocra the body in a he liver which new blood. H	tes and Ga circular m Galen be larvey aga	alen. He discov otion, and that lieved. Galen h ain proved this
4	Influe	Church.			Will	also cha	llenging the idea ti the bo	dv to have too	much blo	od.
4	Influe	teachings of Hippocrates and Galen as their in Church. 18th and 19th Centuries		_	Will Bloo	also cha	llenging the idea the bo	dv to have too	much blo	ood.
4	Influe	18th and 19th Centuries Summary			Will	also cha	llenging the idea the bo the bo 20th	dv to have too Century	much blo	bod.
4	Influe	18th and 19th Centuries Summary			Will	also cha	illenging the idea the bo the bo 20th Sur	dv to have too Century nmary	much blo	bod.
1 Inders	his period is tanding tha	teachings of Hippocrates and Galen as their i Church. 18th and 19th Centuries Summary s defined by possibly the single biggest advancement in medicin t bacteria was often the cause of disease meant any previous r God was dispelled. The work by Robert Koch after would only Key Knowledge	ne. The work of Louis Pasteur in notion that it was to do with humours y advance this further.	Thi: dise the bo	s period is one t ase more effec ody is created, o	that is charact tively but also constructed a the h	illenging the idea ti the bo 20th Sur terised by improvement the single most signifi nd reproduced culminat uman body, would cha	dv to have too Century nmary s in technology th ant discovery: Dh es in the discover nge medical know	hat enable d A. The dev y of DNA wh	octors to diagnose elopment of genet nich is essentially a er.
۲ ۱ unders	his period is tanding tha or	s defined by possibly the single biggest advancement in medicin t bacteria was often the cause of disease meant any previous r God was dispelled. The work by Robert Koch after would only Key Knowledge Pasteur is often cited as making the single most	ne. The work of Louis Pasteur in notion that it was to do with humours y advance this further.	This dise the bo	s period is one ase more effec ody is created, o	that is characc tively but also constructed a the h	ilenging the idea ti the bo 20th Sur Sur the single most signifit d reproduced culminat uman body, would cha Key Kr	dv to have too Century nmary is in technology th cant discovery: DN es in the discover rage medical know nowledge	hat enable d IAL The dev Y of DNA wh	octors to diagnose elopment of genet nich is essentially a
4 unders	his period is tanding that or Germ Theory	s defined by possibly the single biggest advancement in medicin t bacteria was often the cause of disease meant any previous r God was dispelled. The work by Robert Koch after would only Key Knowledge Pasteur is often cited as making the single most He was the first person to identify a link betw argued that micro-organisms were responsib could find out more about these micro-organisms were responsible to the first rabies vaccouncement of the	ne. The work of Louis Pasteur in notion that it was to do with humours y advance this further. t important medical discovery. ween germs and disease. He ple for disease and that if we isms then a vaccine could be to develop effect vaccines, cine in 1880.	This dise the bo	Wilhelm Rontgeen: X- Rays Rays	also cha that is charace tively but also constructed a the H X-Rays radiati whether being al	Ilenging the idea ti the bo 20th Sur terised by improvement the single most signifi ad reproduced culminat uman body, would chai Key Kr were discovered b on would pass thro it encountered bor ole to investigate b area:	dv to have too Century nmary is in technology th ant discovery: Di es in the discover nge medical know nowledge y William Ront ugh the body is nes or flesh. H roken bones a s throughout t	hat enable di Ala tenable di Ala. The devi y of DNA wi redge forevo tigen in 18 at differen is discove nd this wo he centur	octors to diagnose elopment of genet nich is essentially a er. 95. He discove nt rates , deper ry would lead i ould develop in y.
4 Inders	influe in the sector is the se	Exactings of Hippocrates and Galen as their in Church. 18th and 19th Centuries Summary s defined by possibly the single biggest advancement in medicin t bacteria was often the cause of disease meant any previous r 'God was dispelled. The work by Robert Koch after would only Key Knowledge Pasteur is often cited as making the single most He was the first person to identify a link betw argued that micro-organisms were responsib could find out more about these micro-organ developed to target that disease. He started leading to the first rabies vacc Koch was able to link particular germs to pa developing the science of bacteriology. He id that caused tuberculosis and cholera. He then w many diseases, for example: typhoid, pneumor He also developed a way to stain bacteria ta	ne. The work of Louis Pasteur in notion that it was to do with humours y advance this further. t important medical discovery. ween germs and disease. He ble for disease and that if we isms then a vaccine could be to develop effect vaccines, cine in 1880. articular diseases, in effect entified the specific bacteria went on to isolate the cause of nia, plague – all killer diseases. to make it easier to study.	This dise the bo	Floyd Firestone: Wilhelm Ployd Firestone: Wilhelm Ultrasound Rays X- Ultrasound Rays	also cha that is charac tively but also constructed a the f X-Rays radiatio whether being ai discover s by using f and it also	Ilenging the idea ti the bo 20th Sur erised by improvement the single most signifi ad reproduced culminat uman body, would cha Key Kr were discovered bo on would pass thro it encountered bor ole to investigate b area: sonar technology fr submarines, Firesto igh frequency sour o produced 3D imag babies an	At bleeding d dv to have too Century mmary s in technology th ant discovery: DN es in the discover ge medical know towledge y William Ront ugh the body : tes or flesh. H roken bones a s throughout t rom the Secon one created a v and waves. This ges. It is used and to examine	hat enable di lat enable di la. The devi y of DNA whi ledge forevi- is discove nd this ww he centur d World V way to 'se s avoided to examir human of	octors to diagnose elopment of genet nich is essentially a er. 95. He discove nt rates , deper ry would lead ould develop in y. Var which was e' inside the hu the need to us ne the progress rgans.
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