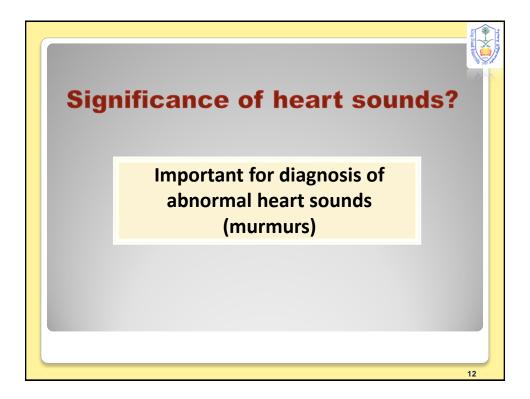
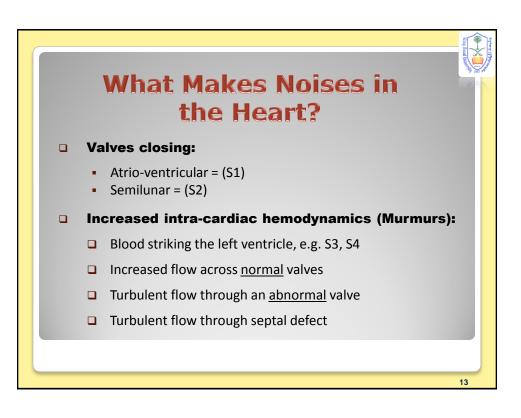
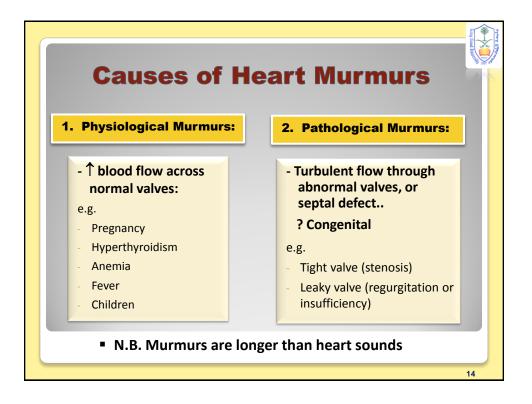
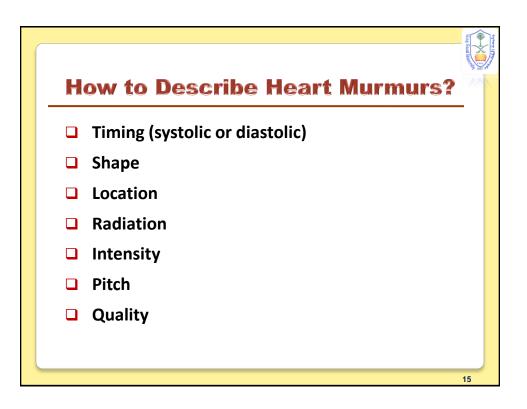


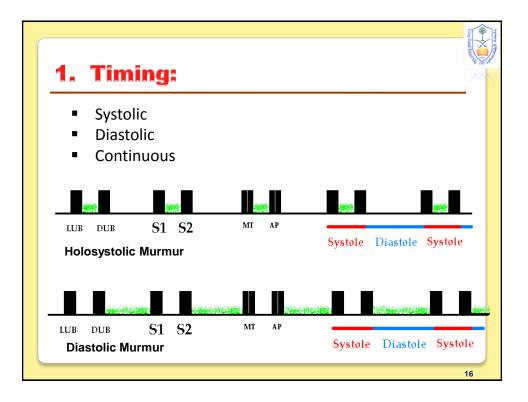
Arter Fried In Summary Different Heart Sounds					
	51	52	53	54	
Cause	Sudden closure of AV-vs	Sudden closure of semilunar vs	Rush of bl during rapid	Vibration produced by cont of atrial	
C-cycle	Marks beginning of vent systole	Marks beginning of vent diastole (Isovolumetric relaxation)	vent filling → vibration of vent ms.	ms (attributed to vent filling)	
	(Isovolumetric contraction)		Max vent filling phase of diastole	Atrial systole (just before 1 st	
Duration	0.15 sec (Longer)	0.11-0.125 sec (Shorter)	0.05 sec	HS) 0.04 sec	
Frequency	25-35 Hz	50 Hz	0.05 sec		
Character	Low pitch (LUB)	High pitch (DUB) (Softer, sharper) Split into 2 sounds during inspiration = Physiological splitting (due to delay closure of pulm v).	Very low pitch	Very low pitch	
	(Louder)		Usually not audible	Usually not audible (Rarely heard)	
Best heard	М&Т	A & P	м	M 11	

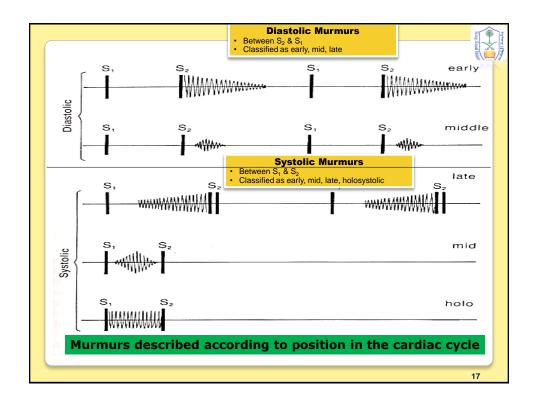


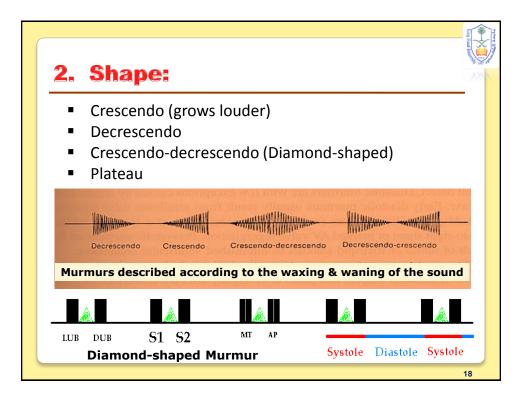


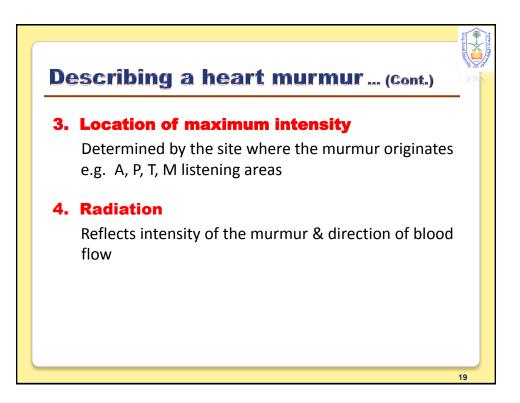


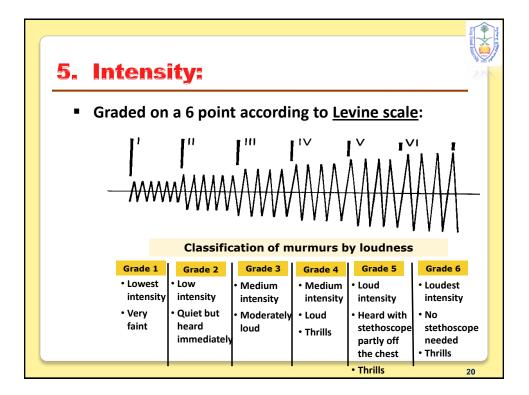












H	leart murmurs Intensity		
I / VI	I need quiet room and trained ear to hear. (difficult to hear even by expert listeners)		
II / VI	audible to anyone who listens attentively (usually audible by all listeners)		
III / VI	loud, but not palpable (easy to hear even by inexperienced listeners, but without a palpable thrill)		
IV / VI	loud and palpable: it produces a precordial thrill		
V / VI	audible with your stethoscope placed perpendicular to chest wall		
VI / VI	audible without a stethoscope		
	21		

