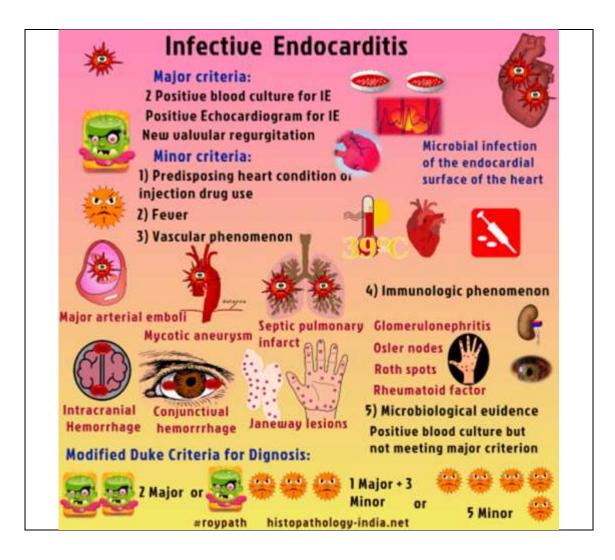
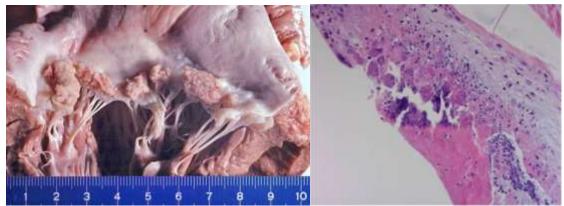
136 XV. Diseases of the Cardiovascular System

Endocarditis,	I-411 15	53					
Heart:	About normal i	n size					
Myocardium:	• Pale						
	• Soft						
Mitral valve:	Cusps show: Ulceration		on				
		• Vegetat	ions				
Vegetations:	ons: • Large						
	• Opaque						
	Yellowish-reddish-grey						
	• Friable						
	• Destructive to the cusps						
	• Spreading throughout the cusps						
	Somewhat extending to: Chorda tendinae						
Other valves:	Show no partic	ular change					
	• Are thin						
	Delicate						
N.B.:							
	o cardiac enlargemen	• 1					
patient did not live long enough to allow for the mechanical effects to							
show themselves.							
 The lesion most probably occurred on a previously-healthy valve. A sute bacterial endocordities is often a complication to an already serious 							
 Acute bacterial endocarditis is often a complication to an already serious disease such as 							
 Acute osteomyelitis, 							
 Carbuncle or 							
 Puerperal sepsis. 							
• That is, the primary focus of infection is usually obvious.							





Large friable vegetations

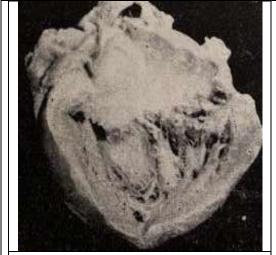


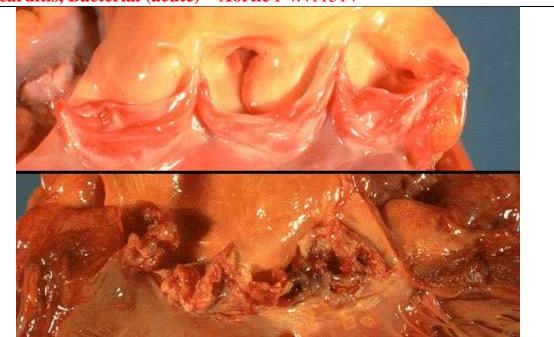
Figure 54 Nature Acute Bacterial Endocarditis Specimen No. 1-4.411513 Reference P. 135



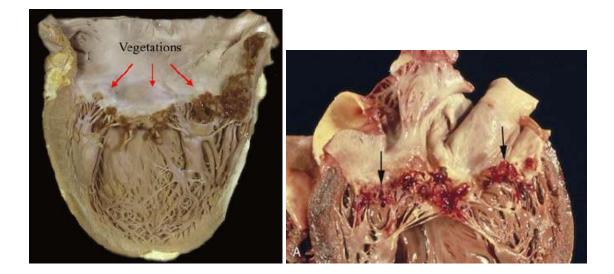
Destruction of the valve



Endocarditis, Bacterial (acute) – Aortic I-4.411514

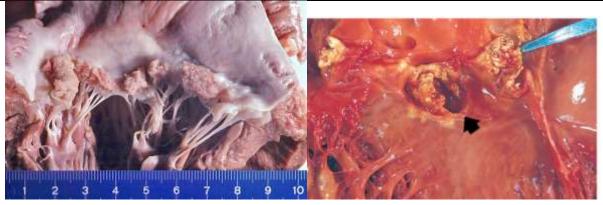


Heart:	Slightly enlarged			
Aortic valve:	Cusps:	Thin Delicate		
		Show :	Ulceration Vegetations	
Vegetations:	LargePaleFriableHaemon	right posterior cu rhagic (in some (in most parts)		



N.B.:

- There is no actual cardiac hypertrophy.
- The condition has to be differentiated from other types of endocarditis (rheumatic, syphilitic or senile).
- Because the **vegetations are large, exuberant, destructive and friable**, they may lead to embolic lesions producing multiple abscesses in various organs, that is, acute pyaemia may result.



Splinter hemorrhages

Janeway lesions (painless spots on palms/soles of feet)

Osler's Nodes (painful nodules in pulp of fingers/toes)







