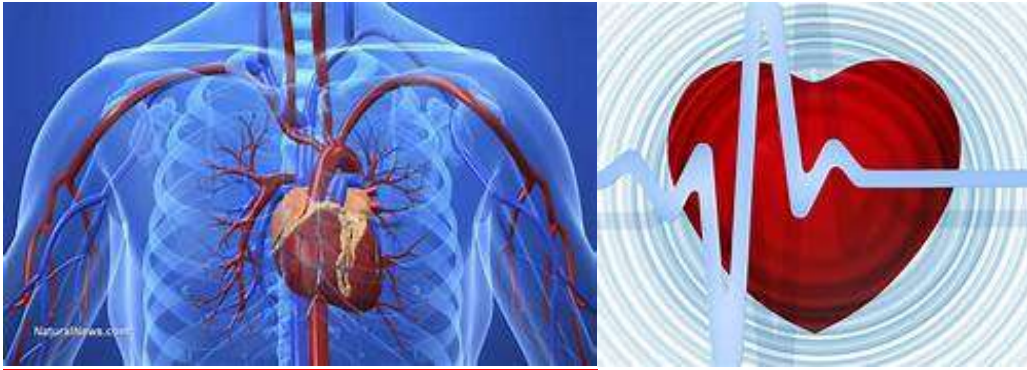


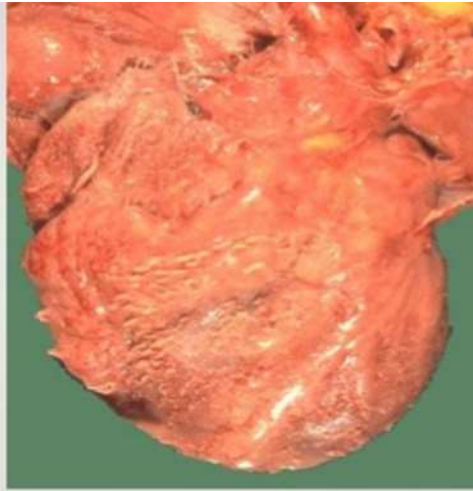
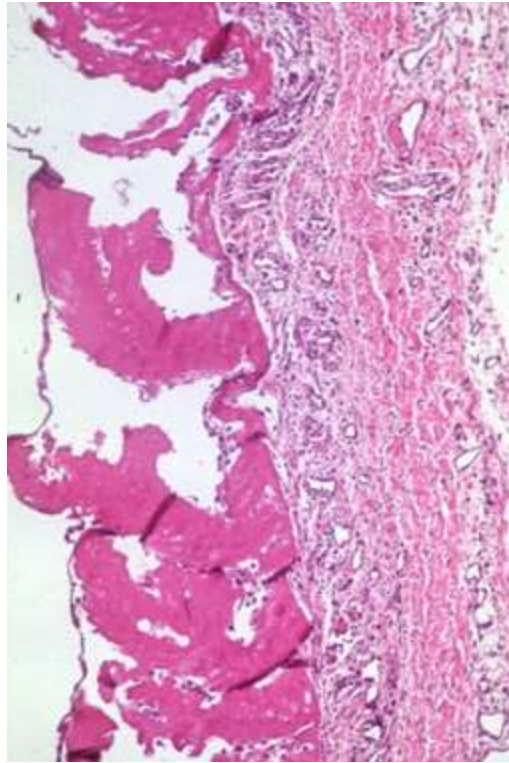
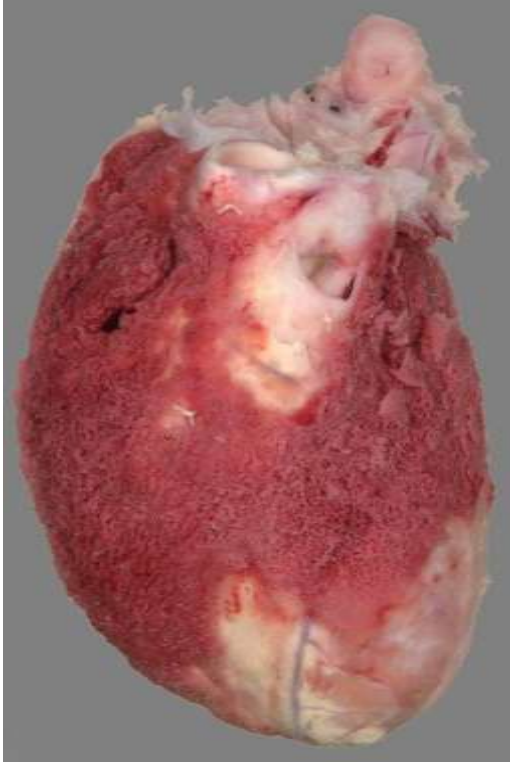
**XV. DISEASES OF THE CARDIOVASCULAR SYSTEM**

**GROSS MANIFESTATIONS OF DISEASE**  
**(DESCRIPTION OF COMMON SPECIMENS IN MUSEUMS OF PATHOLOGY)**

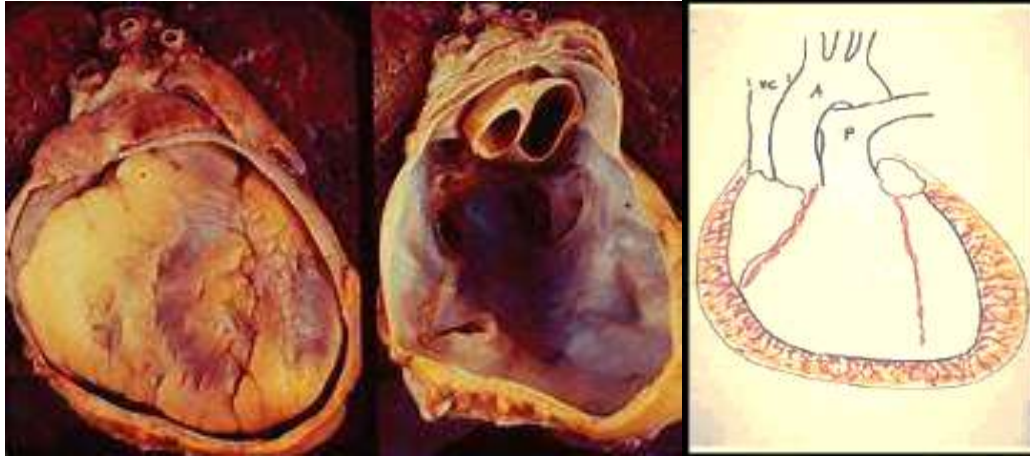
**DISEASES OF THE CARDIOVASCULAR SYSTEM****DISEASES OF THE CARDIOVASCULAR SYSTEM**

<b><u>DISEASES OF THE CARDIOVASCULAR SYSTEM</u></b>			
<b><i>1. Fibrinous Pericarditis</i></b>	<b><i>I-1.312.</i></b>		
<b><i>Visceral pericardium:</i></b>	<ul style="list-style-type: none"> <li>• Is coated with a layer of fibrin</li> <li>• Rough</li> <li>• Dull</li> <li>• Opaque</li> <li>• Lusterless</li> <li>• More affection at the base of the heart</li> </ul>		
<b><i>Fibrinous exudate:</i></b>	<ul style="list-style-type: none"> <li>• Pale pinkish-yellow</li> <li>• Shaggy</li> </ul>		

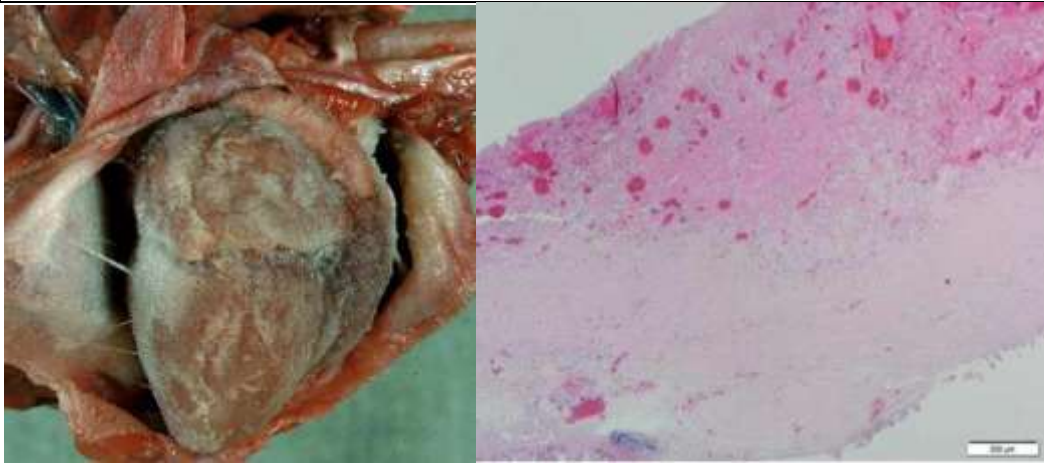
		<ul style="list-style-type: none"> <li>• <b>Mantle-like</b></li> <li>• <b>Detached in parts</b></li> </ul>		
	<i>Heart:</i>	<ul style="list-style-type: none"> <li>• <b>Is enlarged (slightly)</b></li> <li>• <b>Covered by a fibrinous exudate</b></li> <li>• <b>Shows a small area devoid of fibrin:</b> <ul style="list-style-type: none"> <li>▪ <b>Congested</b></li> <li>▪ <b>Smooth</b></li> </ul> </li> <li>• <b>No evidence of tearing of underlying myocardial surface</b></li> </ul>		
<p><b>N.B.:</b>  <b>The commonest cause of fibrinous pericarditis is acute rheumatic fever.</b>  <b><u>The fate of fibrinous pericarditis:</u></b></p> <ol style="list-style-type: none"> <li>1. <b>Clearing</b> by reabsorption.</li> <li>2. Formation of an opaque white patch of fibrous tissue (<b>milk spot</b>).</li> <li>3. <b>Organization.</b></li> <li>4. <b>Fibrous tissue adhesions (adherent pericardium).</b></li> <li>5. Some <b>calcification</b> on the surface of heart (<b>few stony plates</b>).</li> <li>6. <u>Superimposed effusion (pericarditis with effusion).</u></li> </ol>				

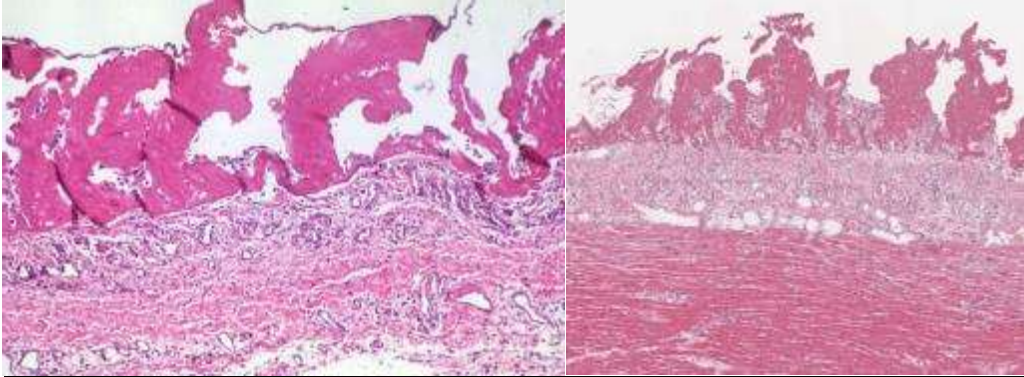


**"bread and butter"  
pericarditis"**

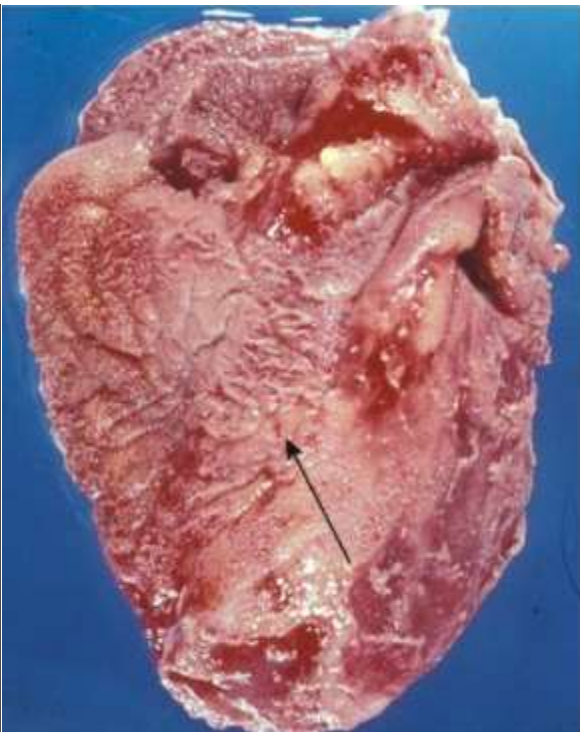
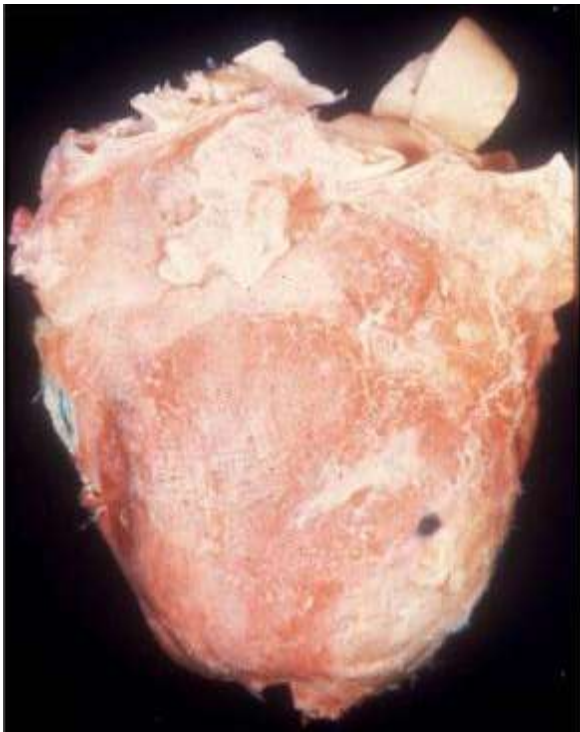


<b>2. Fibrinopurulent pericarditis</b>		<b>I-1, 313</b>	
	<b>Visceral pericardium:</b>	<ul style="list-style-type: none"> <li>• Is coated with a layer of fibrin</li> <li>• A suppurative exudate is amongst fibrin network</li> </ul>	
	<b>Heart</b>	<ul style="list-style-type: none"> <li>• Normal in size (or very slightly enlarged)</li> <li>• Covered with a Fibrinopurulent exudate</li> </ul>	
<b>N.B.:</b>			
<ul style="list-style-type: none"> <li>• <b>Pure rheumatic reaction is fibrinous or Serofibrinous and is never suppurative.</b></li> <li>• <i>Secondary infection by pyogenic micro-organisms may be superadded and this explains the somewhat-purulent exudate.</i></li> </ul>			





**fibrinous pericarditis**





# Pericardial Disease: Pathophysiology

