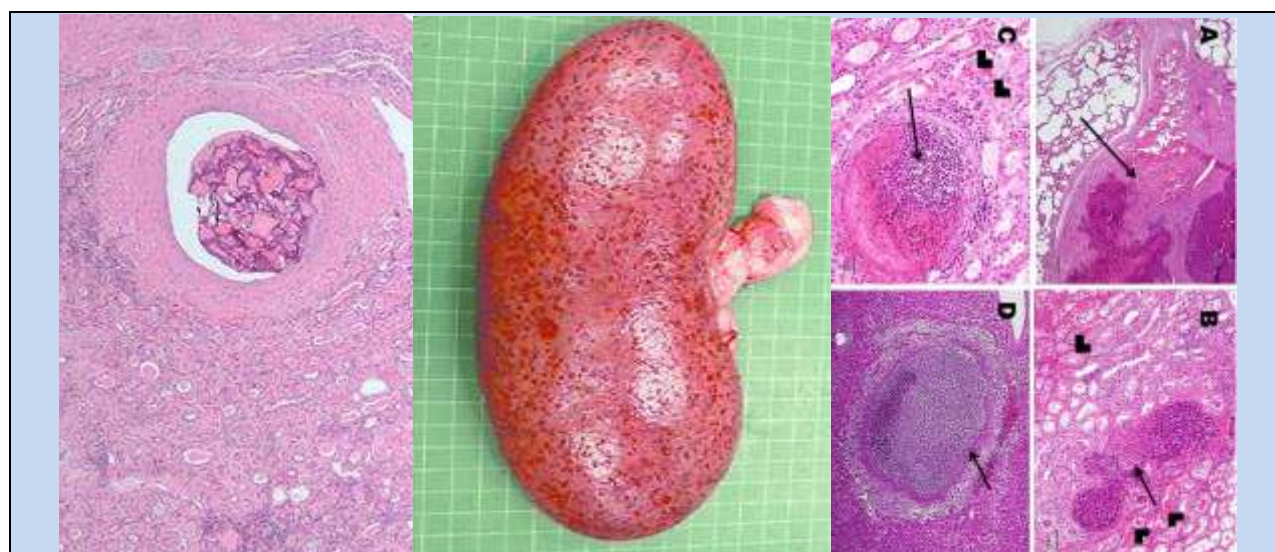


## XIX. Diseases of the Urinary System



<b>Embolic Glomerulonephritis</b>		<b>IV- 1.3194</b>
<b>Kidney:</b>	<b>Size:</b>	<ul style="list-style-type: none"> <li>Slightly increased (large).</li> </ul>
	<b>Capsule:</b>	<ul style="list-style-type: none"> <li>Strips off easily</li> </ul>
	<b>Subcapsular surface:</b>	<ul style="list-style-type: none"> <li>Smooth</li> <li>Reddish-grey</li> <li>Small petechial glomerular haemorrhages</li> </ul>
	<b>Consistence:</b>	<ul style="list-style-type: none"> <li>Oedematous and softer than normal</li> </ul>
	<b>Cut surface:</b>	<ul style="list-style-type: none"> <li>Cortex is well-differentiated from medulla</li> </ul>
	<b>Cortex:</b>	<ul style="list-style-type: none"> <li><b>Reddish-grey</b></li> <li><b>Petechiae (red haemorrhagic foci)</b></li> <li><b>Small yellow fatty flecks</b></li> <li><b>Very small infarcts</b></li> </ul>
	<b>Medulla:</b>	<ul style="list-style-type: none"> <li>Dark red (or normal in appearance)</li> <li>Differentiated from the cortex</li> </ul>
	<b>Blood vessels:</b>	<ul style="list-style-type: none"> <li><i>No gross changes (normal)</i></li> </ul>
	<b>Renal pelvis (and calyces):</b>	<ul style="list-style-type: none"> <li><i>No gross changes (normal)</i></li> </ul>
<b>N.B.1:</b>		
<ul style="list-style-type: none"> <li>The condition is usually secondary to subacute bacterial endocarditis.</li> <li>It is termed the "<b>flea-bitten kidney</b>" because of the pin-point or tiny focal haemorrhages which appear scattered over the surface in a patchy manner.</li> <li>These may be produced by more than one mechanism:               <ol style="list-style-type: none"> <li><b>Toxic</b> action on the capillary walls of the glomerular tufts and occlusion of the lumen of these vessels by the formation of a hyaline material.</li> <li><b>Embolism</b> from the cardiac vegetations producing very minute infarcts.</li> <li><b>Hyper-immune sensitivity</b> element.</li> </ol> </li> <li>Clinically, painless haematuria in the course of subacute bacterial endocarditis.</li> </ul>		