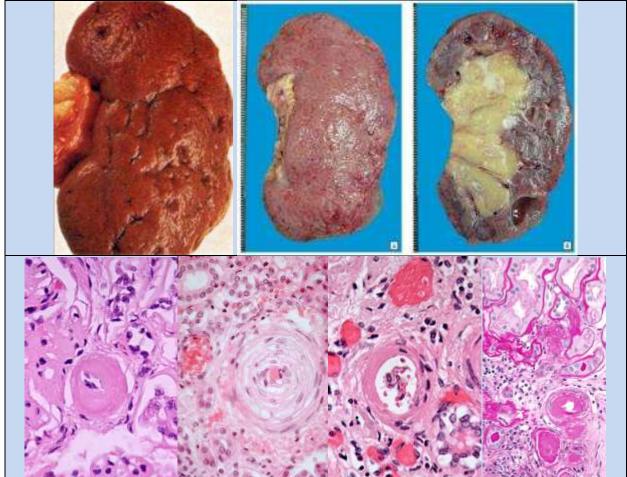
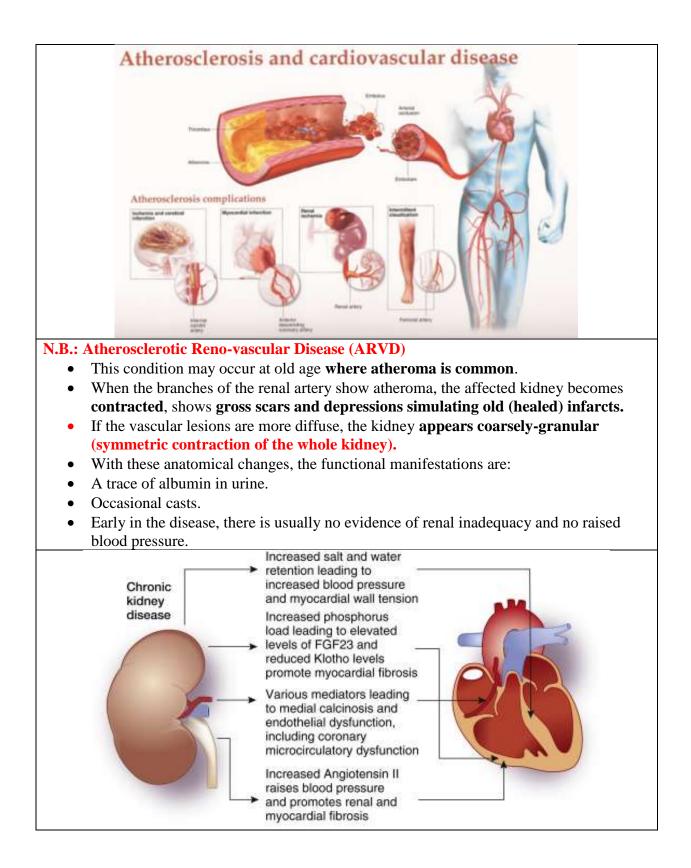
**336** XIX. Diseases of the Urinary System



## Atherosclerosis (senile arteriosclerotic kidney) IV-1.172

	N N	J /
Kidney:	Size:	Shrunken and rather small
	Capsule:	• Strips off easily (some parts)
Subcapsular surface:		Deep irregular grooves
	Cut surface:	• Irregular
	Cortex:	Coarse irregularity –
		• Ischaemic atrophy of some parts
		• Asymmetrical patchy depressed scars:
		<ul> <li>Pale granular</li> </ul>
		<ul> <li>Wedge-shaped</li> </ul>
	Medulla:	No particular change
Renal	l-artery-branches:	Atheromatous patches
		• Irregularly narrowed by the atheroma
		• No gross hypertensive changes in the vasculature within
		the renal tissue



Chronic Venous Congestion IV-1.211			
Kidney:	Size:	Moderately increased	
	Capsule:	• Strips off easily	
		• Tense and thick	
Subcapsular surface:		• Smooth (in most parts)	
		• Very fine granularity (occasional)	
		• Purplish-grey (or dark red)	
	Consistence:	• Firm	
	Cut surface:	• Dark red	
	Cortex:	Increased in thickness	
		• Purplish-grey	
		<i>With:</i> • Dark red lines	
		Red dots in pale areas of cortex	
	Medulla:	• Prominent venae rectae at base of pyramids	
		• Dark purple and congested	
		Well-differentiated from cortex	



## **N.B.:**

- Chronic venous congestion of the kidney is sometimes described as the "beet-root kidney" because of its dark purplish red colour.
- This patient died from **congestive heart failure** (right-side) due to mitral stenosis (rheumatic in origin).
- Such a condition may also result from obstruction in the pulmonary circulation (Of a chronic nature).

