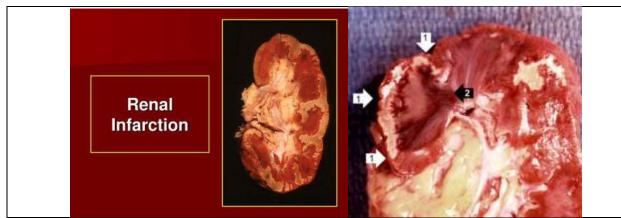
337 XIX. Diseases of the Urinary System

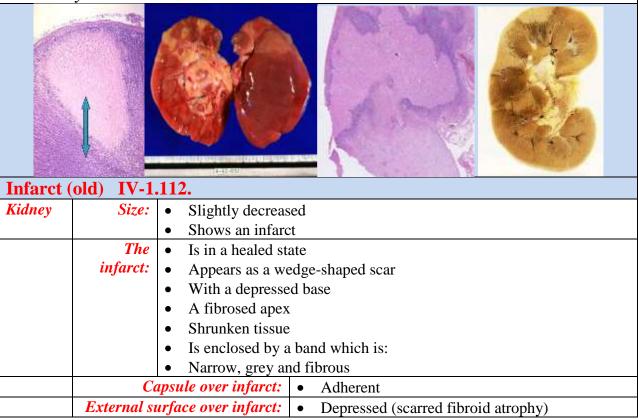
Recent Infar	1	<u>- 1. 111</u>
Kidney:	Size:	Slightly increased
Subcapsular		Shows white patches
Cut	surface:	Patches extend into kidney
		Appearances are those of infarcts
	Infarcts:	• Multiple
		• Small (and variable in size)
		• Pyramidal;
		• wedge-shaped (or irregularly-rectangular)
		• Base is at subcapsular surface
		• Apex is directed towards the renal pelvis
		Pale opaque in appearance
		• Yellowish-white
		• Well-demarcated and confined to the cortex
		Surrounded by a dark red zone (hyperaemia)Firm in consistence
Nergi Alega Maga Maga Maga Maga Maga Maga Maga M		
 This is i The reas In case of separati 	n contradi son is "the of infarcts ng the infa	hey are at first haemorrhagic then they become pale and anemic. stinction to those in the lung which remain haemorrhagic. end artery blood supply to kidney. of the kidneys, there may exist a thin rim of uninvolved renal tissue arct from the overlying capsule (and hence, the patient may not feel — ain); but, the urine may show blood (early).

- or complain of pain); but, the urine may show blood (early).
- However, there are pain and tenderness in most cases.



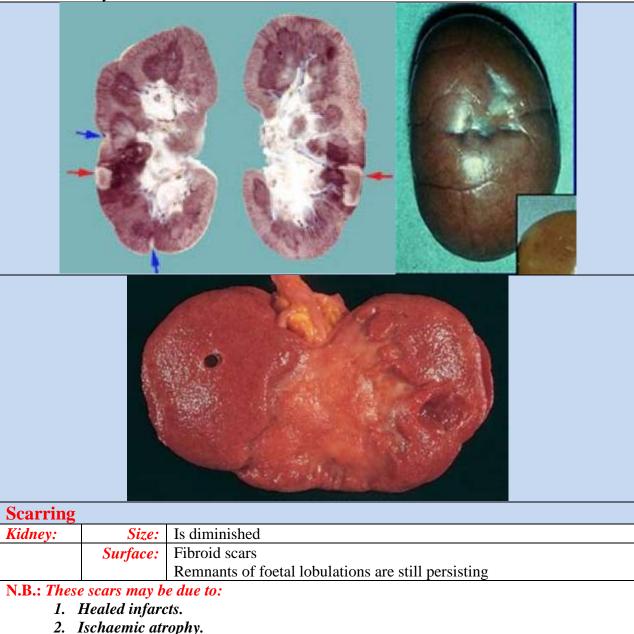
Sources of emboli producing kidney-infarcts:

- 1. Detachment of thrombi from left side of heart \rightarrow embolism as in:
 - (a) Heart failure (mural thrombi in: Atrial appendages; over an infarct at left ventricle).
 - (b) Subacute bacterial endocarditis and aortic aneurism.
- 2. Thrombosis over atheromatous renal arteries (and very rarely by renal thrombophlebitis).
- 3. Polyarteritis nodosa.



N.B.:

- **Histologically**, it proved to be a healed infarct of the kidney.
- The areas of scarring have to be differentiated from those of **focal healed pyelonephritis**. *Recurrent embolic attacks may show infarcts of varying stages in the same kidney, Oliguria (from associated sympathetic affection of the unaffected kidney → suppression of urine) may occasionally occur in cases with massive infarcts.



- 3. Effect of atheroma of renal-artery-branches.
- 4. Healed chronic pyelonephritis.