144 XV. Diseases of the Cardiovascular System

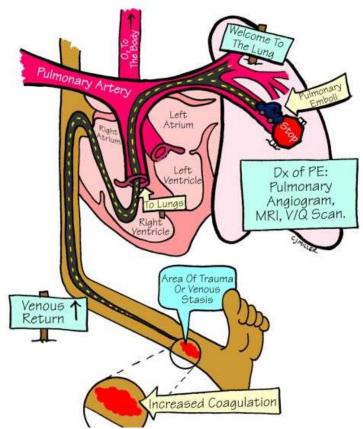
Thrombosis		
Femoral artery	Show a thrombus	
(and branches):	Show a monitous	
(unu brunches).	The thrombus:	Big
ine montous.		Dull
		Greyish-white
		Has a granular surface
N.B.:		
Varieties of throm	bi are:	
		etations of rheumatic endocarditis (on the fortified line
of cusps).		×
	us: Usually venous an	nd more soft and friable.
	nbus: A combination.	
A mu and of these types may be contine on acontine		

Any one of these types may be *septic or aseptic*.

Embolism	I- 6-24		
	Image: state of the state		
Heart	Shows no particular gross changes except in right side		
Right ventricle	Is opened Filled with an embolus (? thrombus)		
Pulmonary artery	Is opened Shows an impacted embolus (? thrombus)		
The embolus	<ul> <li>Is impacted enrolted (i diofileds)</li> <li>Is impacted in the vessel filling it</li> <li>Moderate in size</li> <li>Somewhat cylindrical</li> <li>Rather coiled (in parts)</li> <li>Mostly dull</li> <li>Pale Greyish-red</li> <li>Granular (in parts)</li> <li>Somewhat lamellated</li> </ul>		
-	died of collapse after <b>she had been operated upon in the uterus.</b> red on <b>the seventh day after the operation.</b>		

- Death occurred on the seventh day after the operation.
- An embolus appears more coiled than a thrombus, is more curled and is not adherent.
- The sites of arrest of an embolus:
  - $\circ$   $\;$  The first vessel which is too small to allow its passage.
  - $\circ$  Bifurcation of blood vessels.
  - Sudden diminution in caliber of the vessel.

## THE PULMONARY EMBOLI HIGHWAY



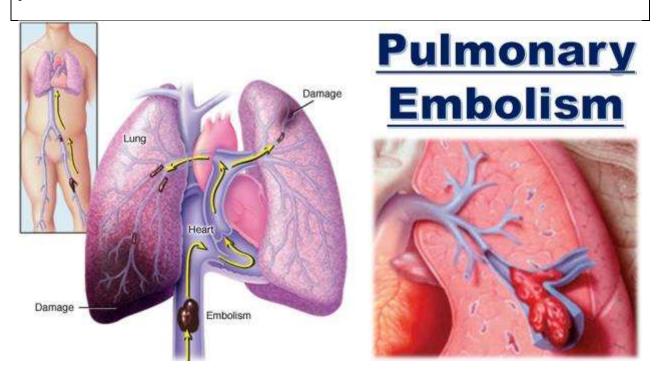
Embolism	Is opened (in ports)	- AGA
Femoral artery	Is opened (in parts) Shows an embolus	
The embolus	Is elongated Fills the lumen of the vessel (completely) Is greyish-red	Figure 62         Nature         Pulmonary Artery Embolism         Specimen No1-6.24.         Reference P. 144

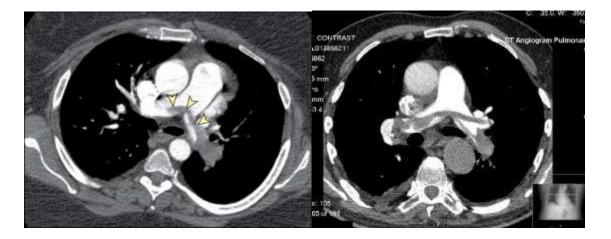
## **N.B.:**

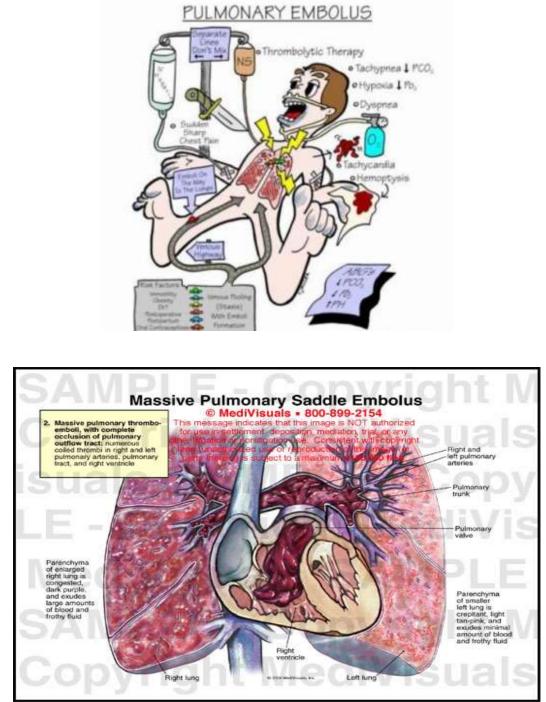
The source of this embolus was from detached vegetations of subacute bacterial endocarditis. It is observable that under ordinary conditions, <u>arteries are usually empty after death.</u>

Emboli of:	<ol> <li>Systemic veins</li> <li>Right cardiac cavities</li> <li>Pulmonary artery</li> </ol>	Are arrested in the vessels of lungs.
Emboli of:	<ol> <li>Pulmonary veins</li> <li>Left cardiac cavity</li> <li>Arteries</li> </ol>	Are arrested in <b>systemic arteries and their</b> <b>capillaries</b> as in: <b>Spleen, Brain, Kidneys.</b>

Emboli originating in organs drained into portal venous system  $\rightarrow$  are arrested in branches of the portal vein in the liver.







Exhibit# 604095\_02AG