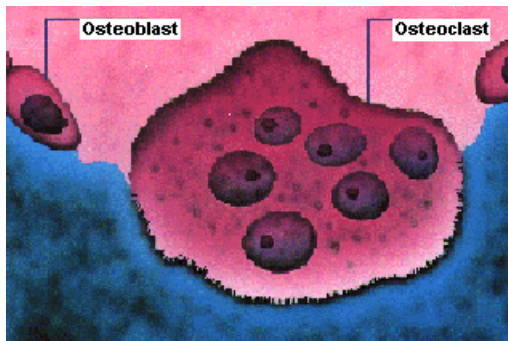


Bone Cells: Microscope One



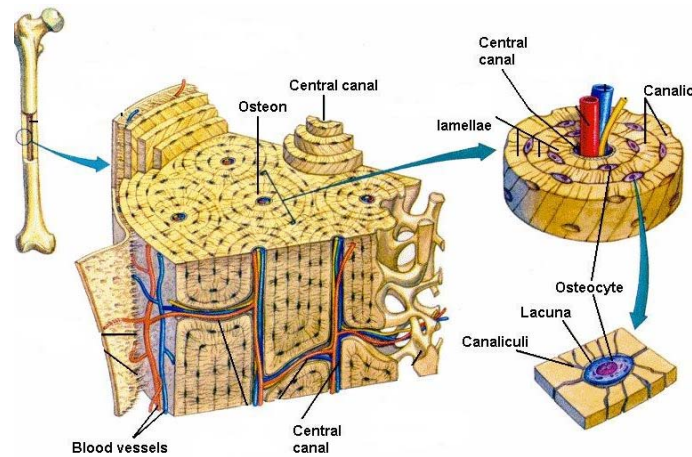
On the first microscope you can ID the important bone cells. How can you tell each apart and what is their main function?

1. Osteoblast

2. Osteoclast

3. Osteocyte

Osteon: Microscope Two



Look at the osteon!

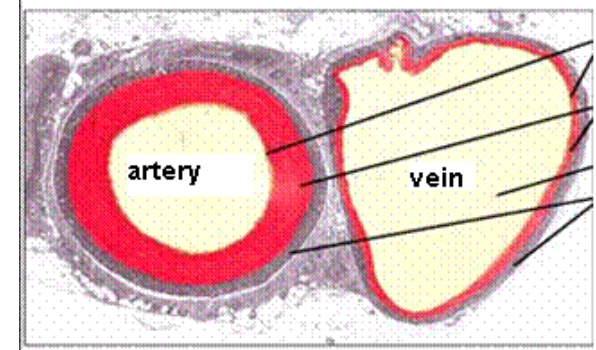
ID:

1. Haversian Canal

2. Volkmann's Canal

Describe each.

Arteries and Veins: Microscope Three



On this microscope, is the arrow pointing to an artery or vein?
How do you know?

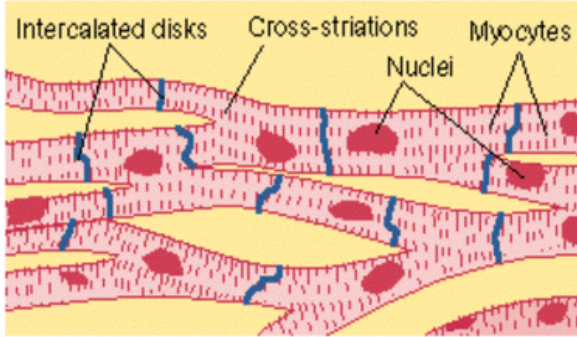
Describe the difference between:

1. Elastic Artery:

2. Muscular Artery:

3. Arteriole:

**Cardiac Muscle:
Microscope Four**



How is cardiac muscle different from:

1. Smooth Muscle
2. Skeletal Muscle

What's an intercalated disc?



**Histology of
Skeletal System
and Circulatory
System**



**Department of
Neuroscience, Cell
Biology and Physiology**