431 Histology team

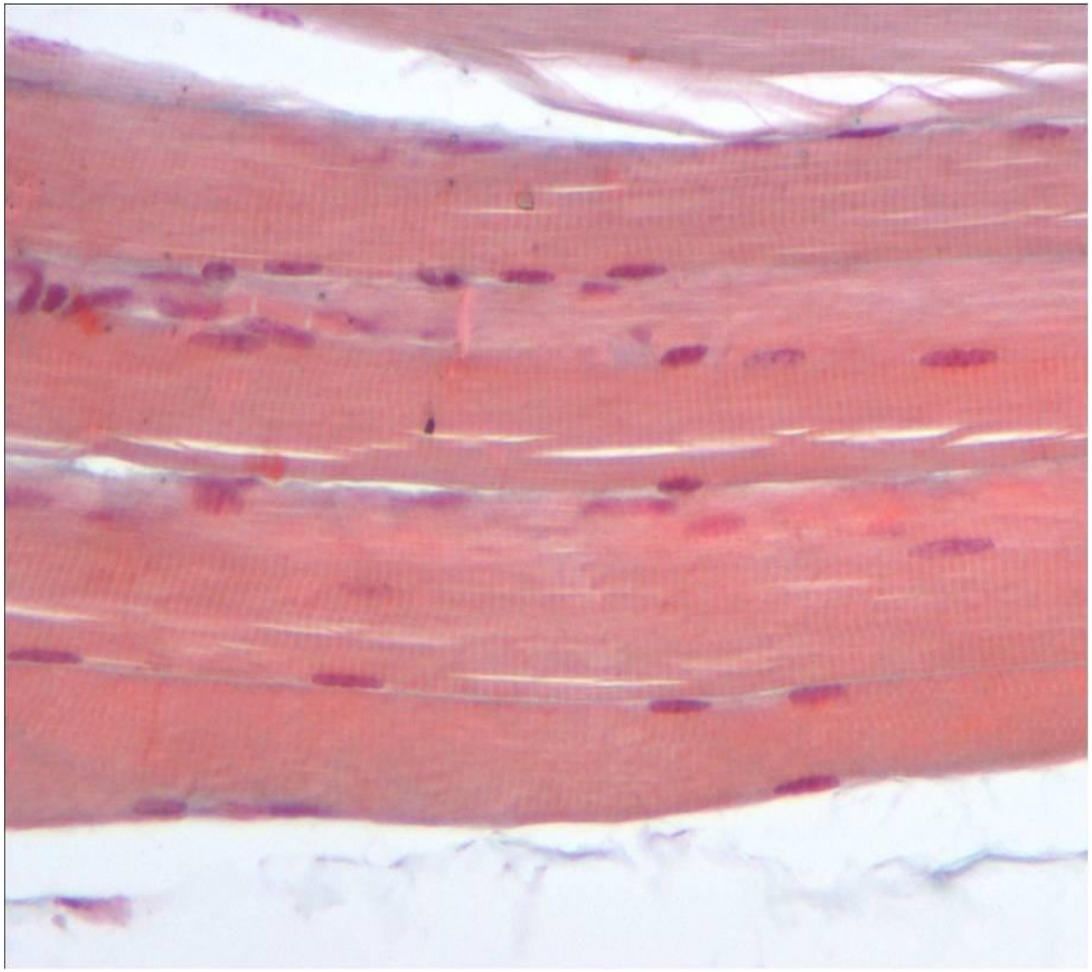
- The important things

1- The name of the slide.

2- Identifying feature.

3- The Site.

1-Skeletal Muscles

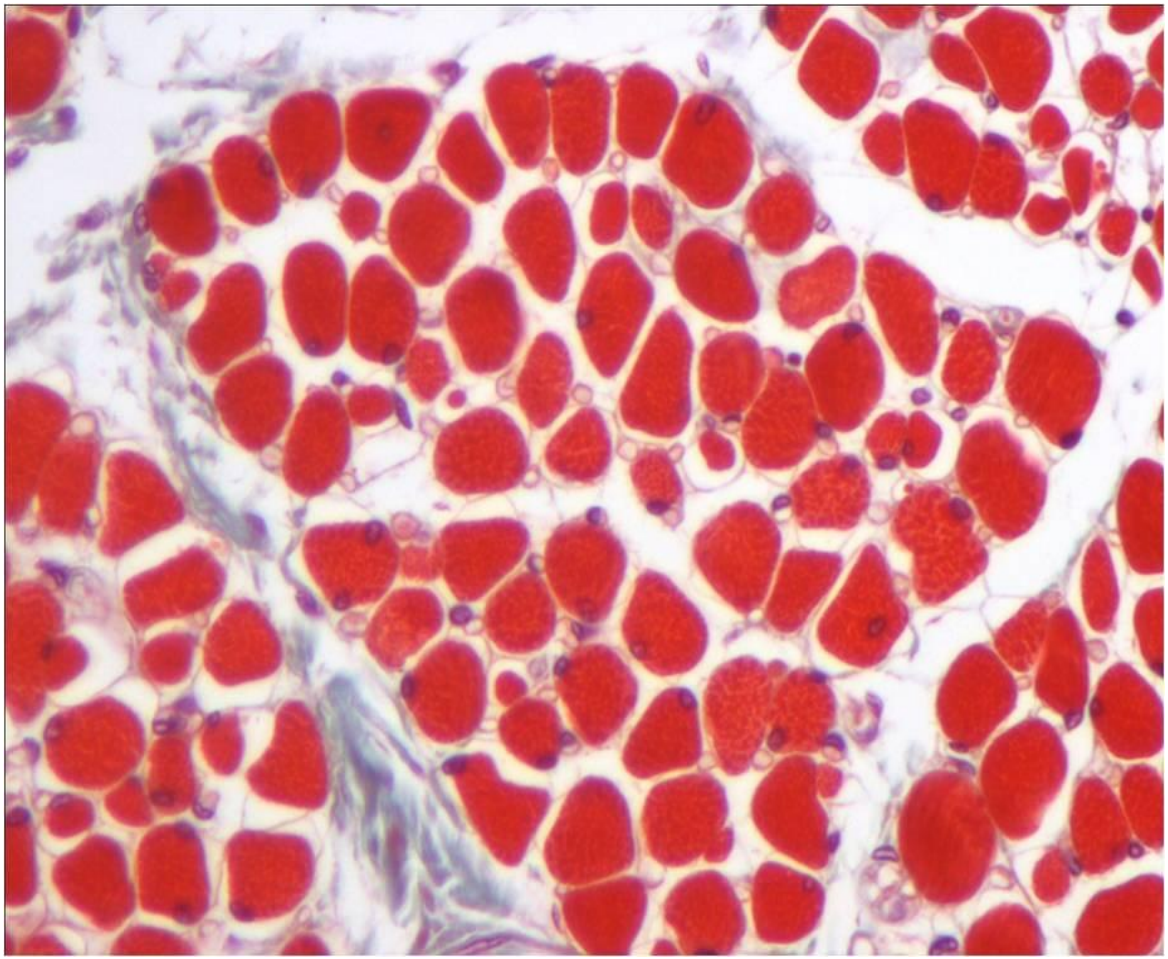


Identifying Feature:

* Transverse Striation.

2- Skeletal Muscle

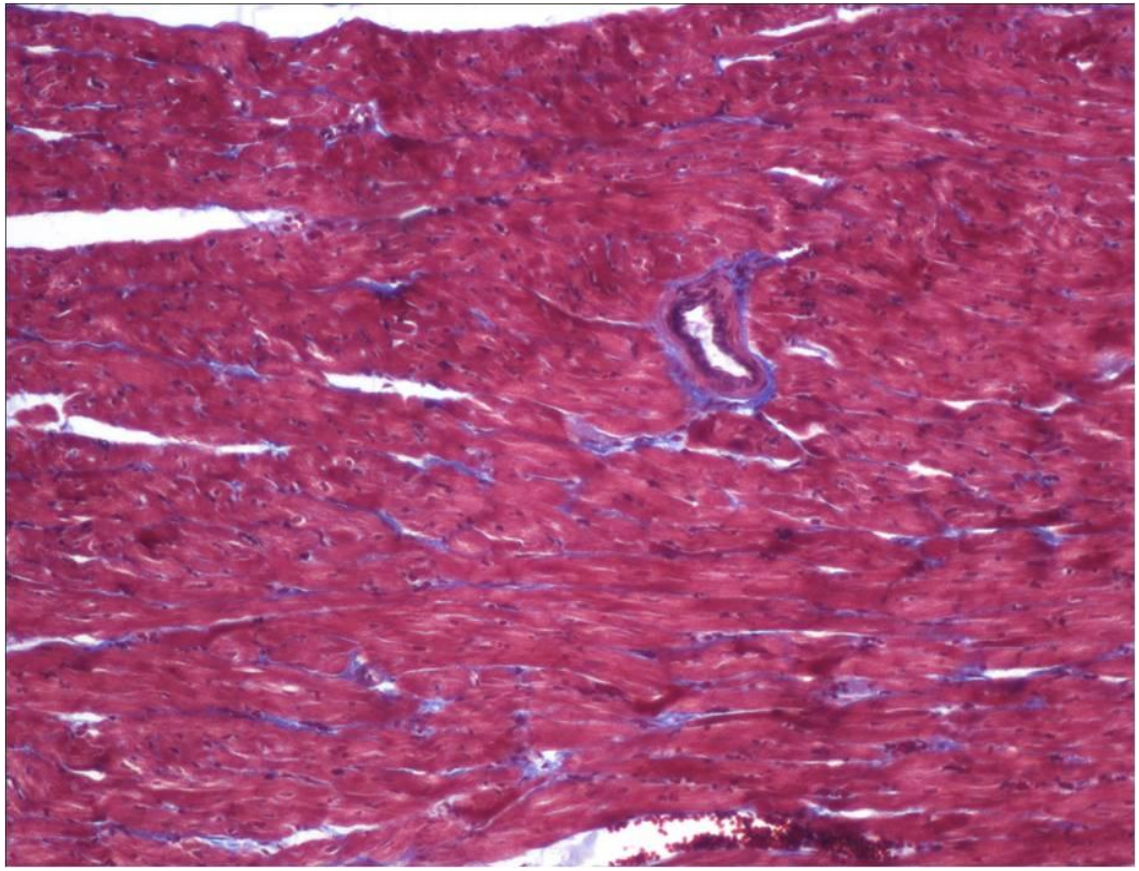
(Transverse section)



Identifying feature:

* Peripheral nuclei

3-Cardiac muscles

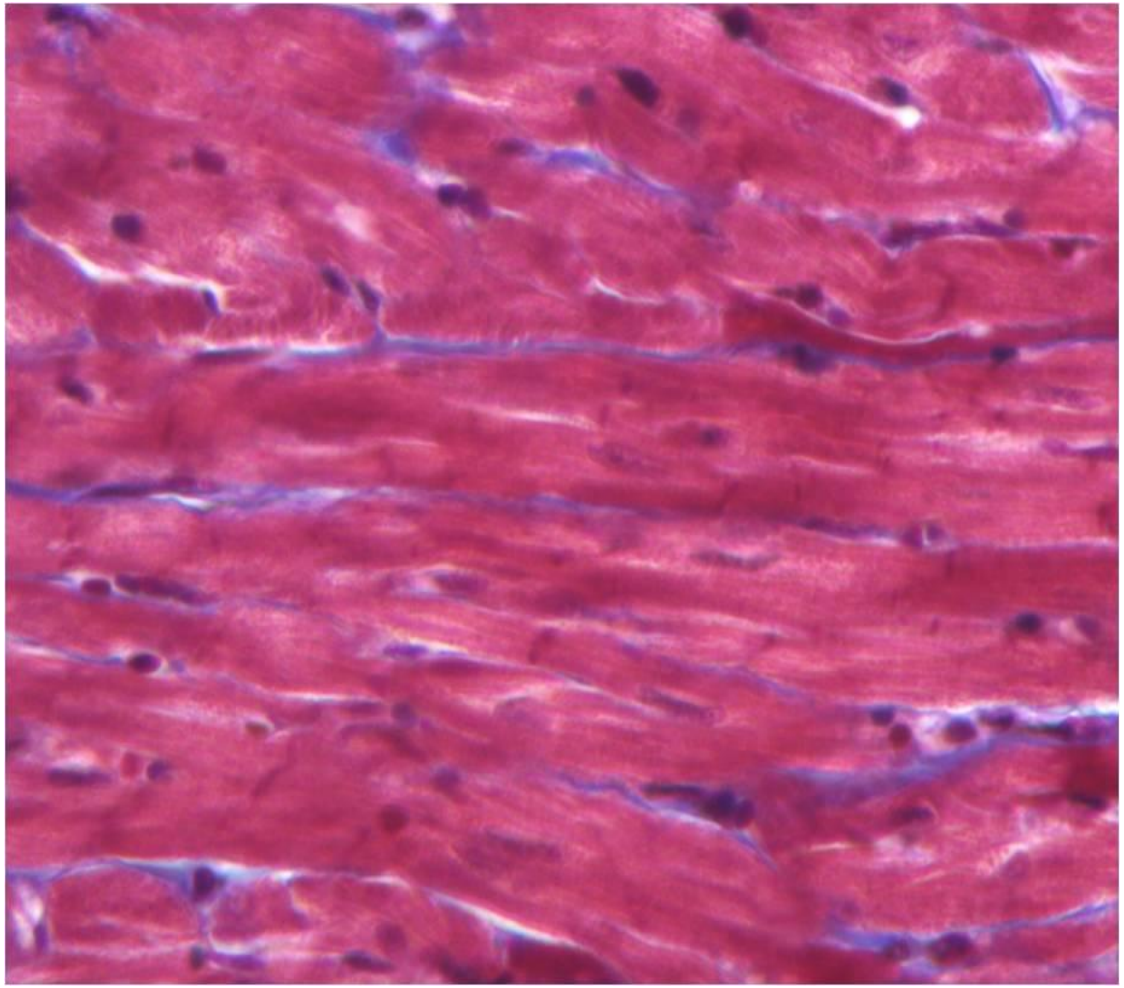


Identifying Features:
1- Intercalated disc.
2- Branching.

*Site:
myocardium.

3- Cardiac Muscle (higher magnification)

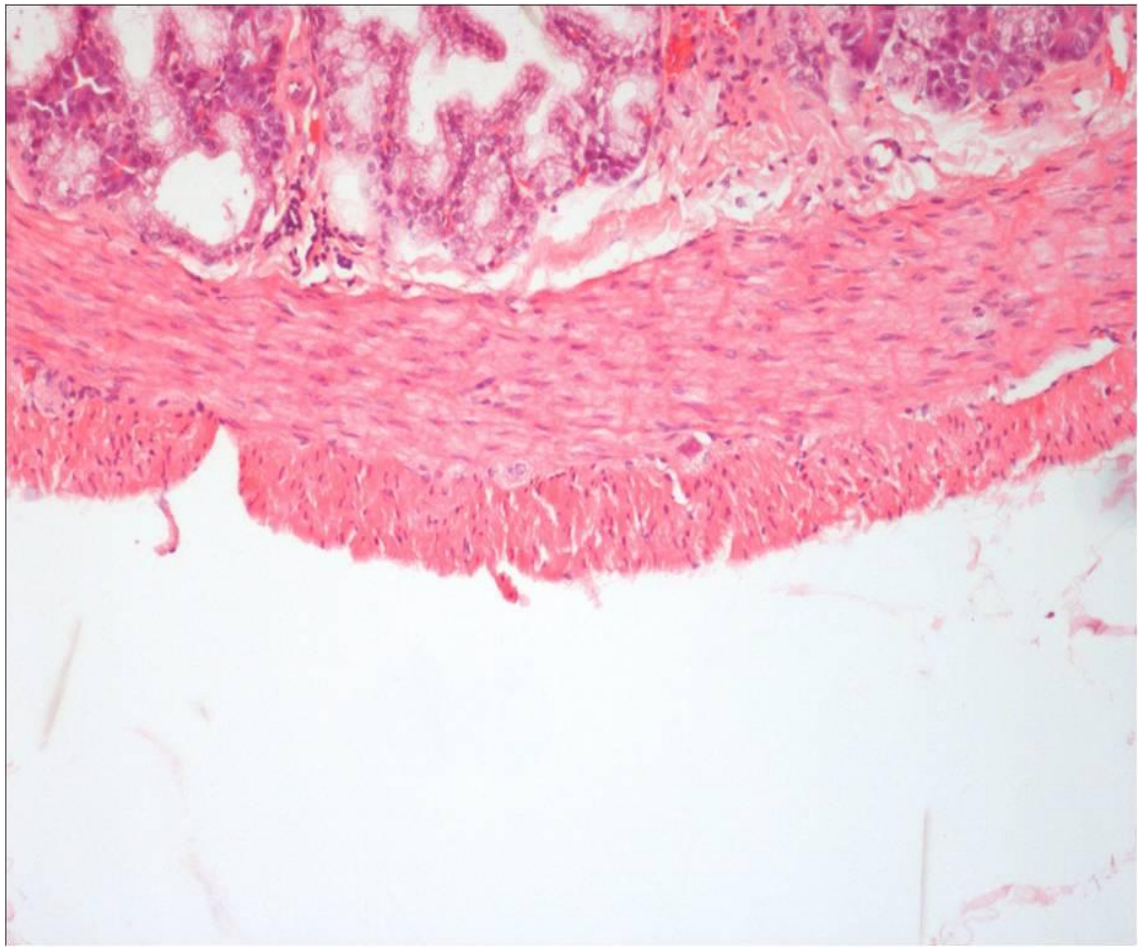
The same info of the previous slide



Identifying Features:
1- Intercalated disc.
2- Branching.

*Site:
myocardium.

4-Smooth Muscle



Identifying feature:
Fusiform fibers.

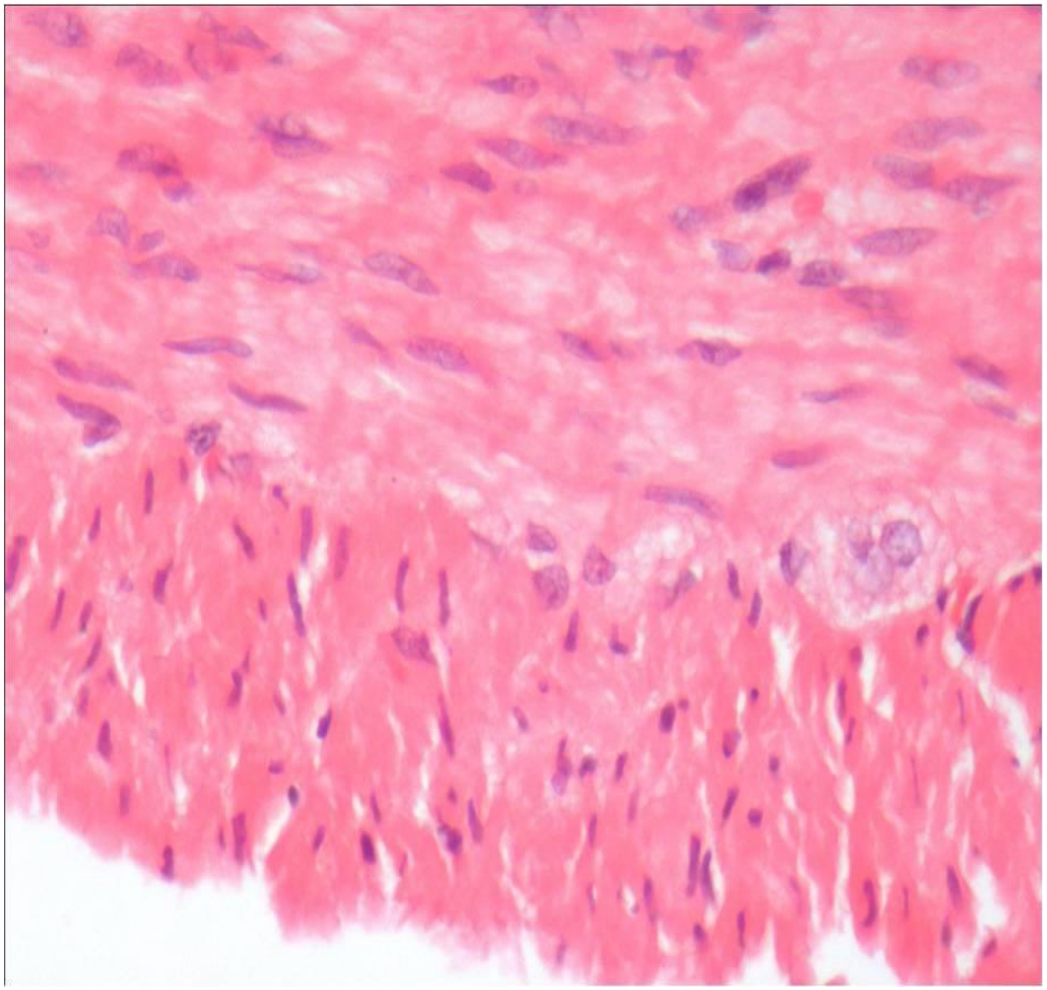
*Site:

1- walls of blood vessels

2- viscera as in stomach and intestine

4-Smooth Muscle (higher magnification)

The same info of the previous slide



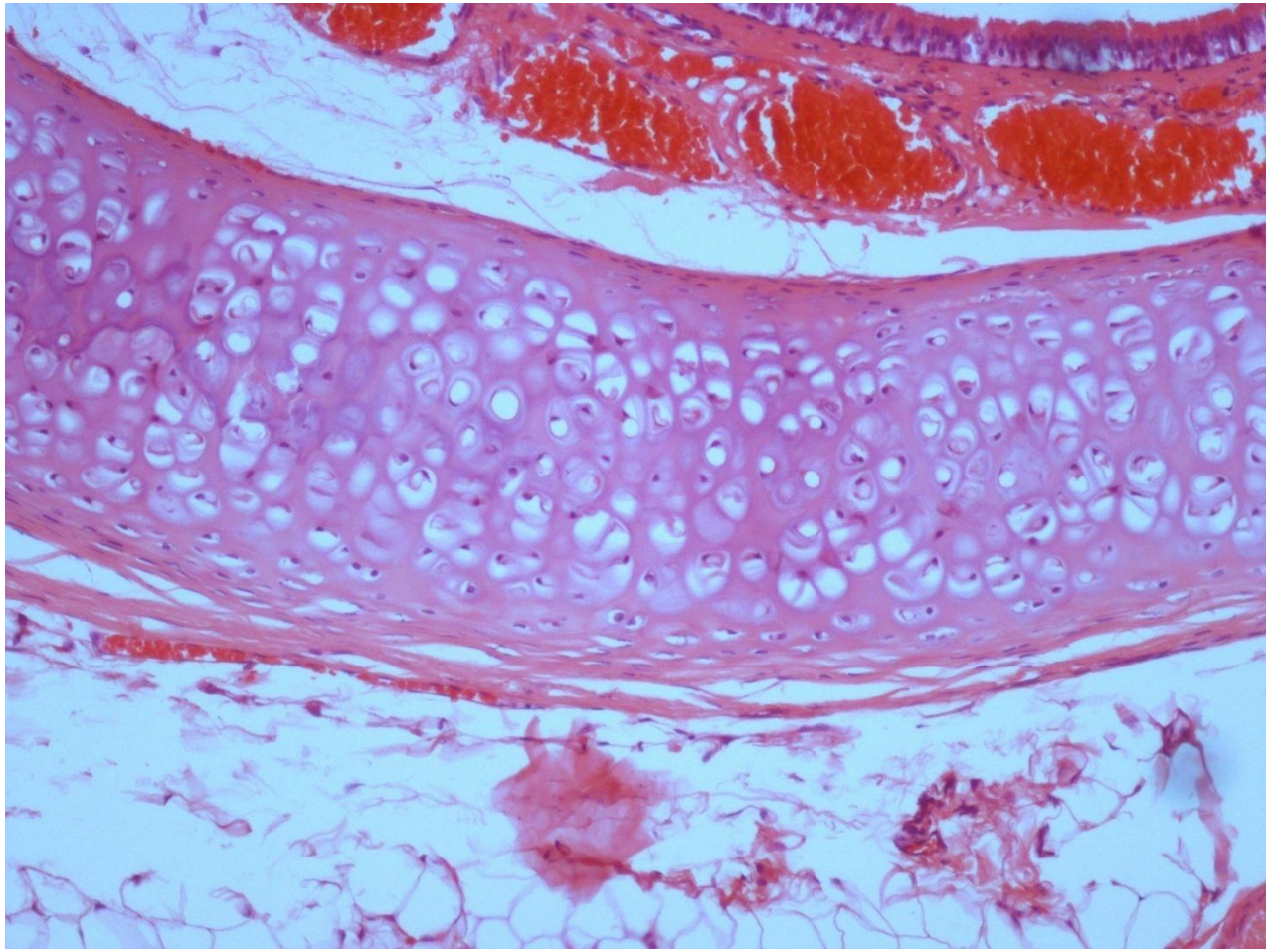
Identifying feature:
Fusiform fibers.

*Site:

1- walls of blood vessels

2- viscera as in stomach and intestine

5-Hyaline Cartilage



Identifying Feature:

Glass appearance matrix.

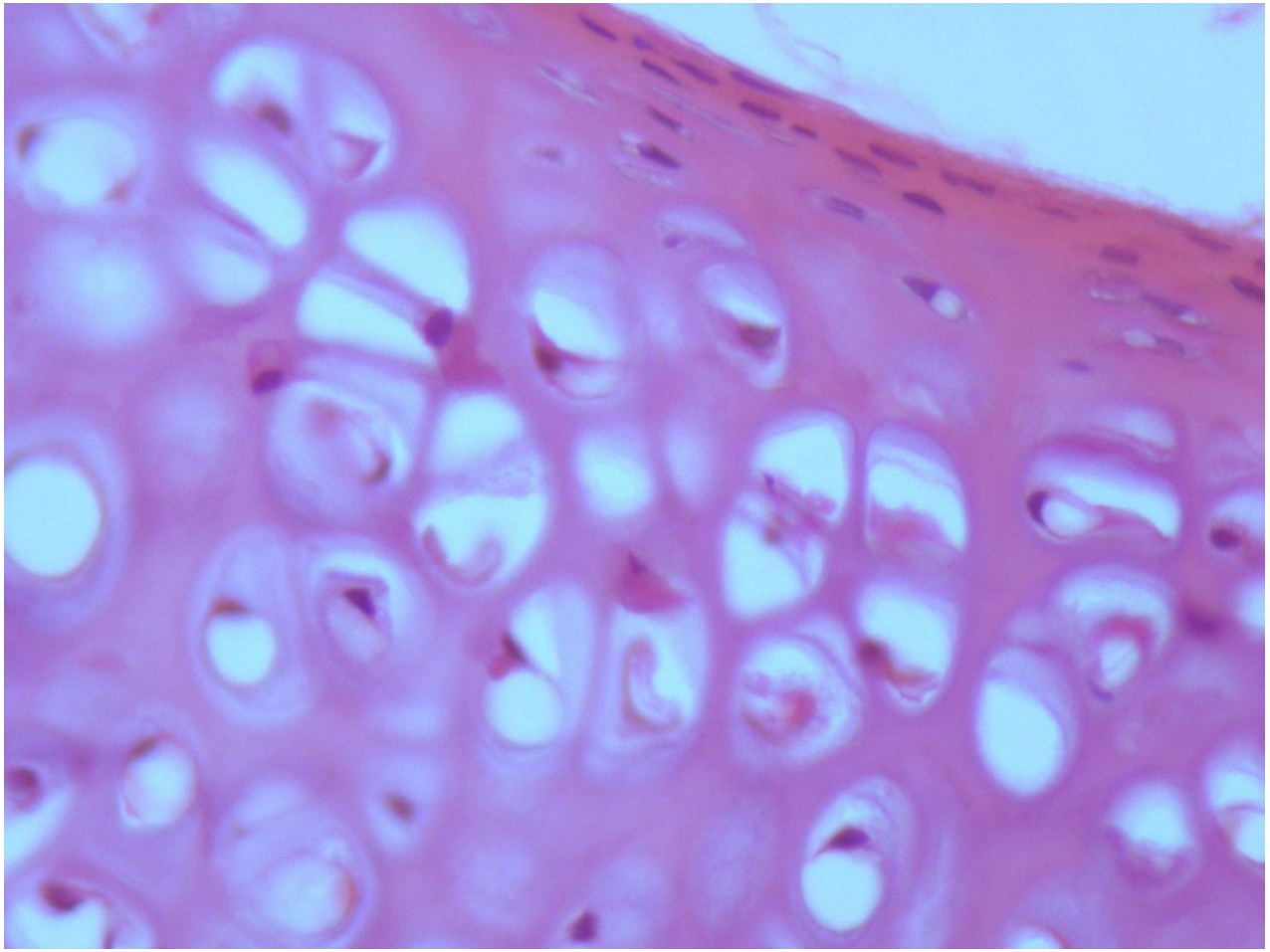
*Site:

1-Nose, trachea and bronchi.

2-Articular surface of bone.

5-Hyaline Cartilage (higher magnification)

The same info of the previous slide



Identifying Feature:

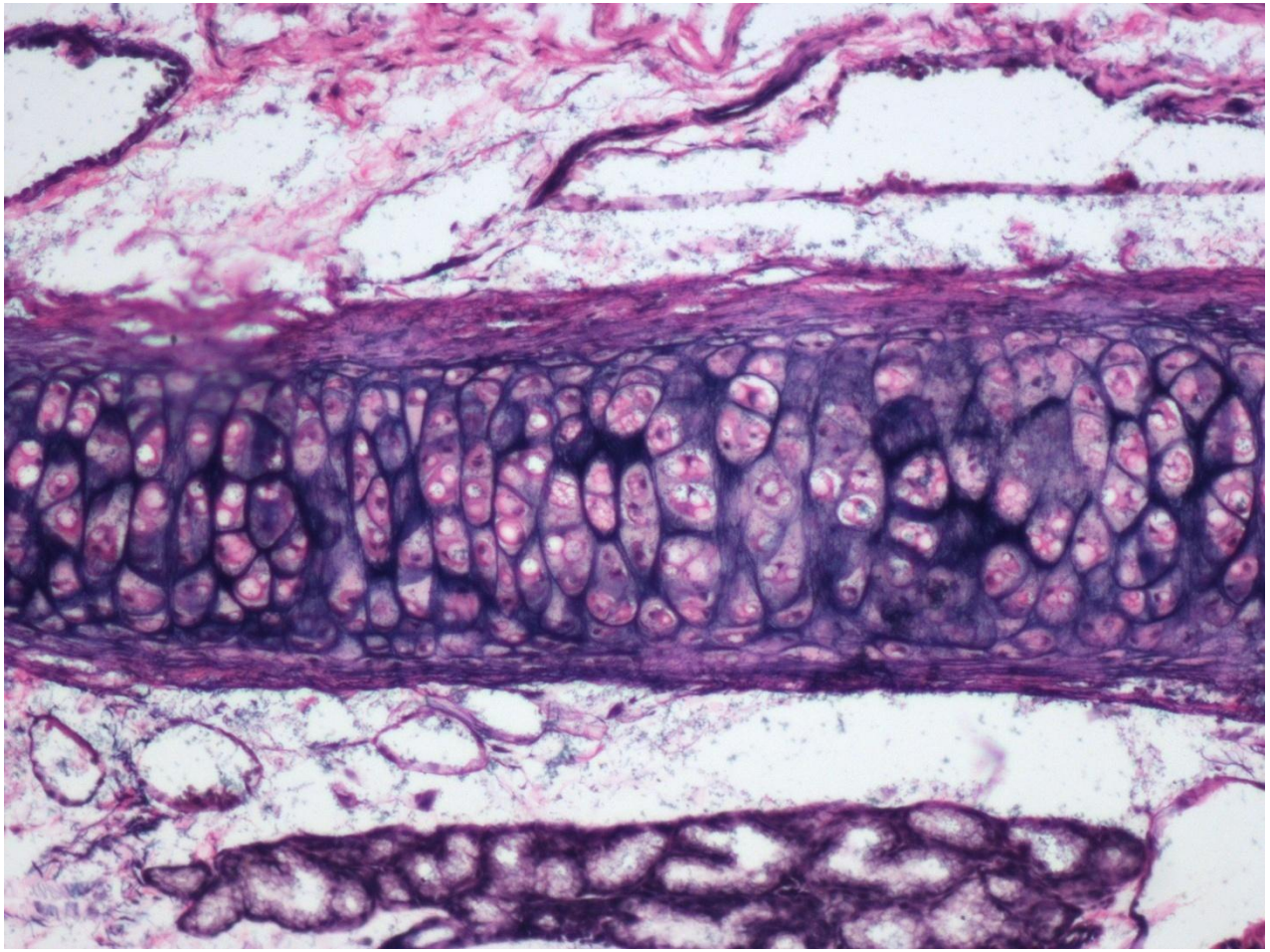
Glass appearance matrix.

*Site:

1-Nose, trachea and bronchi.

2-Articular surface of bone.

6-Elastic Cartilage

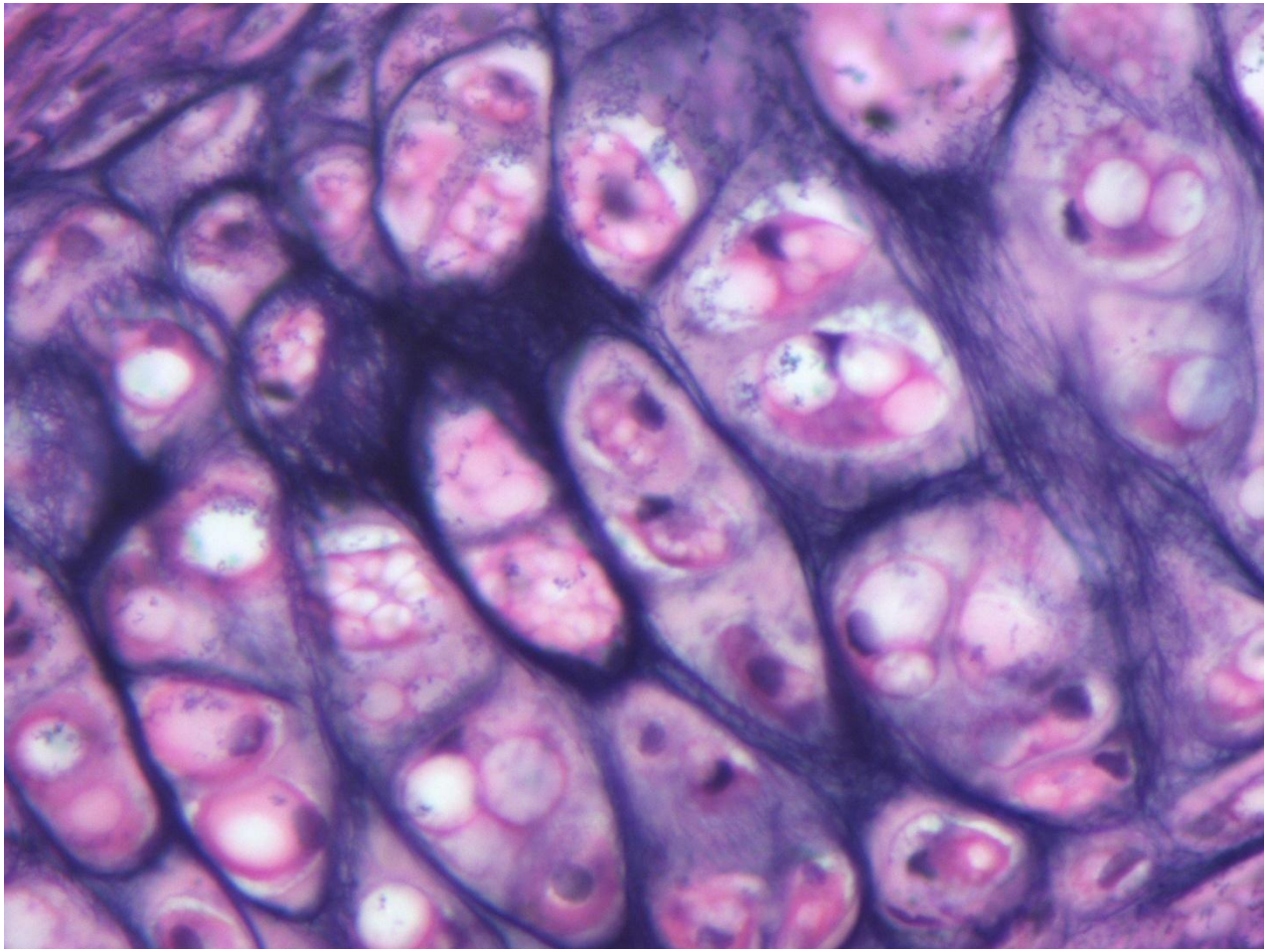


Identifying Features:
1- Basophilic Matrix.
2- Elastic Fibers.

*Site:
1-External Ear.
2-Epiglottis.

6-Elastic Cartilage (higher magnification)

The same info of the previous slide



Identifying Features:

1- Basophilic Matrix.

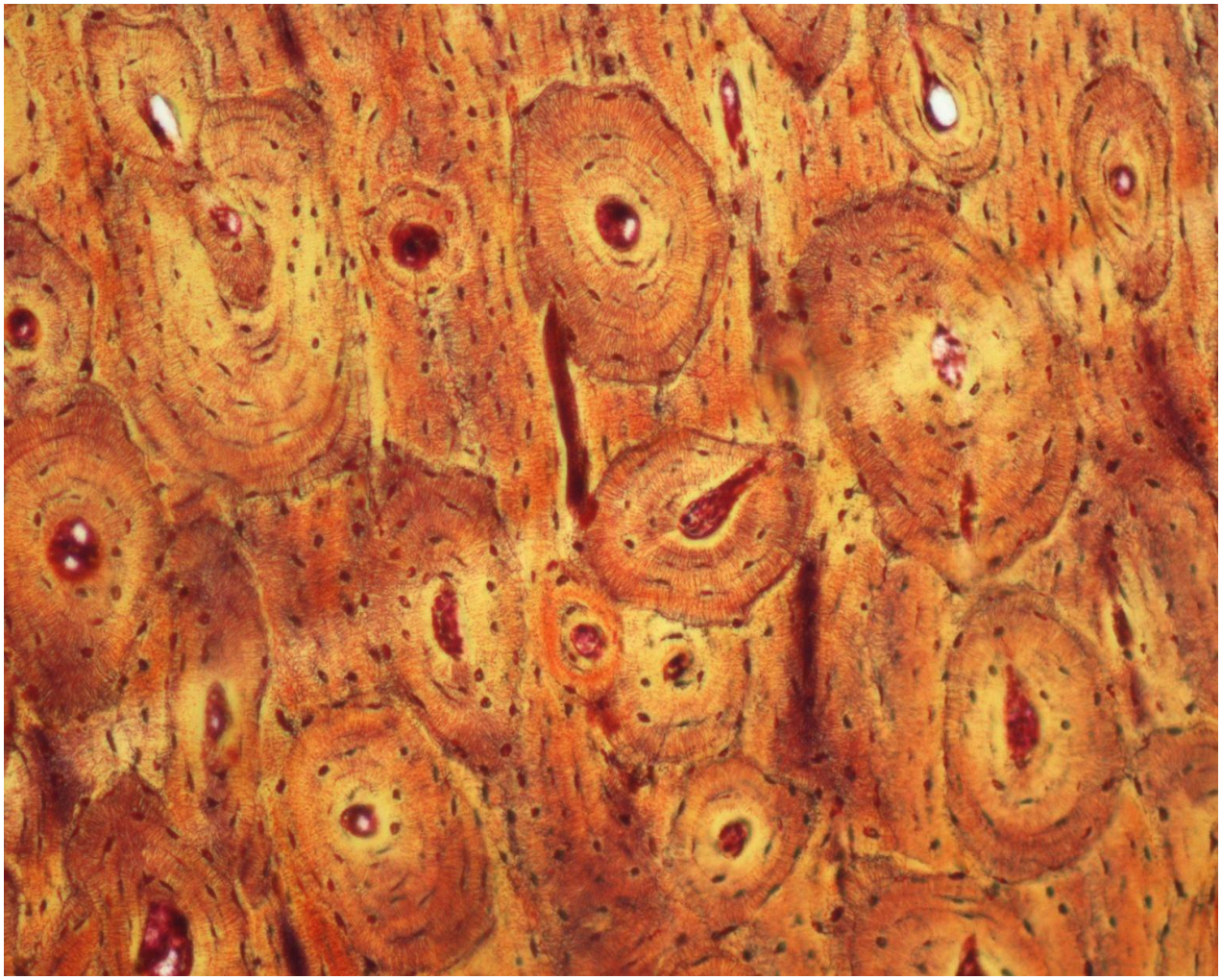
2- Elastic Fibers.

*Site:

1-External Ear.

2-Epiglottis.

7-Compact Bone

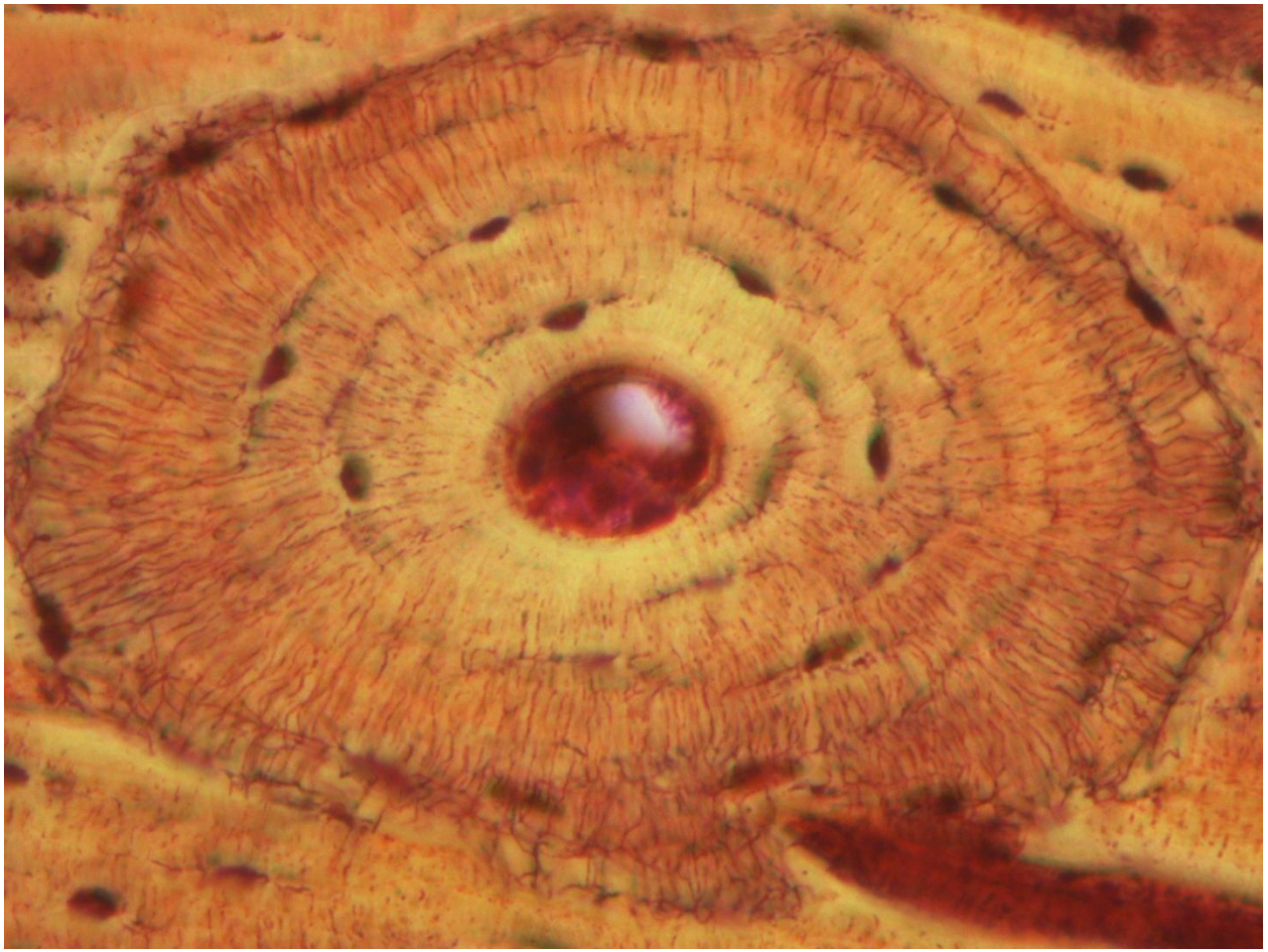


Identifying Feature:
Haversian System (osteon)

* Site:
Found in diaphysis of long bones.

7-Compact Bone (higher magnification)

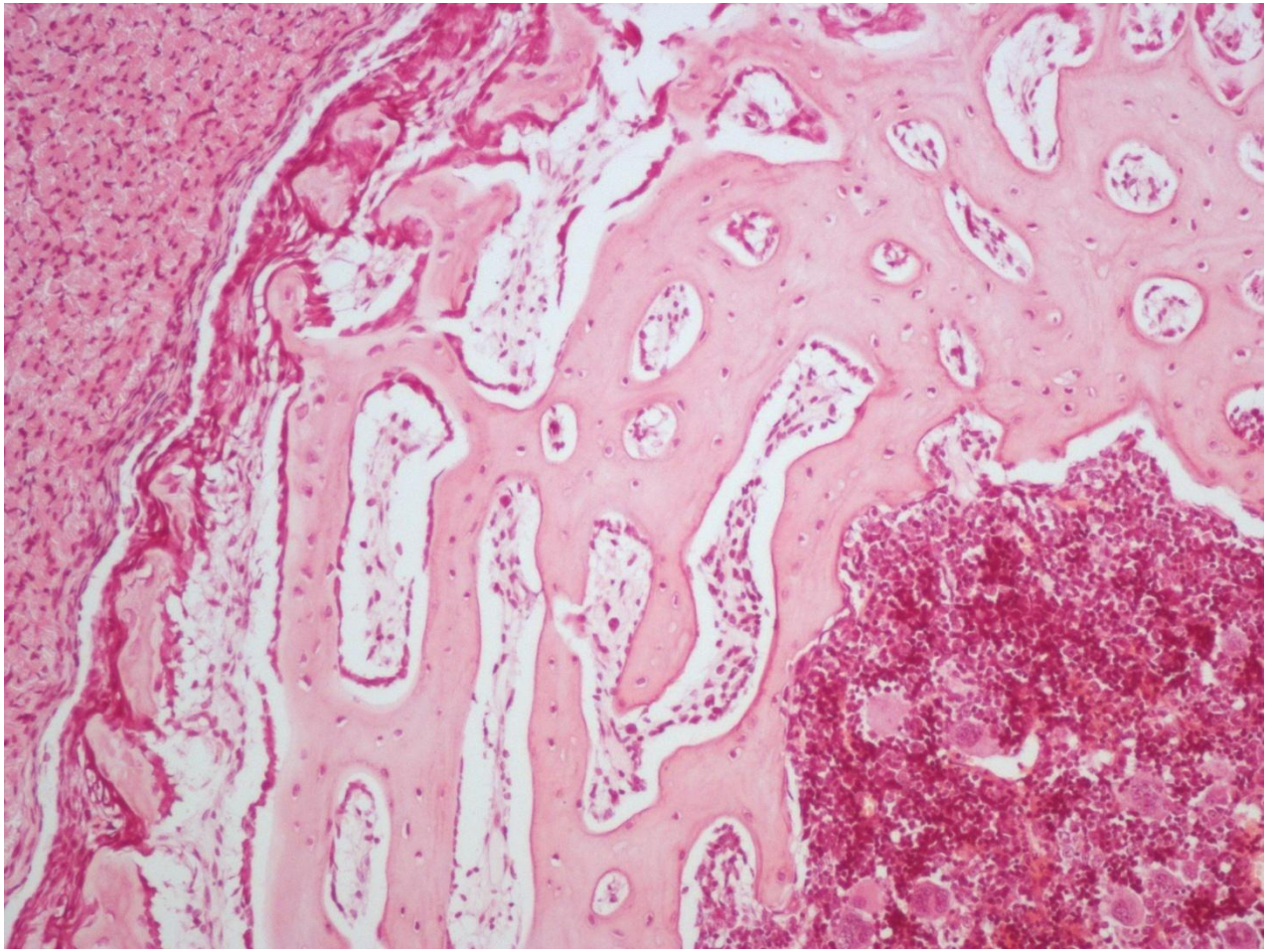
The same info of the previous slide



Identifying Feature:
Haversian System (osteon)

* Site:
Found in diaphysis of long bones.

8-Spongy Bone or Cancellus

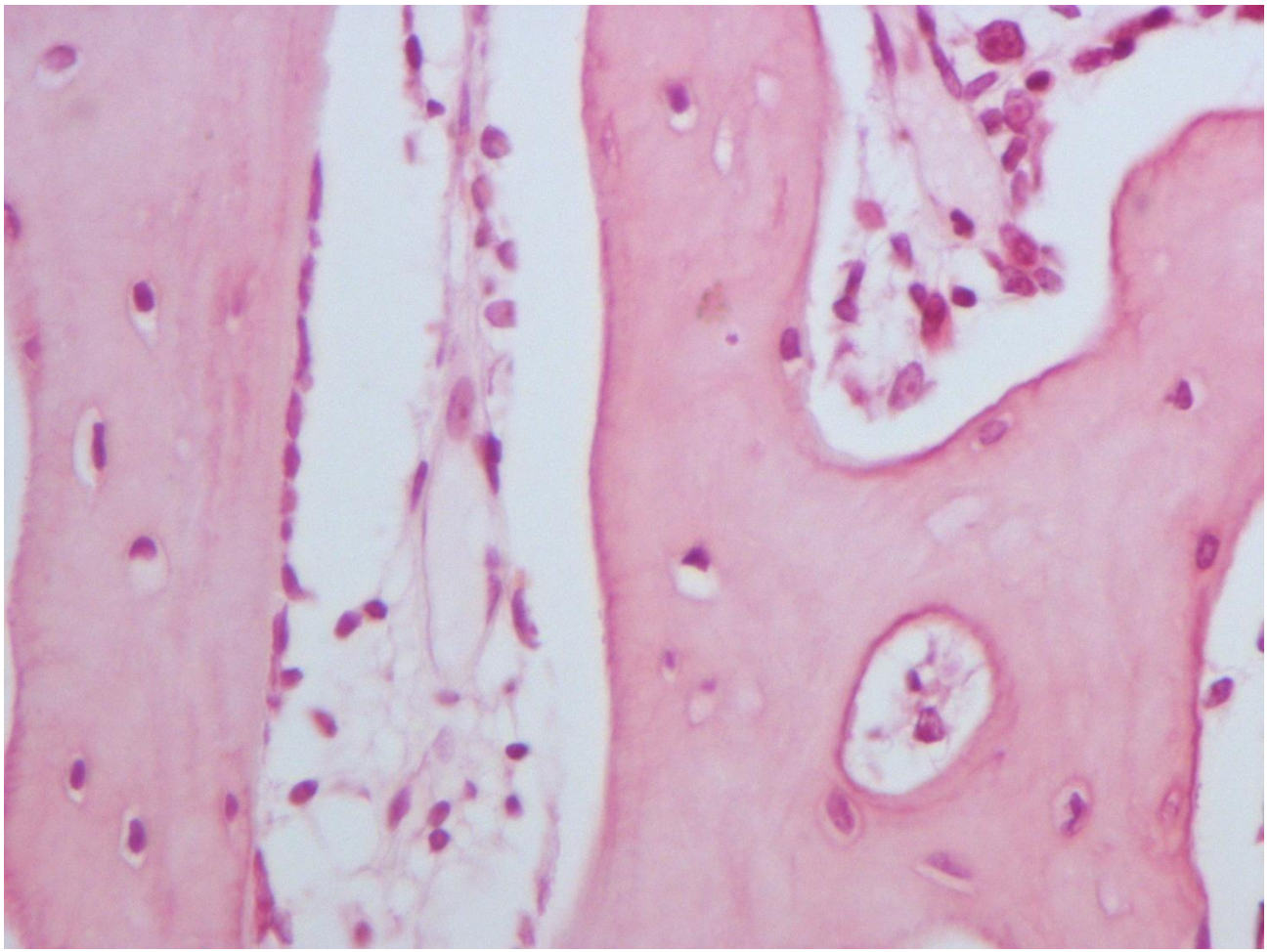


Identifying Feature:
Irregular bone trabeculae separated by irregular bone marrow spaces.

*Site:
Found in flat bones and epiphysis of long bones.

8-Spongy Bone or Cancellus (higher magnification)

The same info of the previous slide



Identifying Feature:
Irregular bone trabeculae separated by irregular bone marrow spaces.

*Site:
Found in flat bones and epiphysis of long bones.