

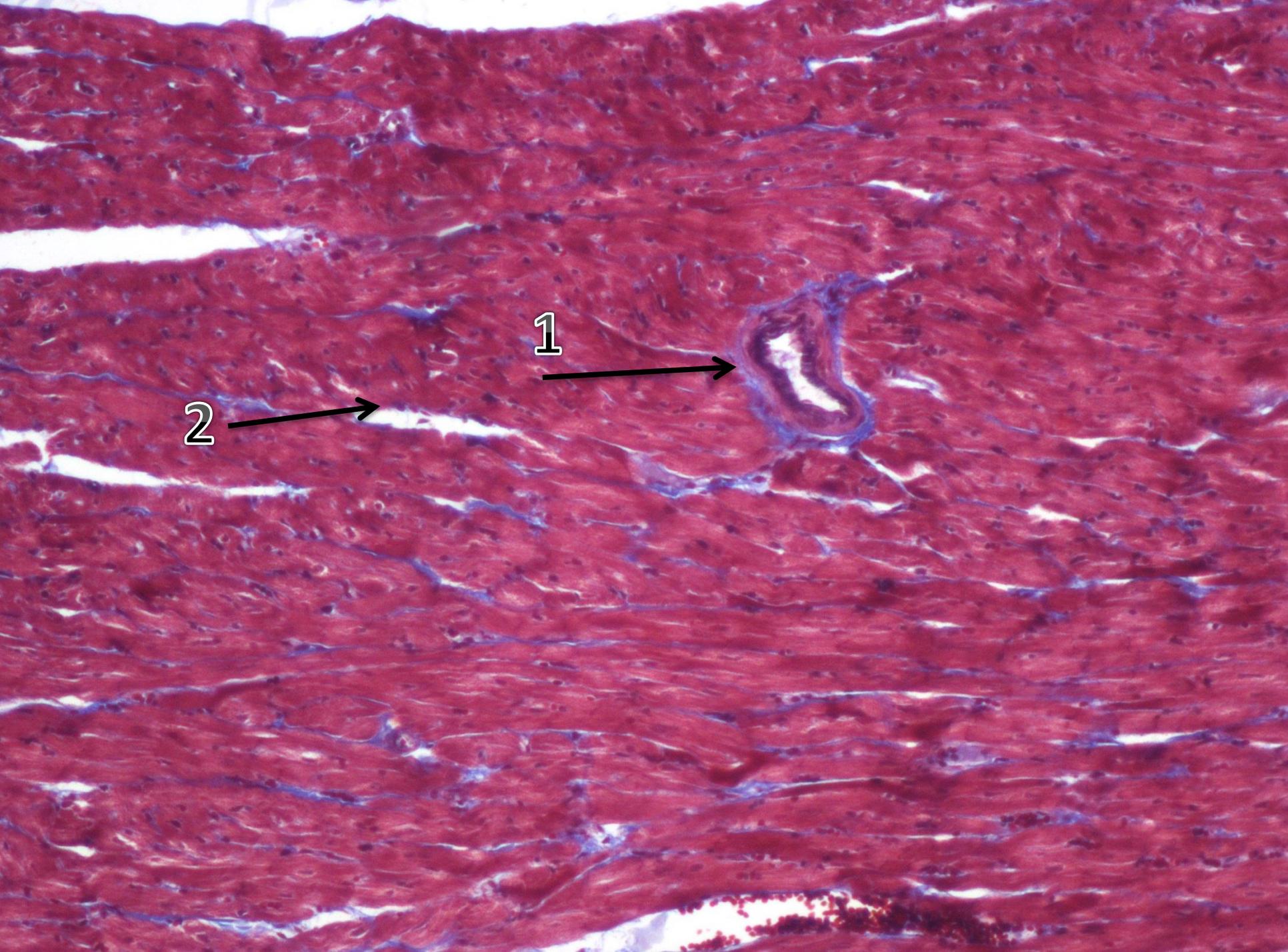
Histology Practical notes on Histology of Muscles Musculoskeleton Block

Done by : Histology Team

*These notes are approved by Dr. Raesa

There are 3 types of muscles (Muscle fibers):

1. Skeletal
2. Cardiac
3. Smooth



1

2

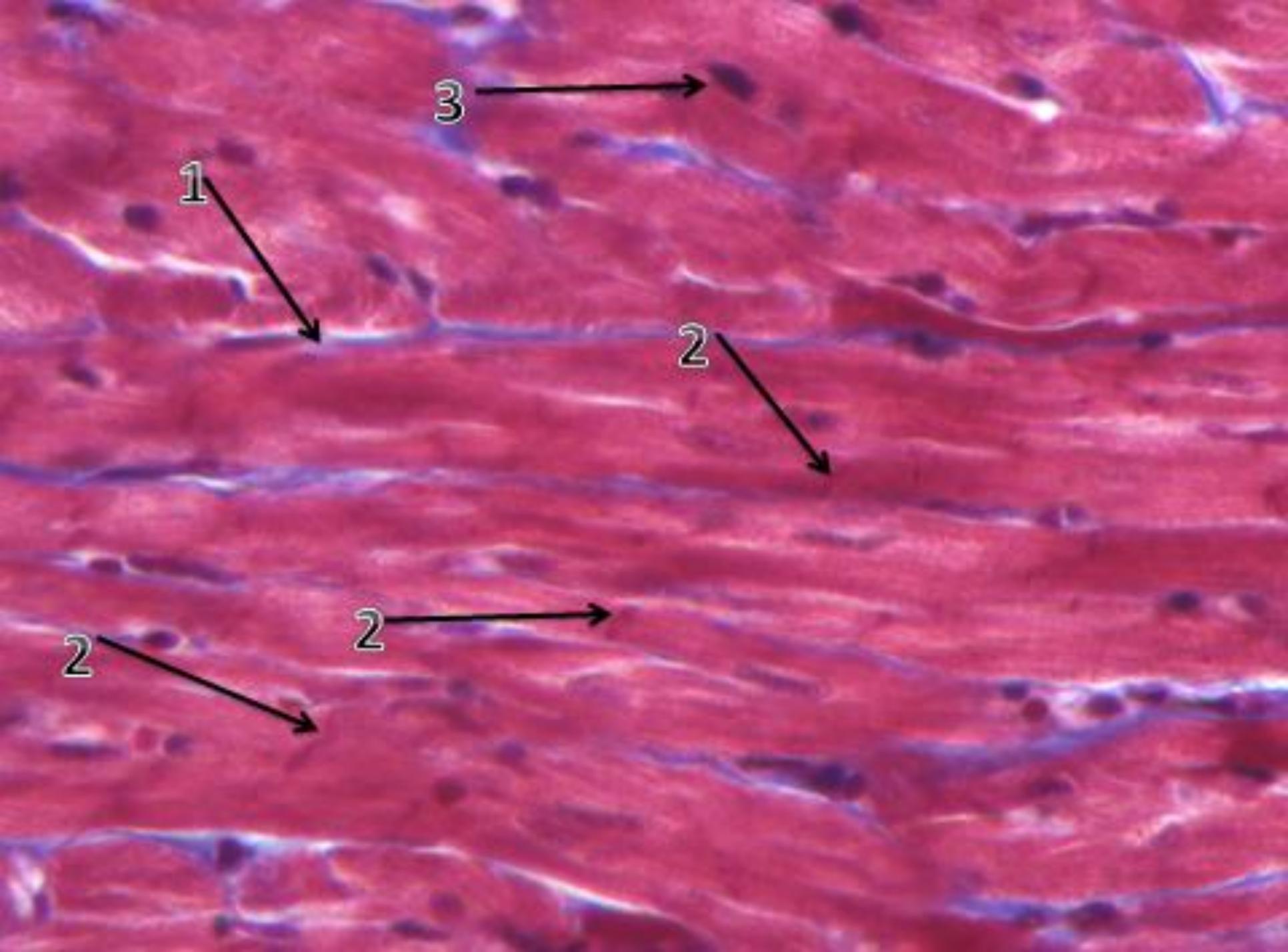
Cardiac Muscle

1- Blood vessel

2- connective tissue (Endomysium)

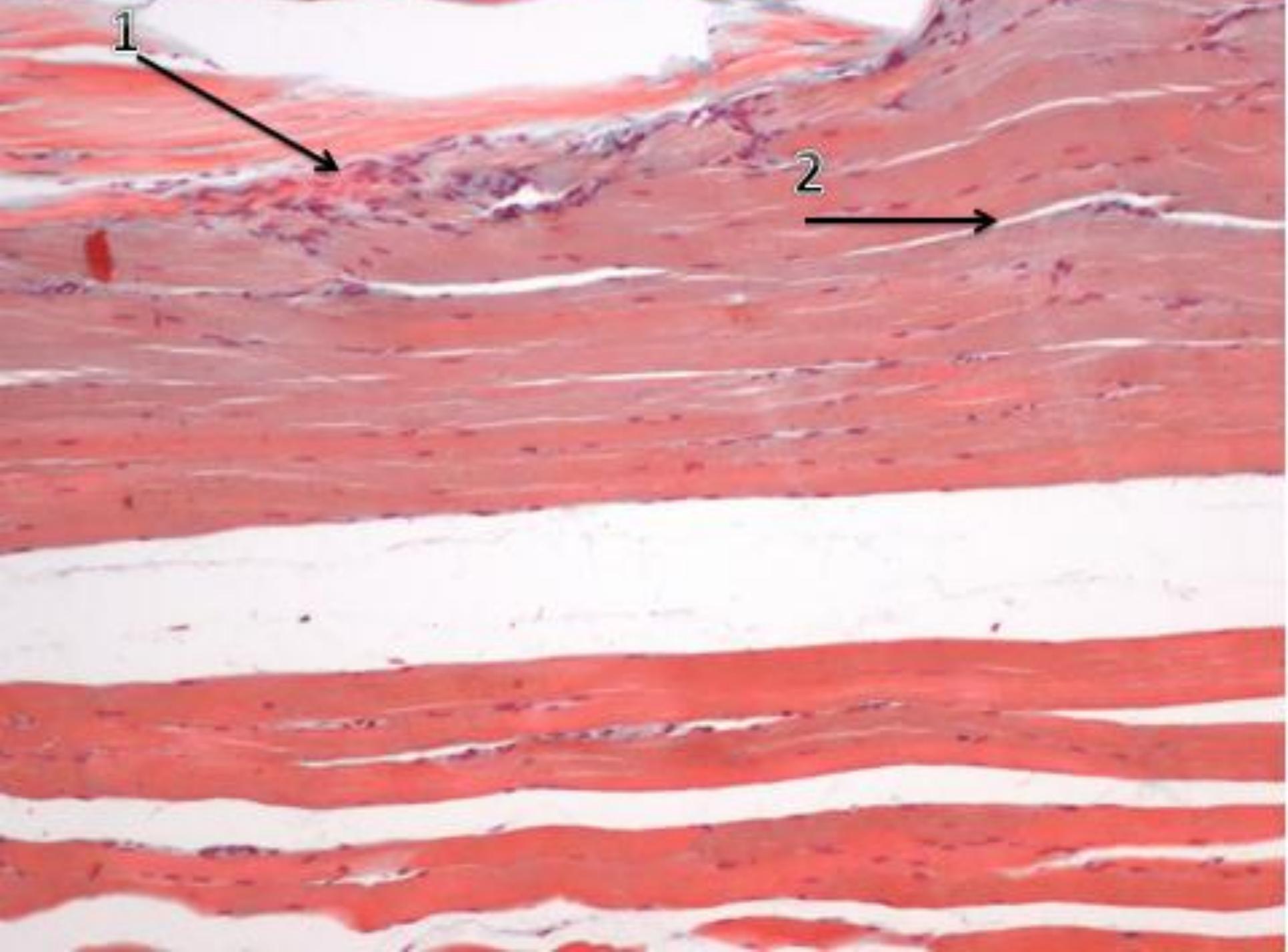
Sites:

myocardium



Cardiac Muscle (With higher magnification)

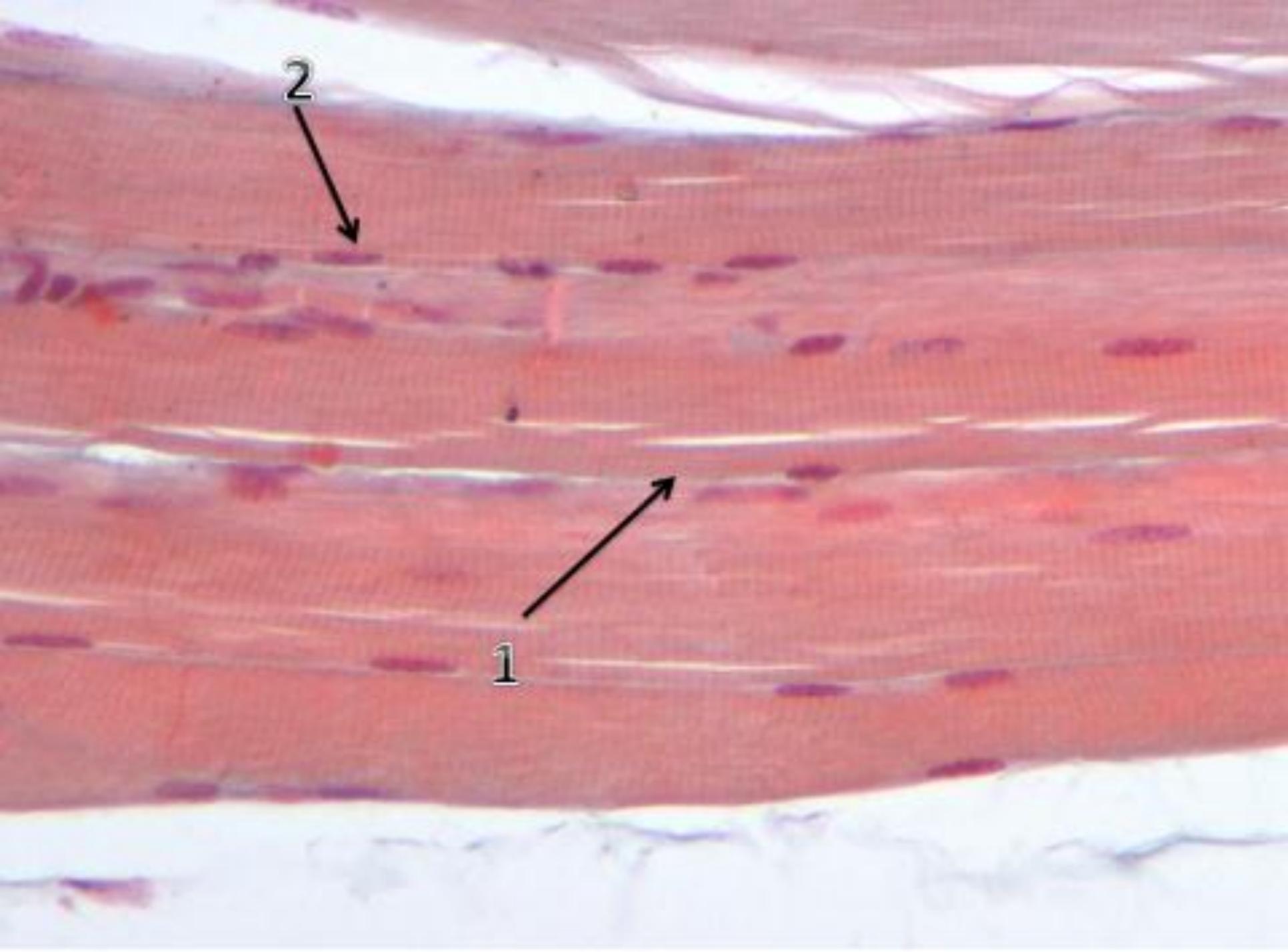
1. Connective Tissue (Endomysium)
2. Intercalated Discs
3. Nuclie: Central, Oval and Mononucleated



Skeletal Muscle L

1-perimysium

2-Connective tissue (Endomysium)



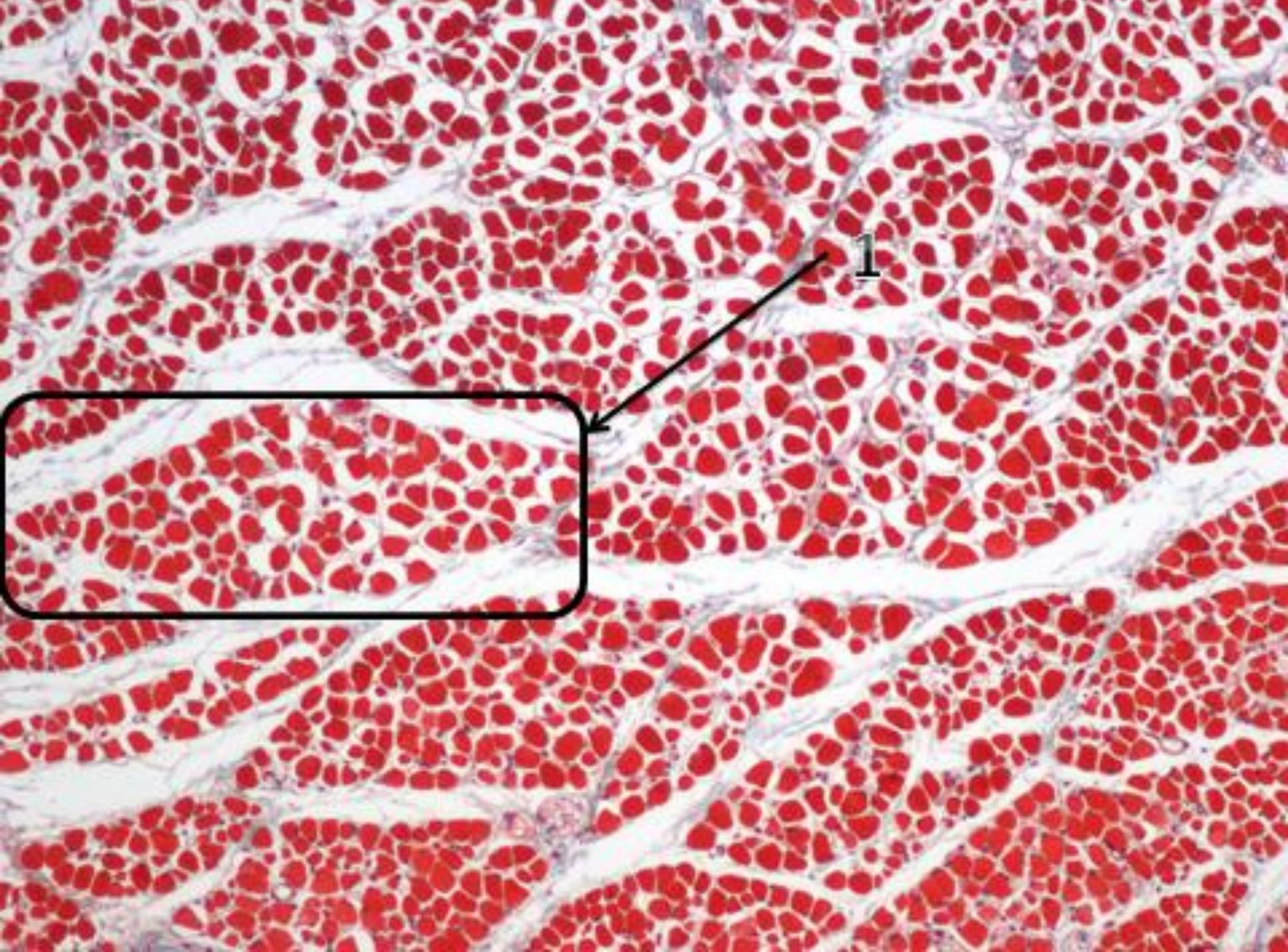
2

1

Skeletal Muscle L (with higher magnification)

1- connective tissue (endomysium)

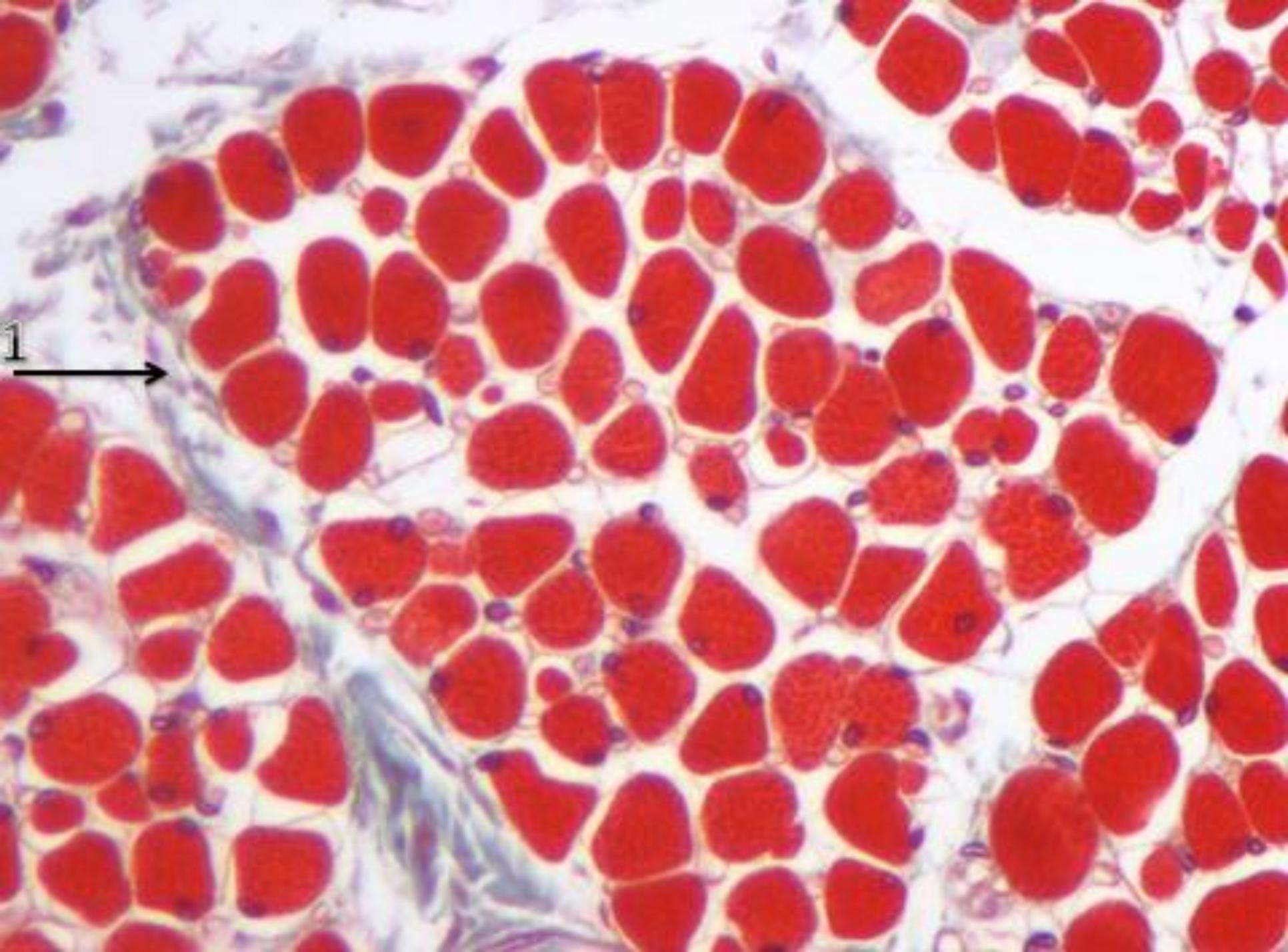
2-nuclei: Multinucleated and peripherally



1

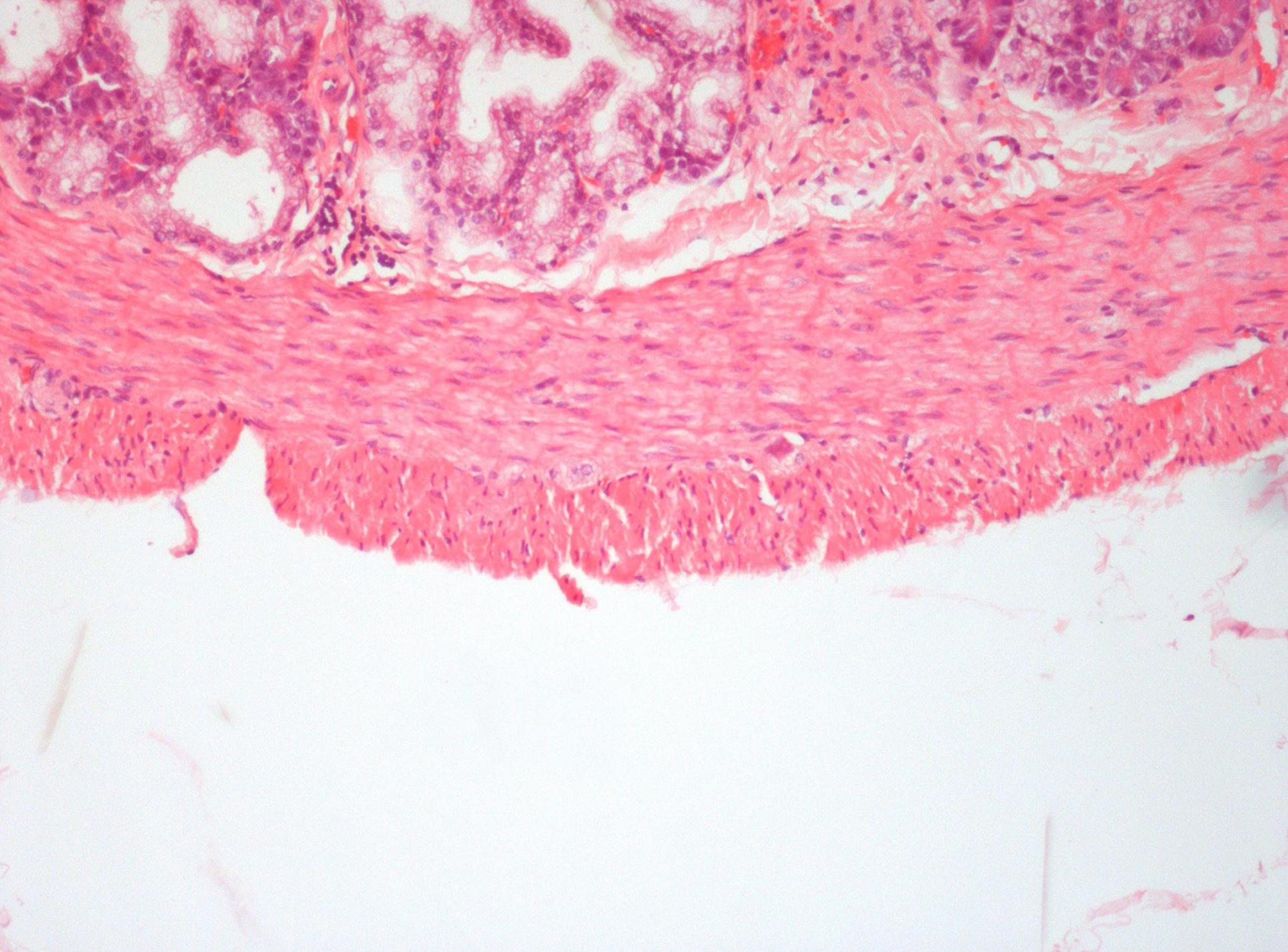
Skeletal Muscle T

1-skeletal bundle



Skeletal Muscle T (with higher magnification)

1-perimysium

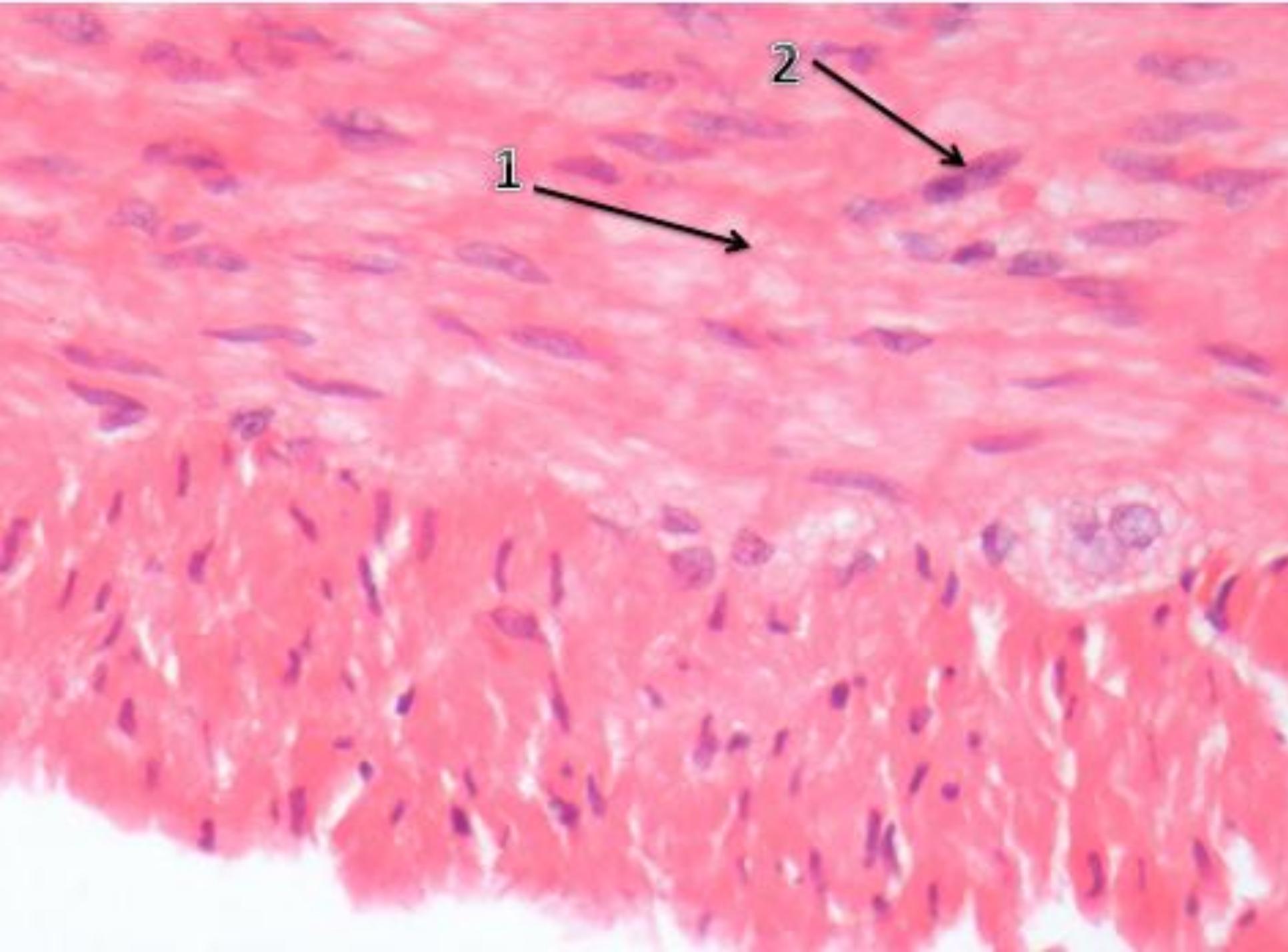


Smooth Muscle

Sites:

1- walls of blood vessels

2- viscera as in stomach and intestine



1

2

Smooth Muscle (with higher magnification)

- 1- Fibers: Fusiform in shape (spindle-shaped)
- 2- Nuclei: Mononucleated, oval & central in position.

approved by Dr. Raesa

good luck all