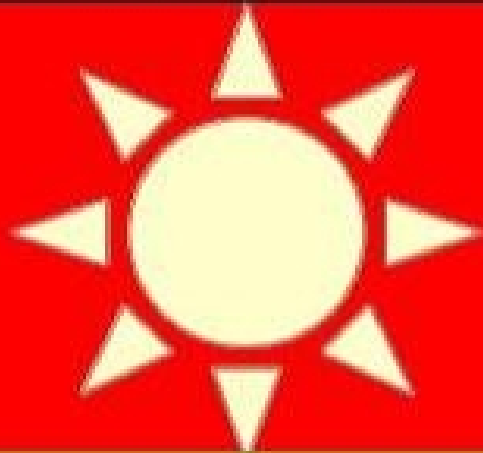


# *Anand's Atlas of Histology*



***Major.Dr.A.Anand***

# ANAND'S ATLAS OF HISTOLOGY

WEB VERSION – 1.0

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ANAND'S ATLAS OF HISTOLOGY

THIS ATLAS WILL SERVE AS A RAPID REFERENCE  
HANDBOOK FOR UNDERGRADUATE MEDICAL  
STUDENTS AND POSTGRADUATES PRIOR TO  
EXAMS

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ANAND'S ATLAS OF HISTOLOGY

THIS BOOK IS DIVIDED INTO TWO SECTIONS  
EACH SECTION CONTAINS COLOUR PLATES  
EACH COLOUR PLATE CONTAINS PICTURES IN  
10X AND 40X VIEWS  
EACH COLOUR PLATE IS FOLLOWED BY A  
FEW IDENTIFICATION POINTS OF THE  
PICTURE

SECTION – 1 = GENERAL HISTOLOGY

SECTION – 2 = SYSTEMIC HISTOLOGY

# SECTION – 1

# GENERAL HISTOLOGY

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# LIST OF COLOUR PLATES

SMOOTH MUSCLE

SKELETAL MUSCLE

CARDIAC MUSCLE

HYALINE CARTILAGE

WHITE FIBROCARTILAGE

ELASTIC CARTILAGE

COMPACT BONE – LONGITUDINAL SECTION

COMPACT BONE – TRANSVERSE SECTION

# LIST OF COLOUR PLATES

LOOSE AREOLAR TISSUE

ADIPOSE TISSUE

THICK SKIN

THIN SKIN

PERIPHERAL NERVE – LONGITUDINAL SECTION

PERIPHERAL NERVE – TRANSVERSE SECTION

ELASTIC ARTERY

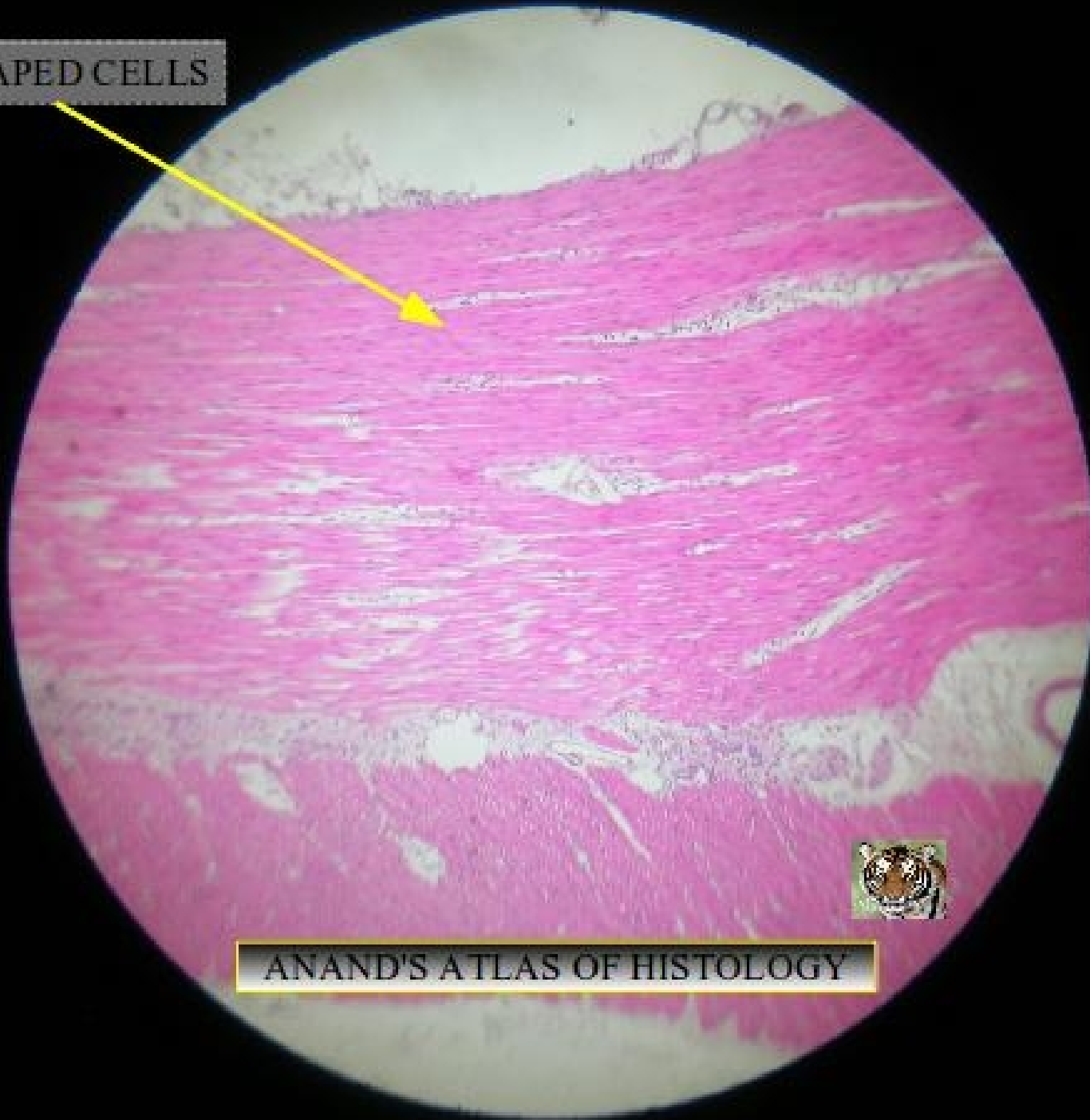
MUSCULAR ARTERY

LARGE VEIN



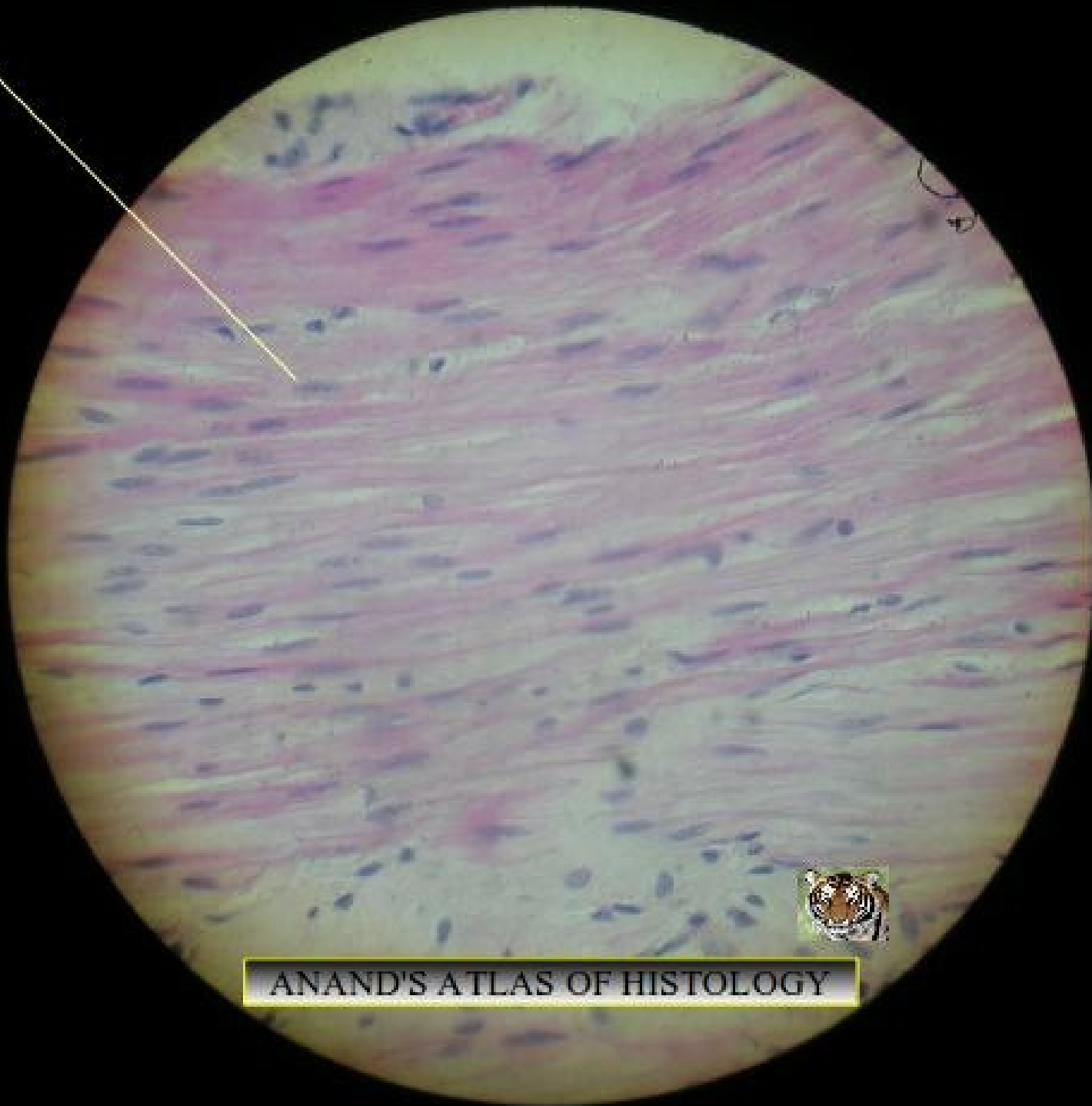
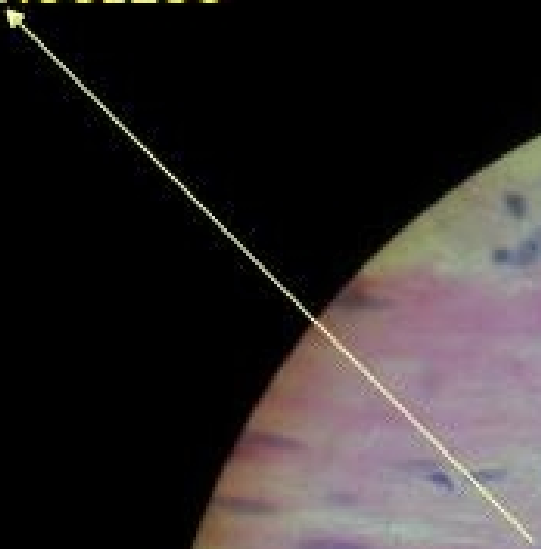
# SMOOTH MUSCLE

SPINDLE SHAPED CELLS



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CENTRAL NUCLEUS



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# SMOOTH MUSCLE

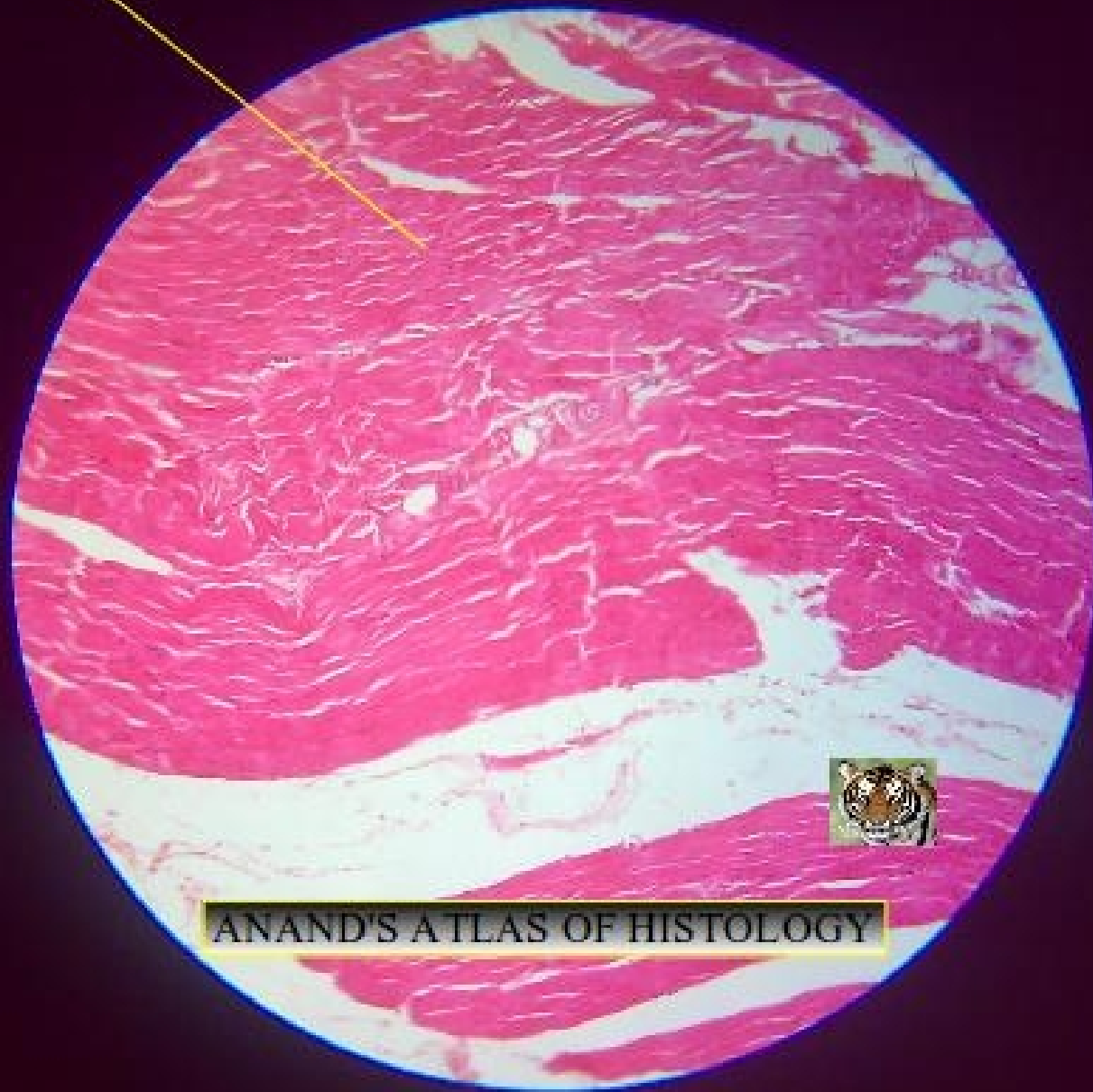
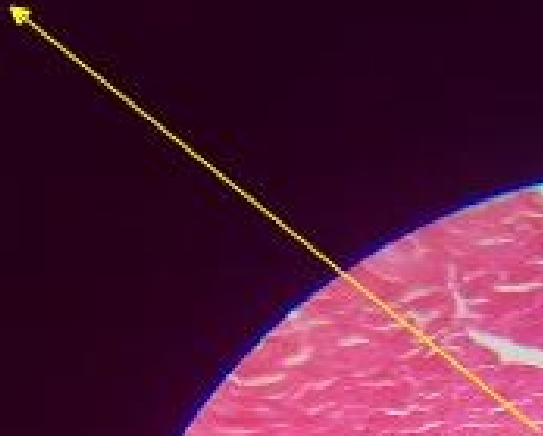
## POINTS FOR IDENTIFICATION

1. MYOCYTES ARE SPINDLE SHAPED
2. MYOCYTES CONTAIN CENTRAL NUCLEUS

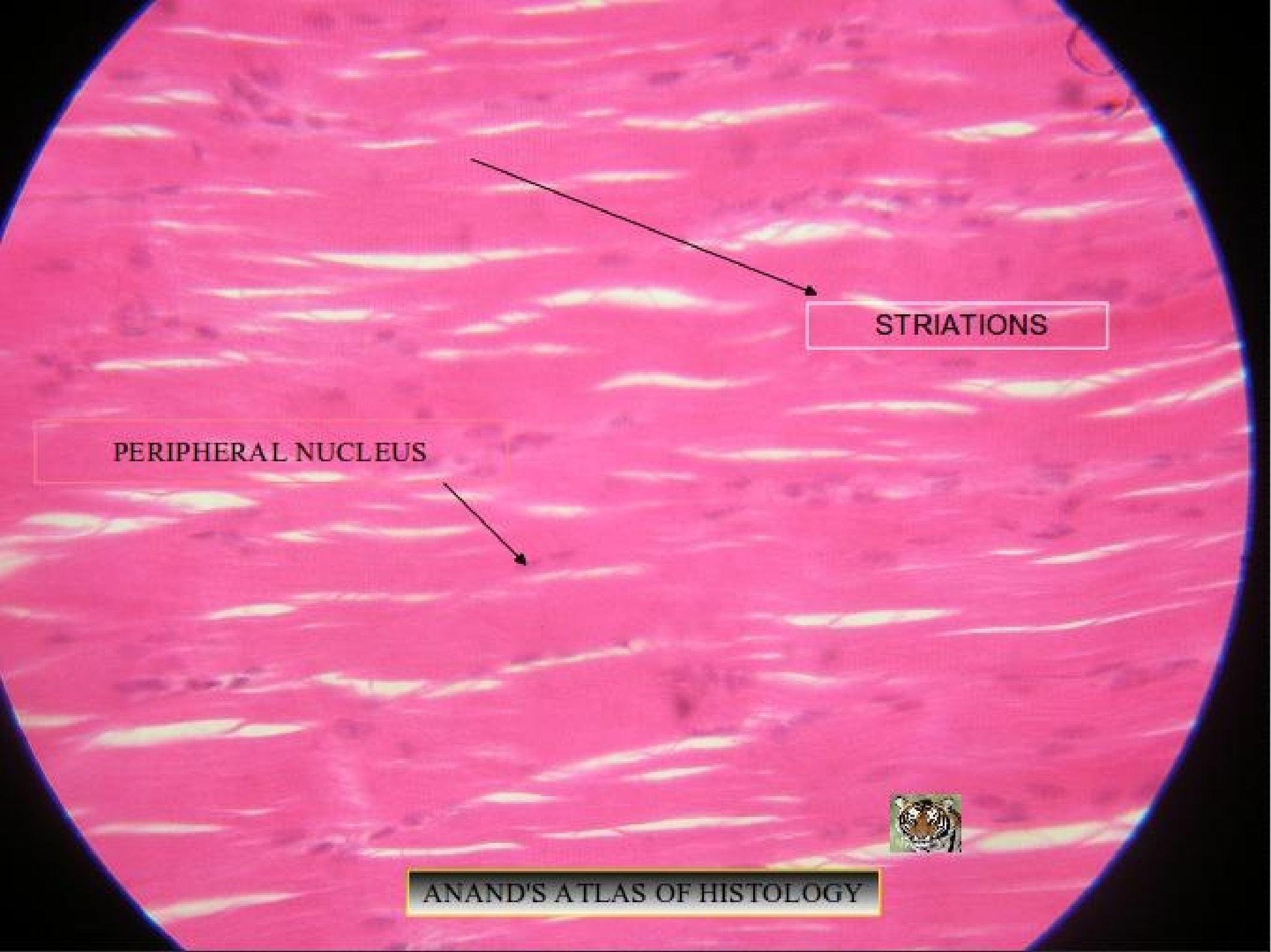
# SKELETAL MUSCLE

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MUSCLE FIBRES DO NOT BRANCH



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STRIATIONS

PERIPHERAL NUCLEUS



# SKELETAL MUSCLE

## POINTS FOR IDENTIFICATION

1. MUSCLE FIBRES DO NOT BRANCH

2. NUCLEUS IS LOCATED IN THE PERIPHERY

3. PRESENCE OF CROSS STRIATIONS



# CARDIAC MUSCLE

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