



المطب والجراحة

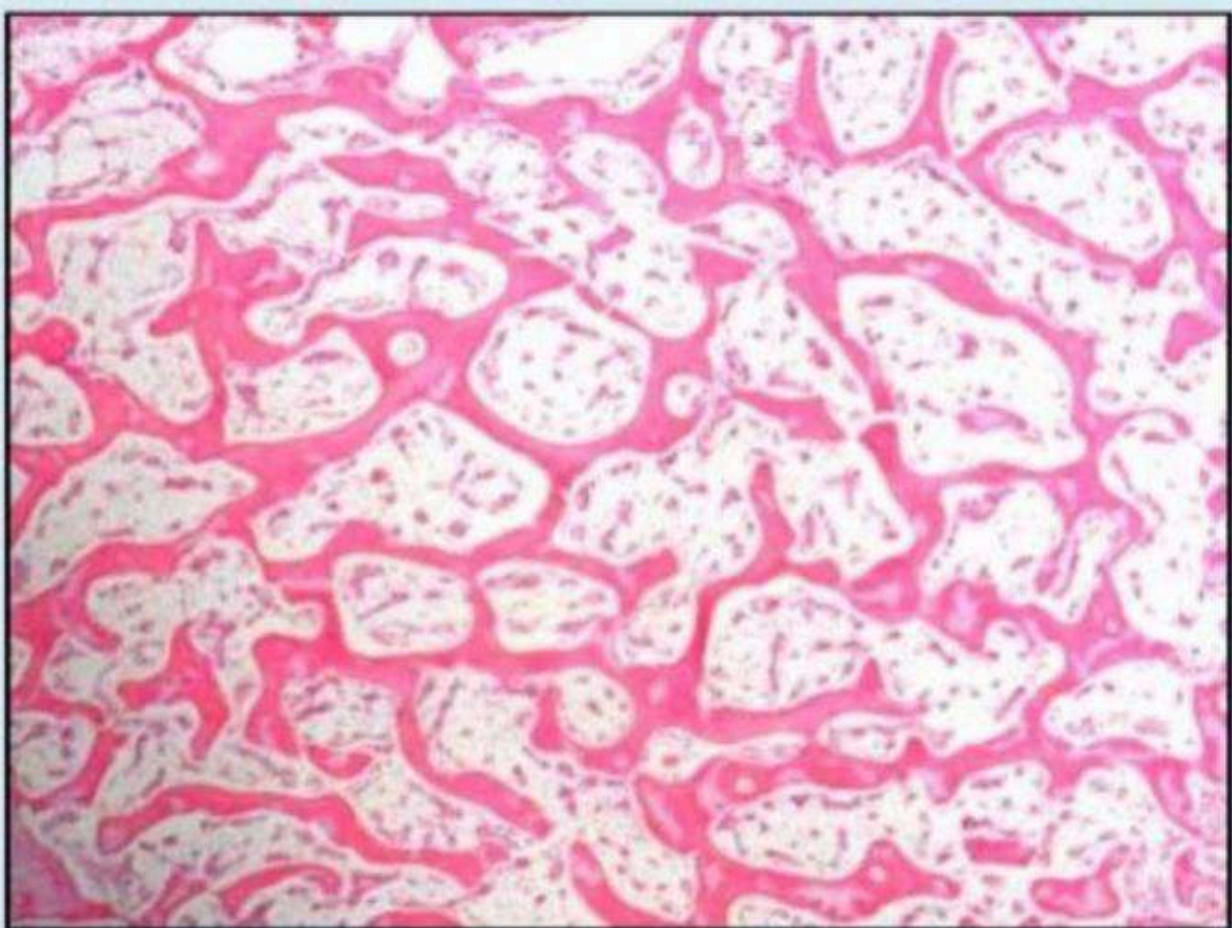
لجنة



# MSS LAB 2

دفعه وتين 2020

Q.1 Identify a tissue type?.



Select one :

a. Hyaline cartilage

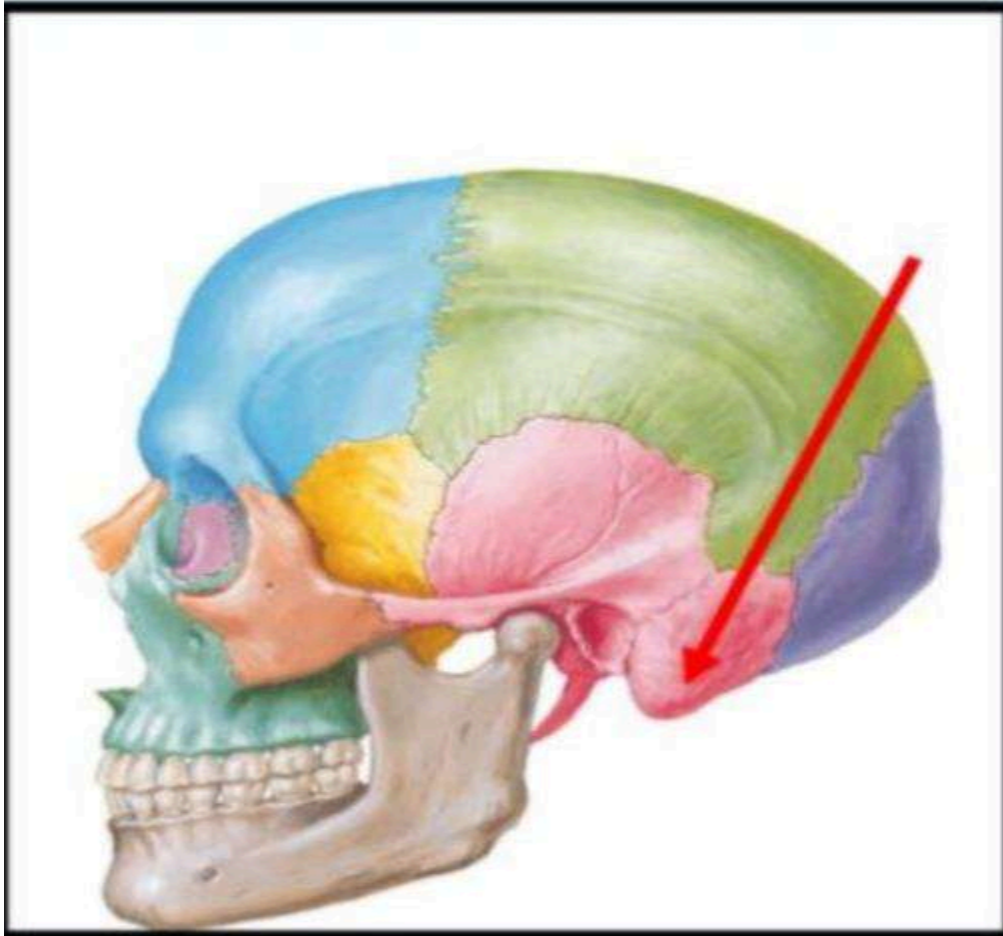
**b. Trabecular bone**

c. cross-section skeletal muscle

d. Articular cartilage

e. Compact bone

**Q.2 The mentioned bone is?**



Select one:

- a. Mastoid process of the temporal bone
- b. The petrous part of the temporal bone
- c. The squamous part of the temporal bone
- d. Tympanic part of the temporal bone
- e. Styloid process of the temporal bone

**Q.3** What is the labelled structure?



Select one :

**a. Pronator teres**

b. Brachioradialis

c. Flexor carpi radialis

d. Fiexor carpi uinaris

e. Flexor digitorum superficialis

**Q. 4 This groin dermatophyte is described as?**

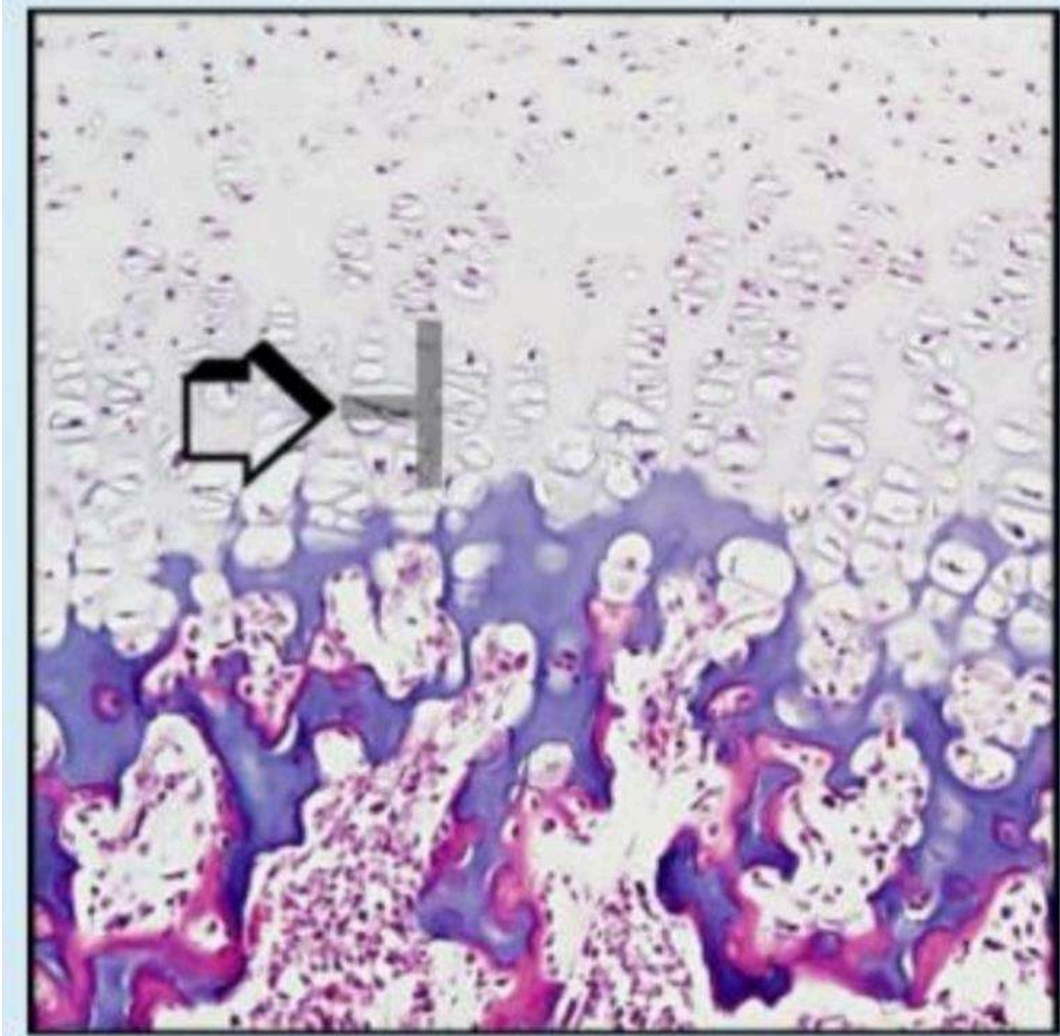


Select one:

- a. Tinea cruris**
- b. Tinea corporis
- c. Tinea capitis
- e. Tinea unguinum
- e. Tinea pedis



Q5. Identify a histological feature?



Select one:

- a. Hypertrophy**
- b. Proliferation
- c. Resting
- d. Calcification
- e. Ossification

**Q.6 this is?**





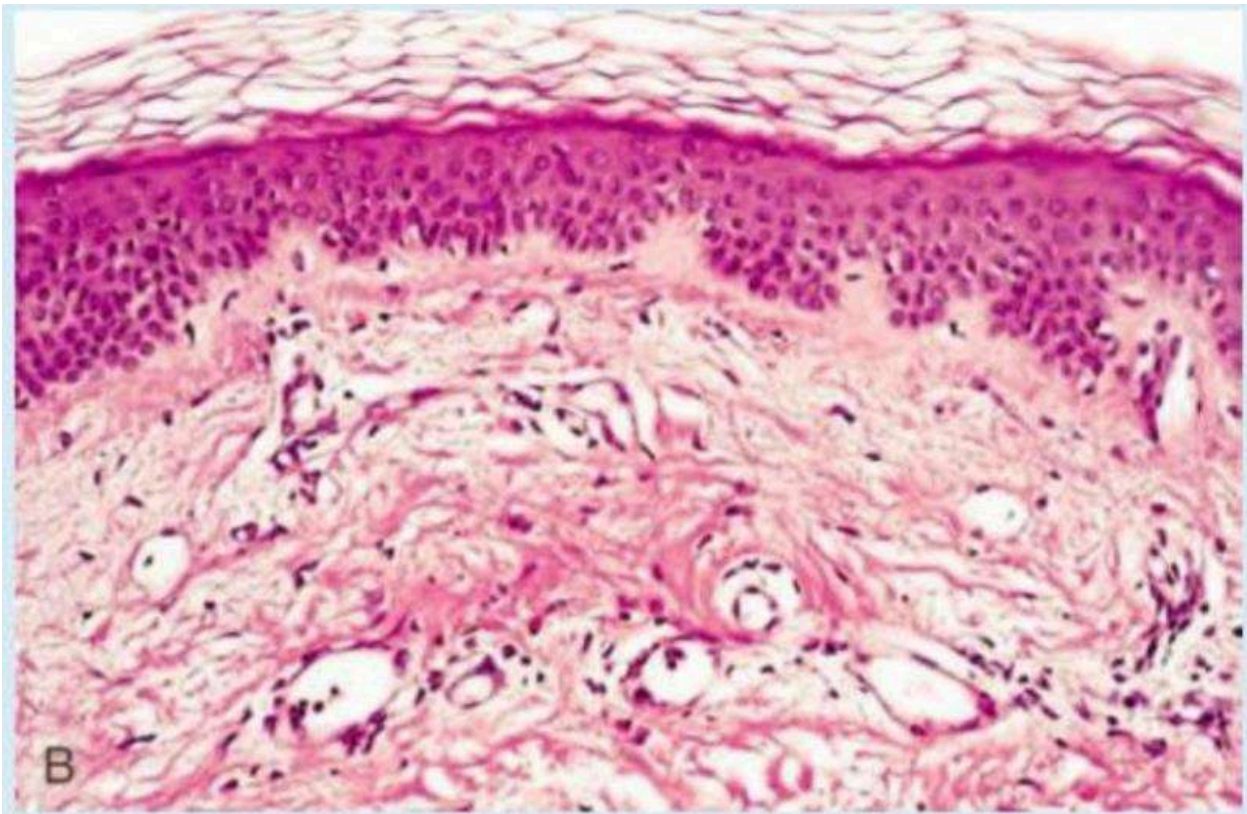
Select one:

a. *Candida albicans*

b. *Microsporium* spp

- c. *M. globosa*
- d. *Trichophyton* spp
- e. *M. Furfur*

**Q.7 Which of the following describe the pathogenesis leading to the changes in the photo?**



Select one :

- a. Exacerbation reaction due to scratching of the lesion
- b. Mast cell degranulation**
- c. Type II hypersensitivity reaction

- d. keratinocyte injury mediated by CD8+ cytotoxic T lymphocytes
- e. CD4+ T lymphocytes type IV hypersensitivity

**Q.8 What is the labelled structure?**



Select one :

**a. Origin of lower head of lateral pterygoid muscles**

**b. Origin of deep head of medial pterygoid muscles c. Origin of upper head of lateral pterygoid muscles**

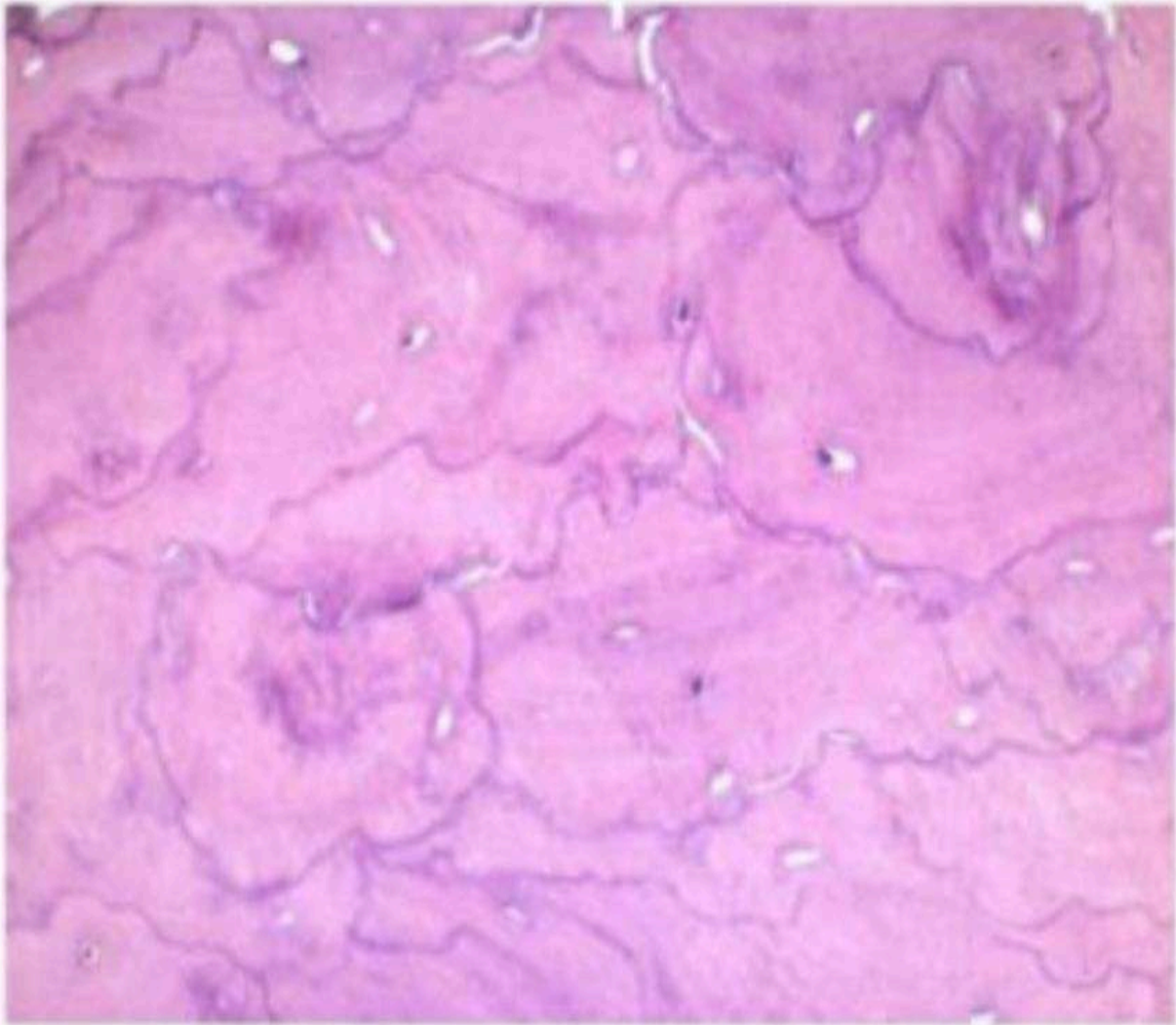
**d. Origin of pterygomandibular ligament**

**e. Origin of superficial head of medial pterygoid muscles**

**Q.9**

**A 70-year-old man complains of right hip and thigh pain of several months' duration. On physical examination he has reduced range of motion in both hips. Laboratory studies show elevated serum alkaline phosphatase level and a normal range of calcium and phosphorus. A bone biopsy is done; the figure shows the microscopic appearance of the specimen. What condition is most likely to produce these findings?**

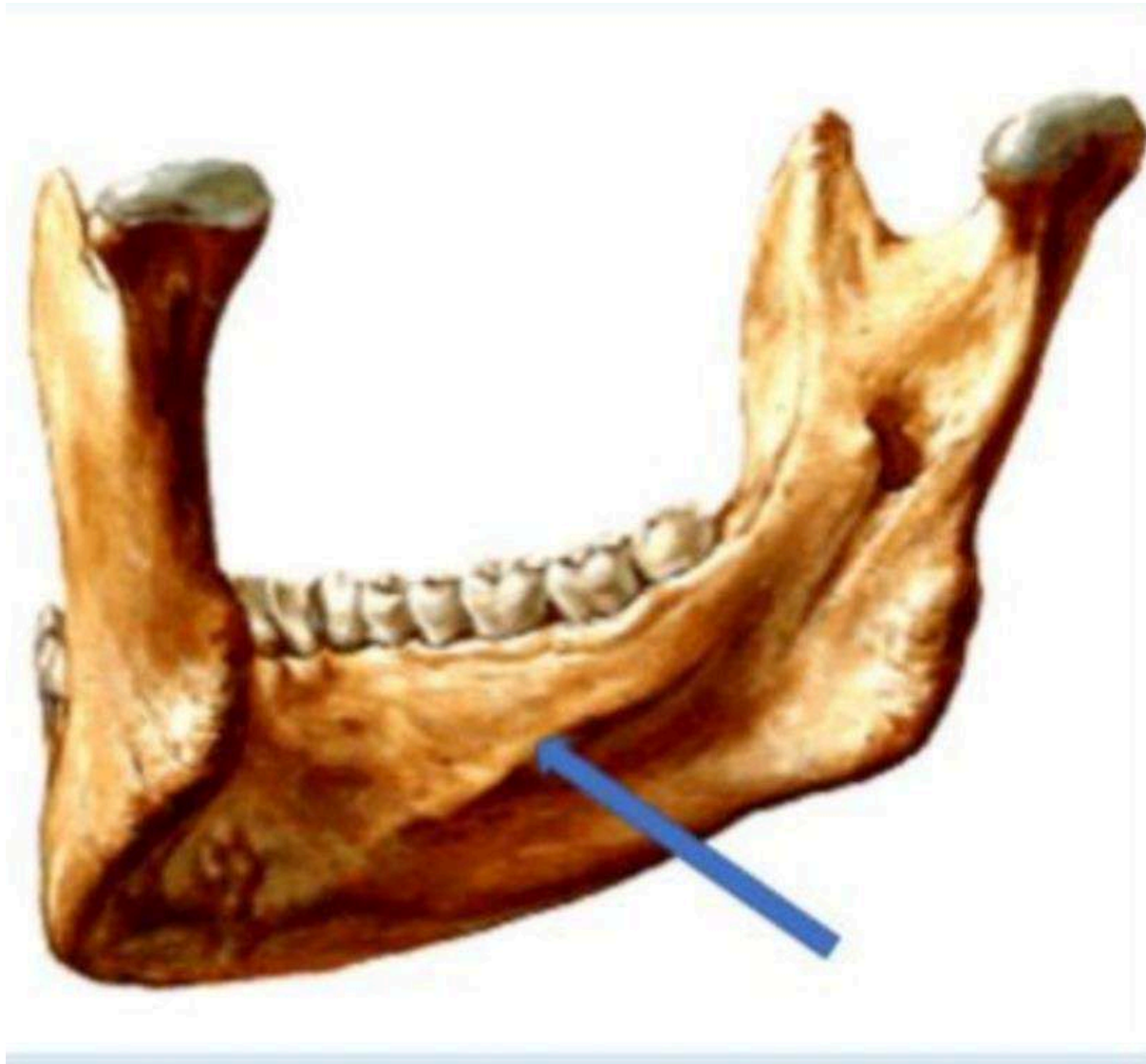




Select one:

- a. Osteochondroma
- b. Mixed phase of Paget disease of bone.
- c. Sclerotic phase of Paget disease of bone.**
- d. Osteoporosis.
- e. Lytic phase of Paget disease of bone

**Q.10 What is the labelled structure?**



Select one :

a. Origin of anterior belly of digastric

B. Insertion of platysma

**c. Origin of mylohyoid**

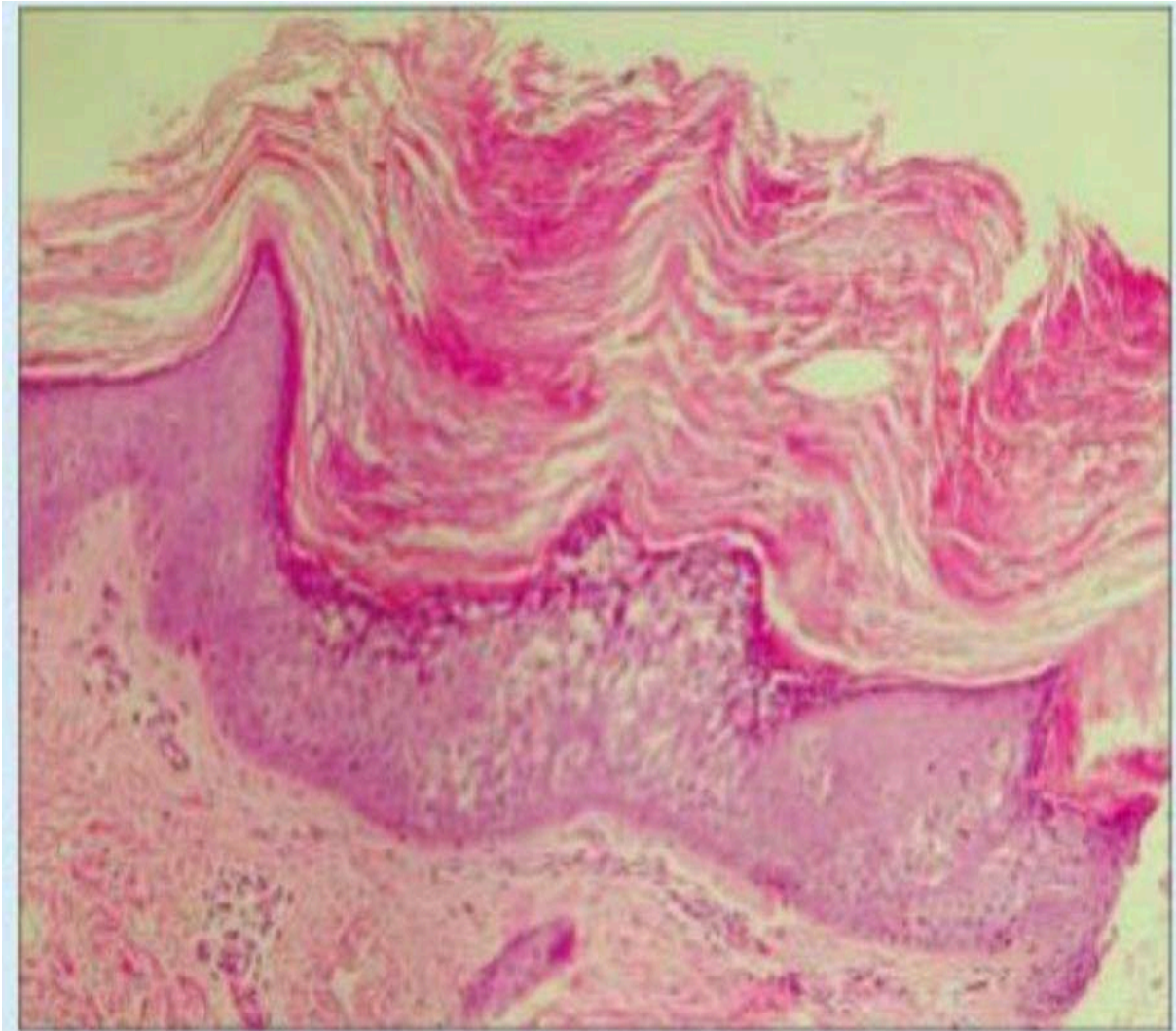
d. Origin of geniohyoid

e. Origin of genioglossus



**Q.11**

**Which of the following best describe the lesion seen in this photo?**



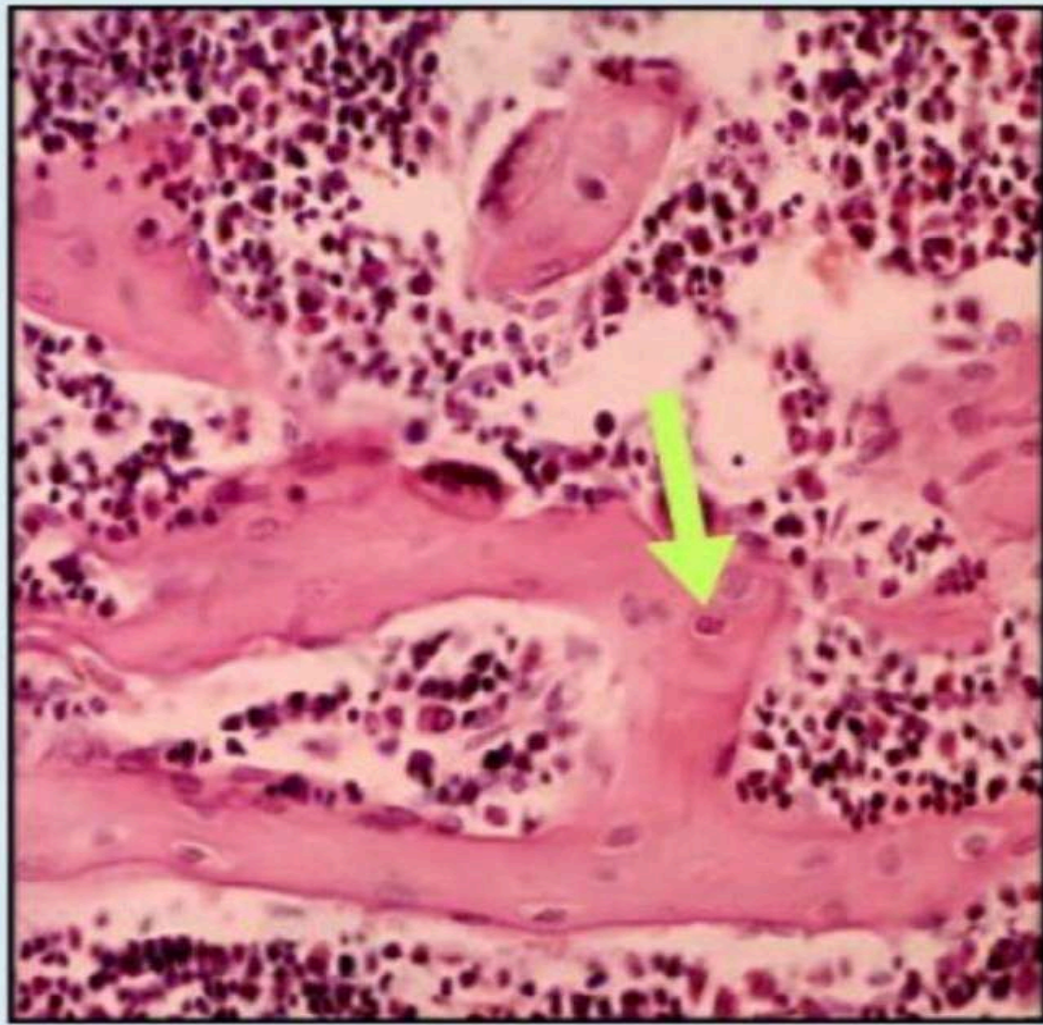
Select one :

- a. Acanthosis
- b. Hyperkeratosis**
- c. Parakeratosis

d. Spongiosis

e. Dermal-epidermal separation

Q.12 identify a cell type?



Select one :

**a. Osteocyte**

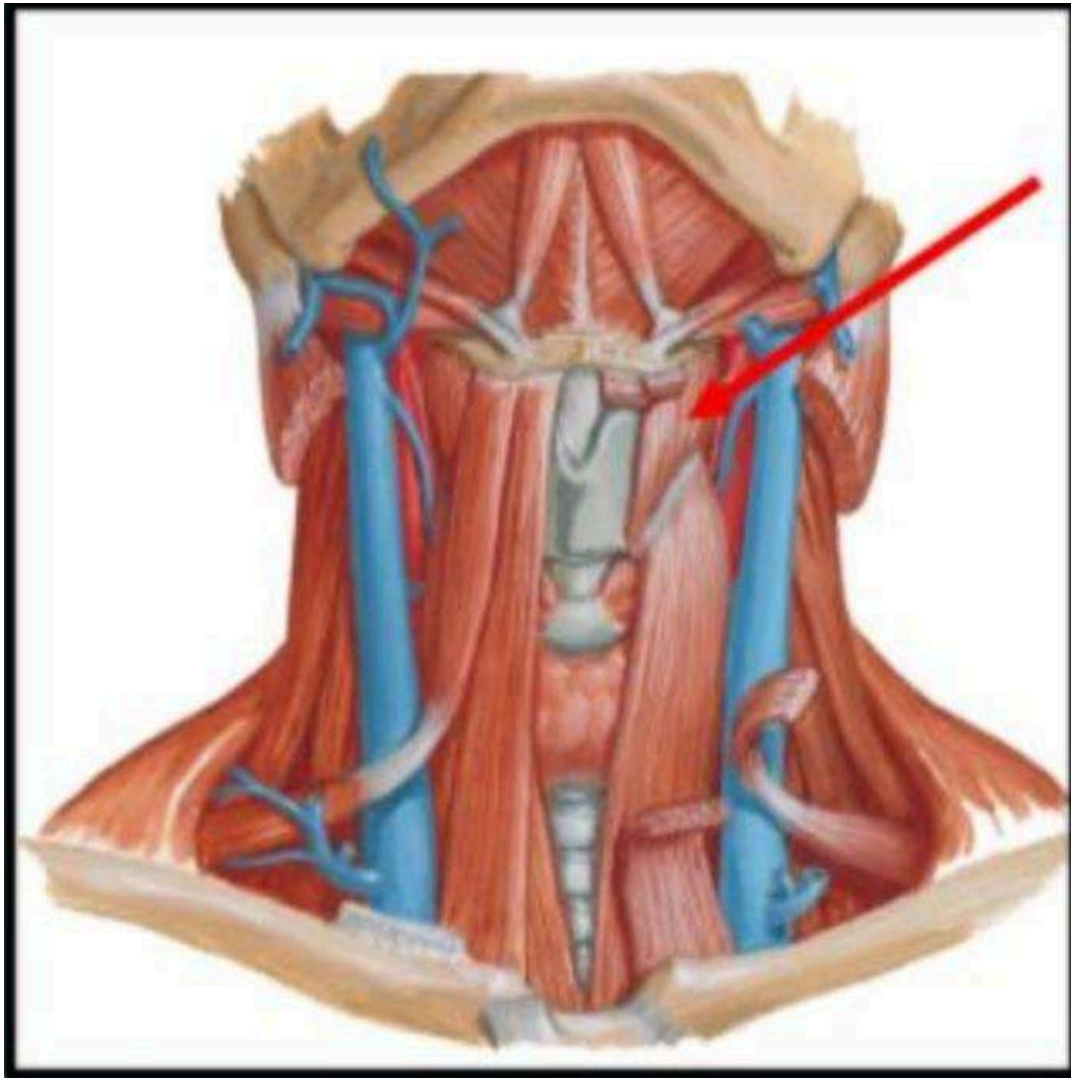
b. Osteoclast

c. Chondrocyte

d. Osteoblast

e. Osteoprogenitor Cell

**Q.13 The indicated muscle is?**



Select one :

**a. Thyrohyoid**

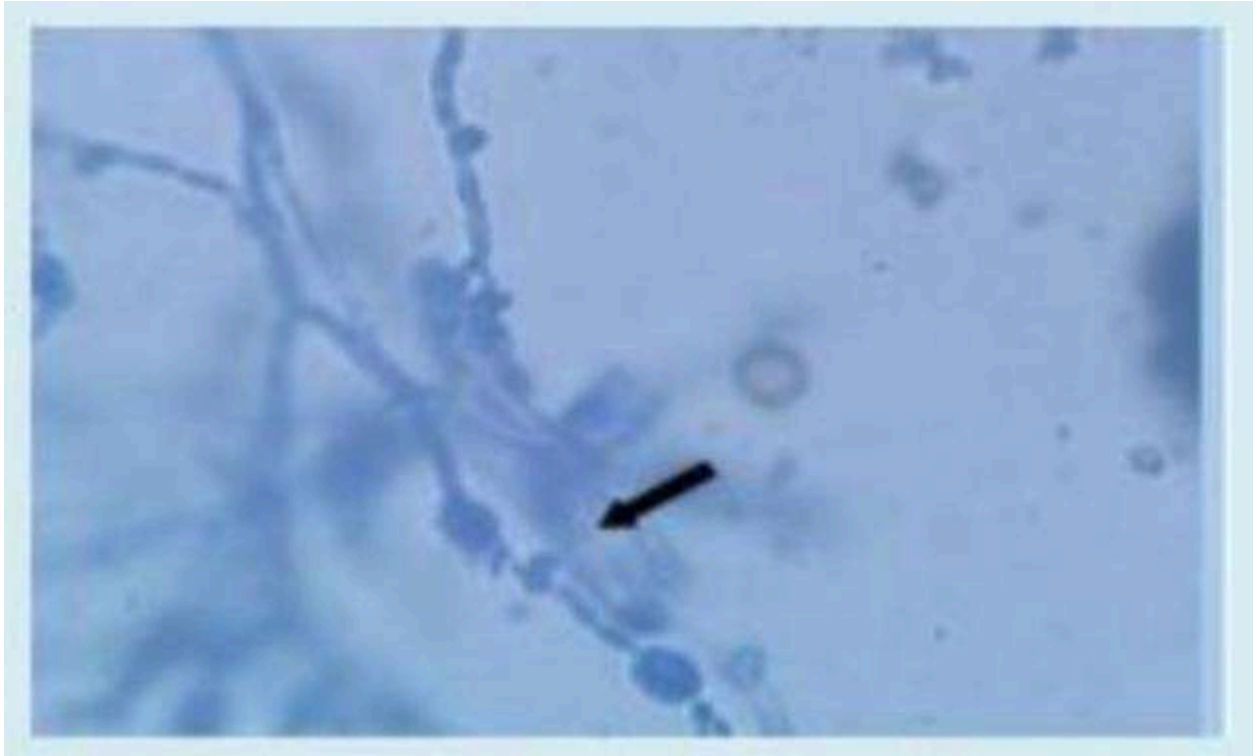
b. Omohyoid

c. Geniohyoid

d. Innervated by Ansa cervicalis, C1, 2, and 3

e. Sternothyroid

**Q.14 The arrowed structure is commonly seen in?**

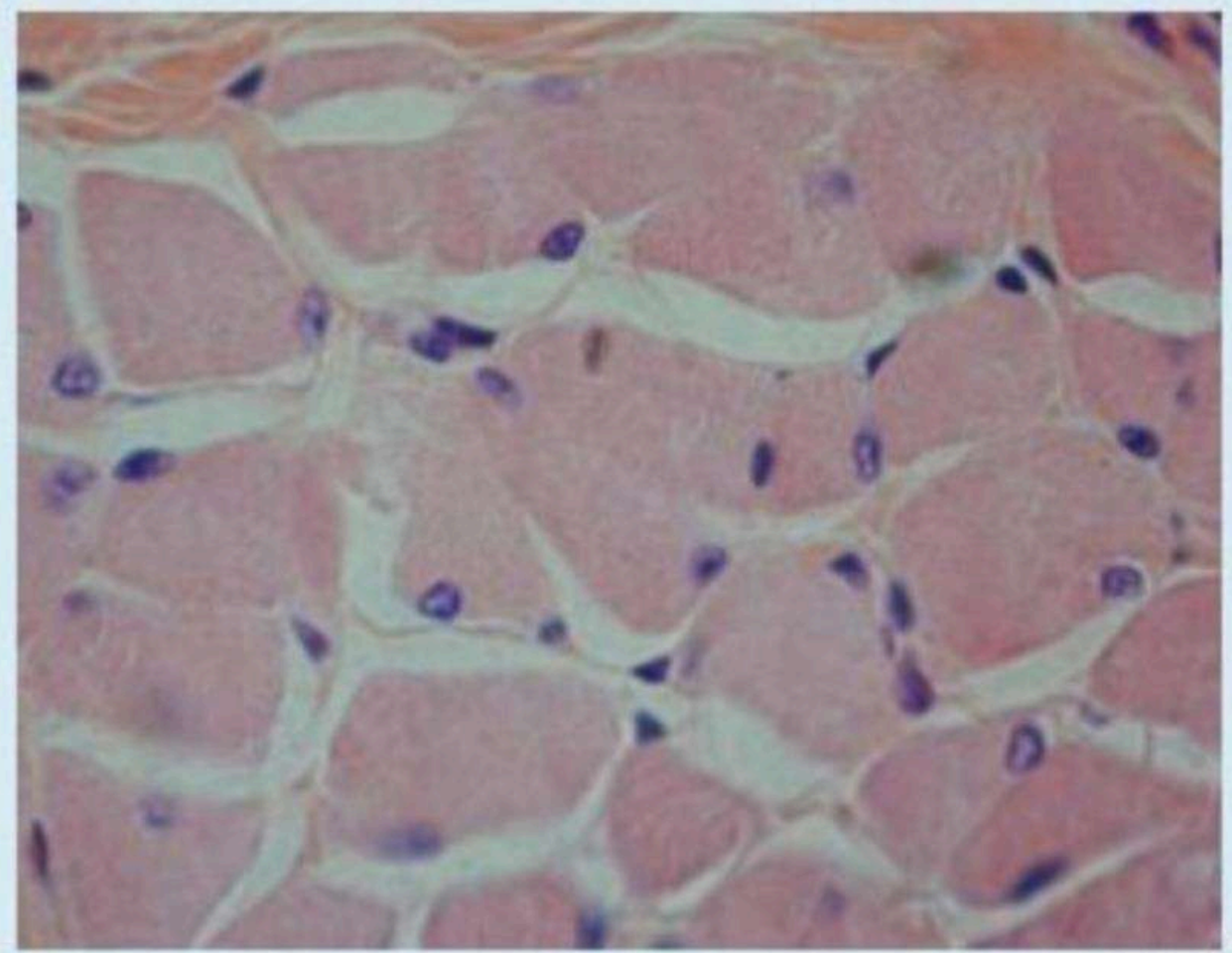


Select one :

- a. *Candida albicans*
- b. *Microsporum*
- c. *Epidermophyton*
- d. *Trichophyton*
- e. *Madurella mycetomatis***



**Q.15 Identify a tissue type?**

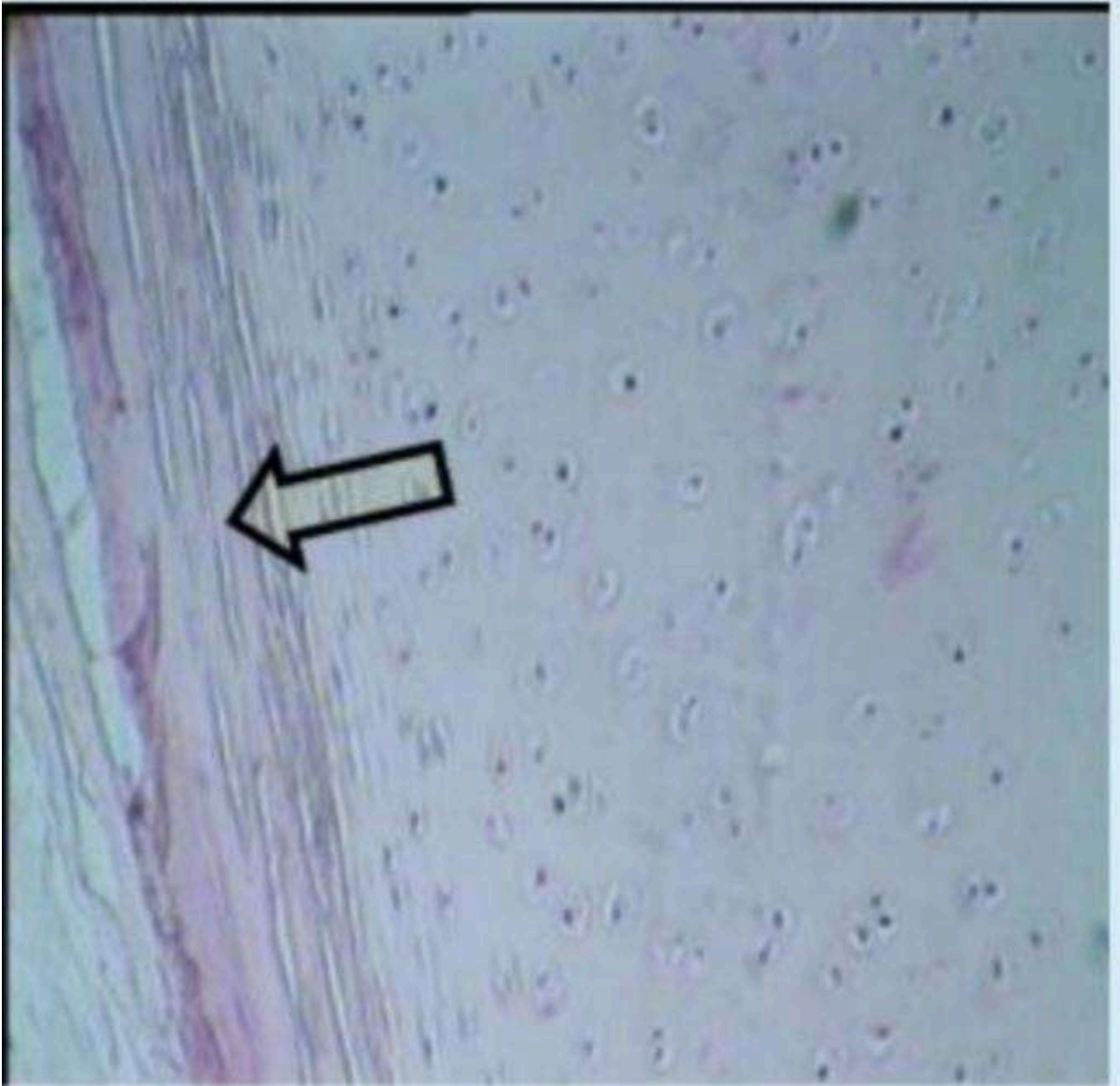


Select one :

- A. L.S skeletal Muscie
- B. Territorial Matrix
- C. Lacunae
- D. TS skeletal Muscle**
- E. Articular Cartilage



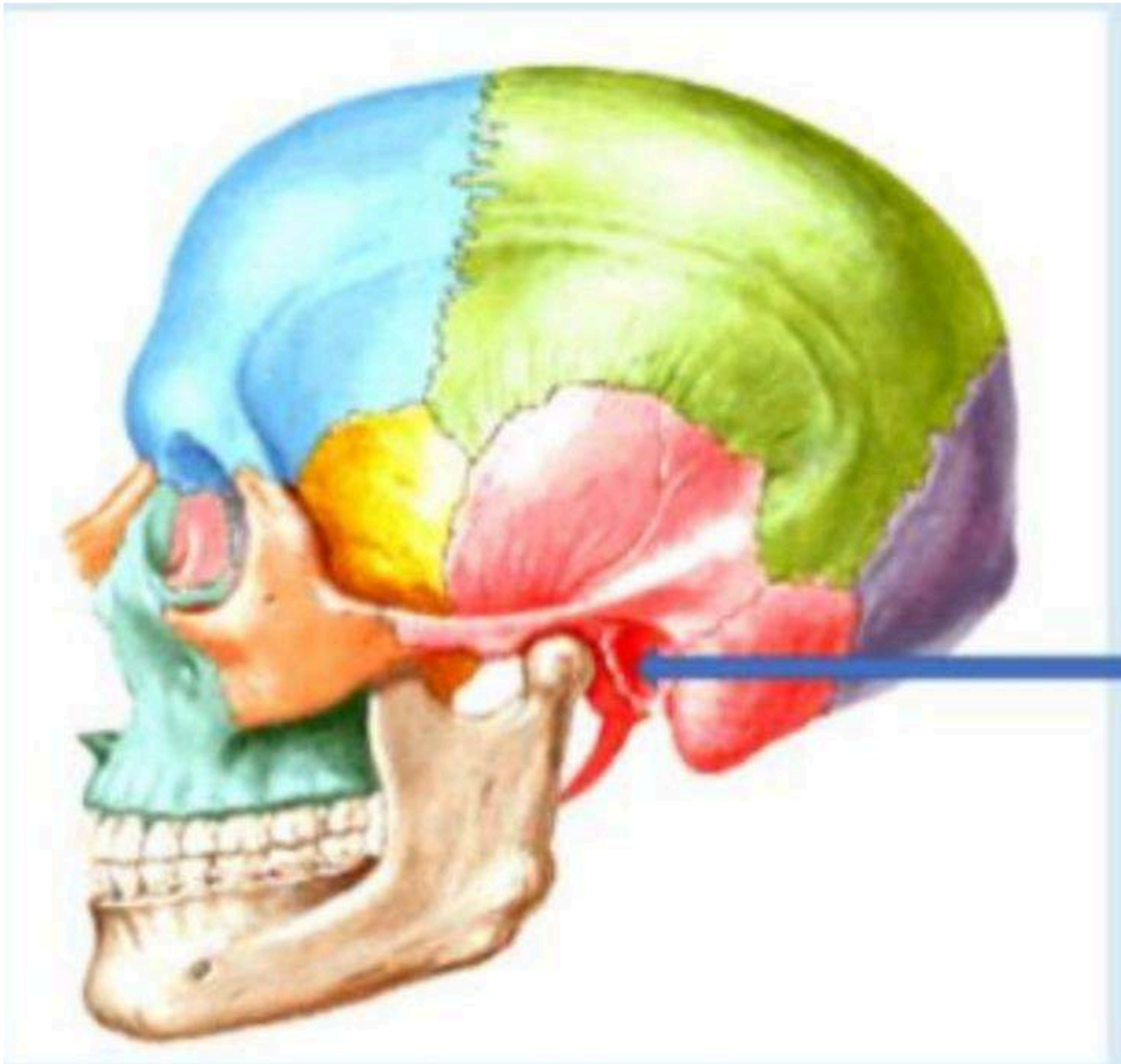
Q.16 Identify a histological feature?



Select one:

- a. Nest Cell
- b. Perichondrium**
- c. Lacunae
- d. Territorial Matrix
- e. Articular Cartilage

**Q.17 What is the labelled structure?**



Select one :

- a. Mastoid process
- b. Styloid process
- c. Supramental triangle
- d. External auditory meatus**
- e. Zygomatic arch

**Q.18**

**Identity a histological feature?**



**Select one :**

**A. Canaliculi**



- b. Perichondrium
- c. Periosteum
- d. Chondrocyte**
- e. Chondrogenic Cell

**Q.19 This dermatophyte is commonly associated with?**



Select one:

- a. *Tinea cruris*
- b. *Tinea corporis*
- c. *Tinea capitis*
- d. *Tinea pedis***
- e. *Tinea unguinum*

**Q.20** What is the labelled structure?



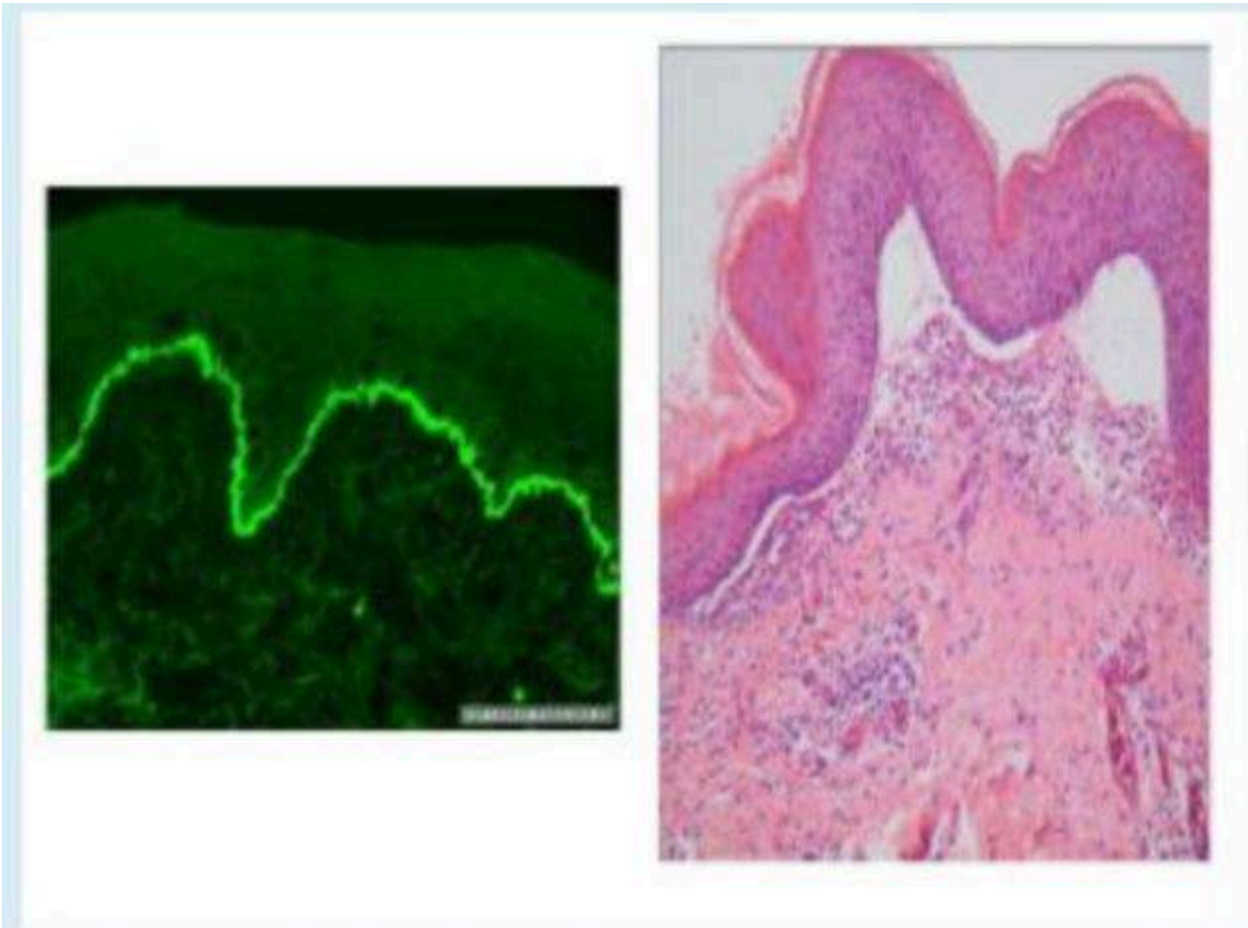
Select one:

- a. Lateral condyle**
- b. Anterior cruciate ligament
- c. Posterior cruciate ligament
- d. Popliteus muscles
- e. Medial condyle

**Q.21**

**A 65-year-old woman complains of having an itchy rash for the past few months She said the lesions first appeared as red woen plaques on her ab and flexor aspect of her forearms Physical examination reveals large bullae on her abdomen and thighs Askin biopay shows a postve dredt immunofiuorescence test along with specific microscopic features as shown in the images. Which of the following is the appropriate diagposis?**





Select one :

a. Allergic contact dermatitis

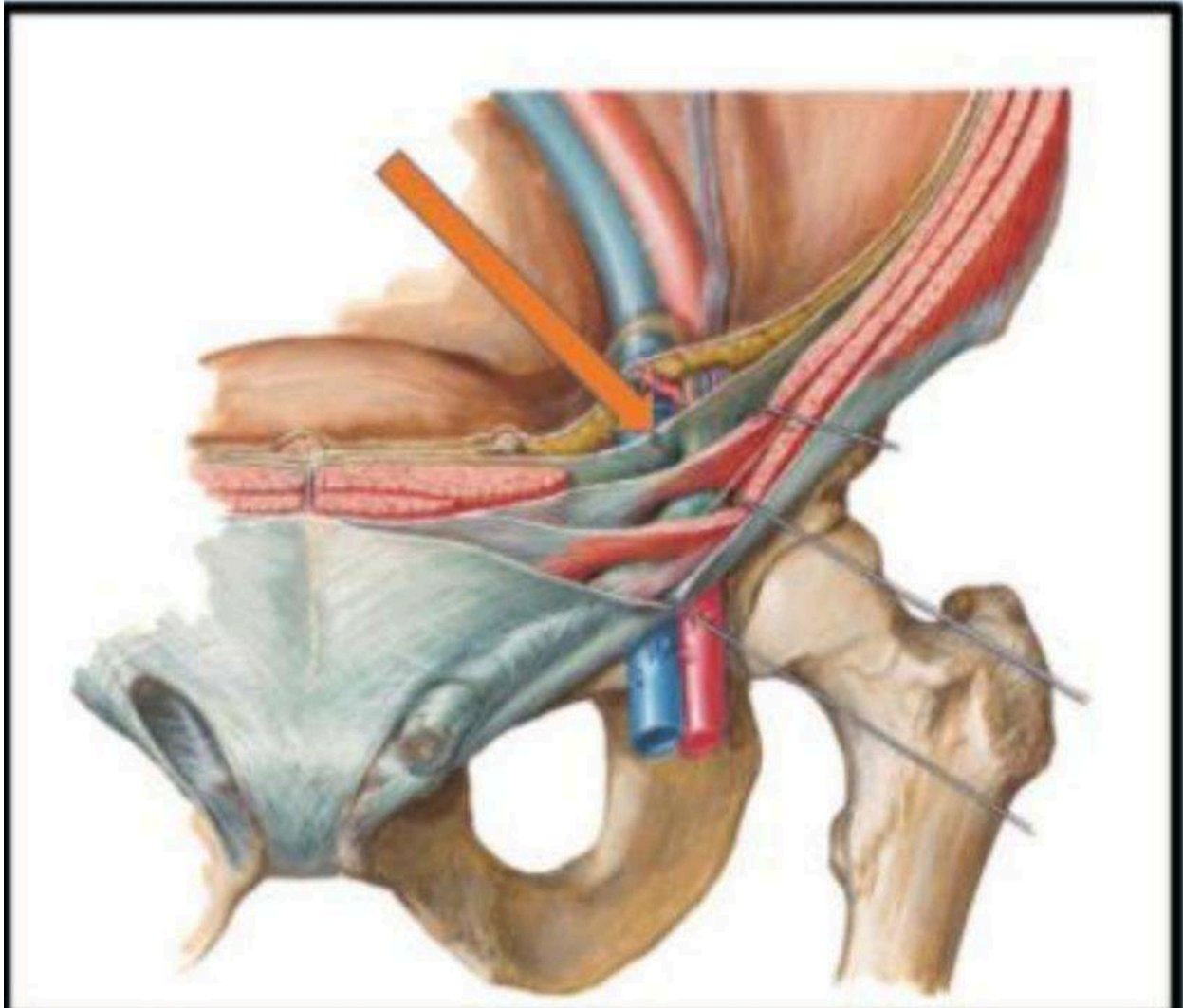
**b. Bullous pemphigoid**

c. Dermatitis herpetiformis

d. Epidermolysis bullosa

e. Pemphigus vulgaris

Q.22 The indicated structure is?



Select one :

- a. The transversalis fascia
- b. The transversus abdominis muscle
- c. The aponeurosis of the internal abdominal
- d. The transverses aponeuroses
- e. Thoracolumbar fascia

Q.23 What is the labelled structure?



Select one:

- a. Transverse cervical artery
- b. Nerve to thyrohyoid
- c. Suprascapular artery

- d. Lower limb of ansa cervicalis
- e. Thyrothoracic trunk

**Q.24** What is the labelled structure?



Select one

- a Tibialis posterior

**b. Flexor hallucis longus**

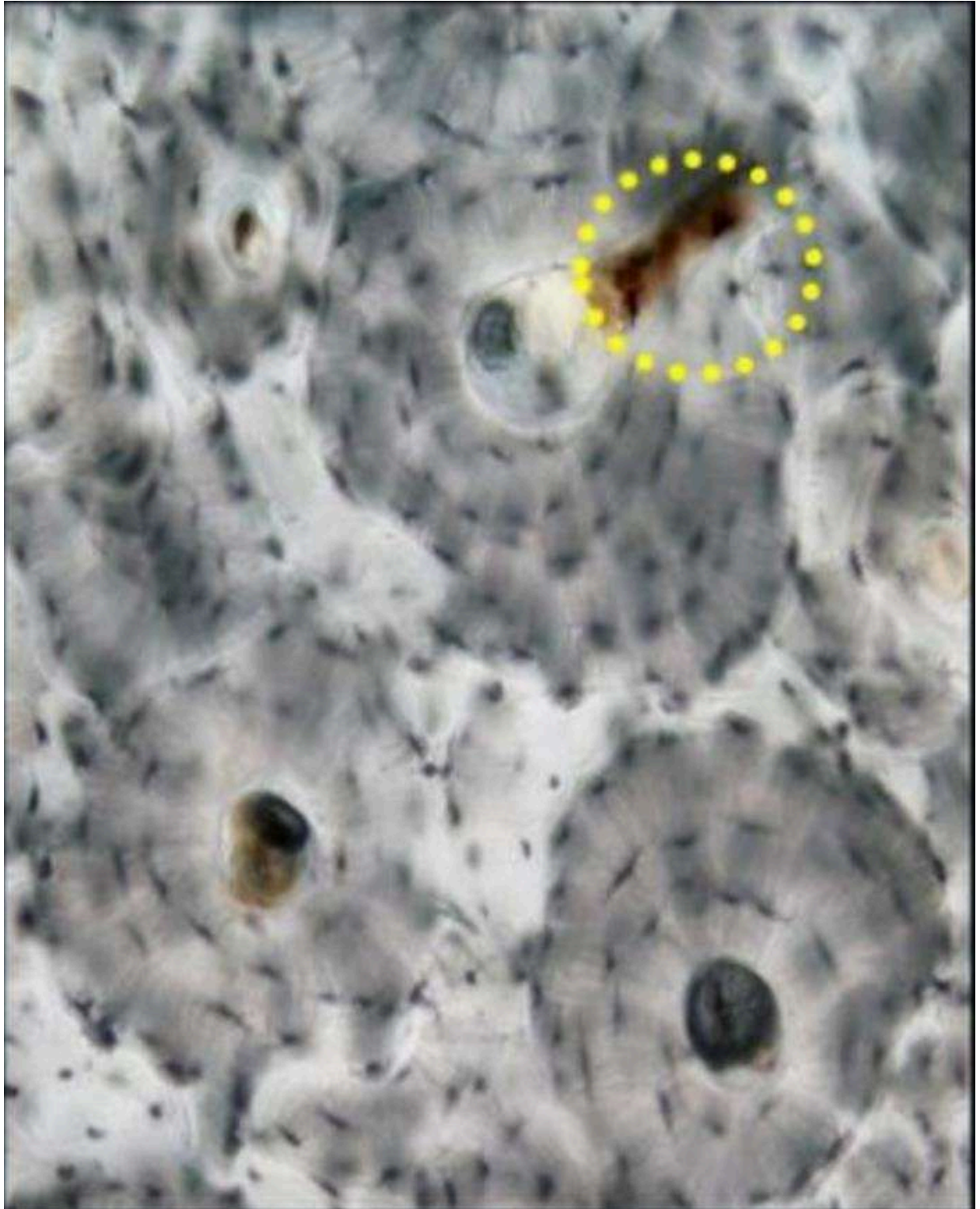
**c. Flexor digitorum longus**

**d. Tibialis anterior**

**e. Extensor hallucis longus**



Q.25 Identify a histological feature?

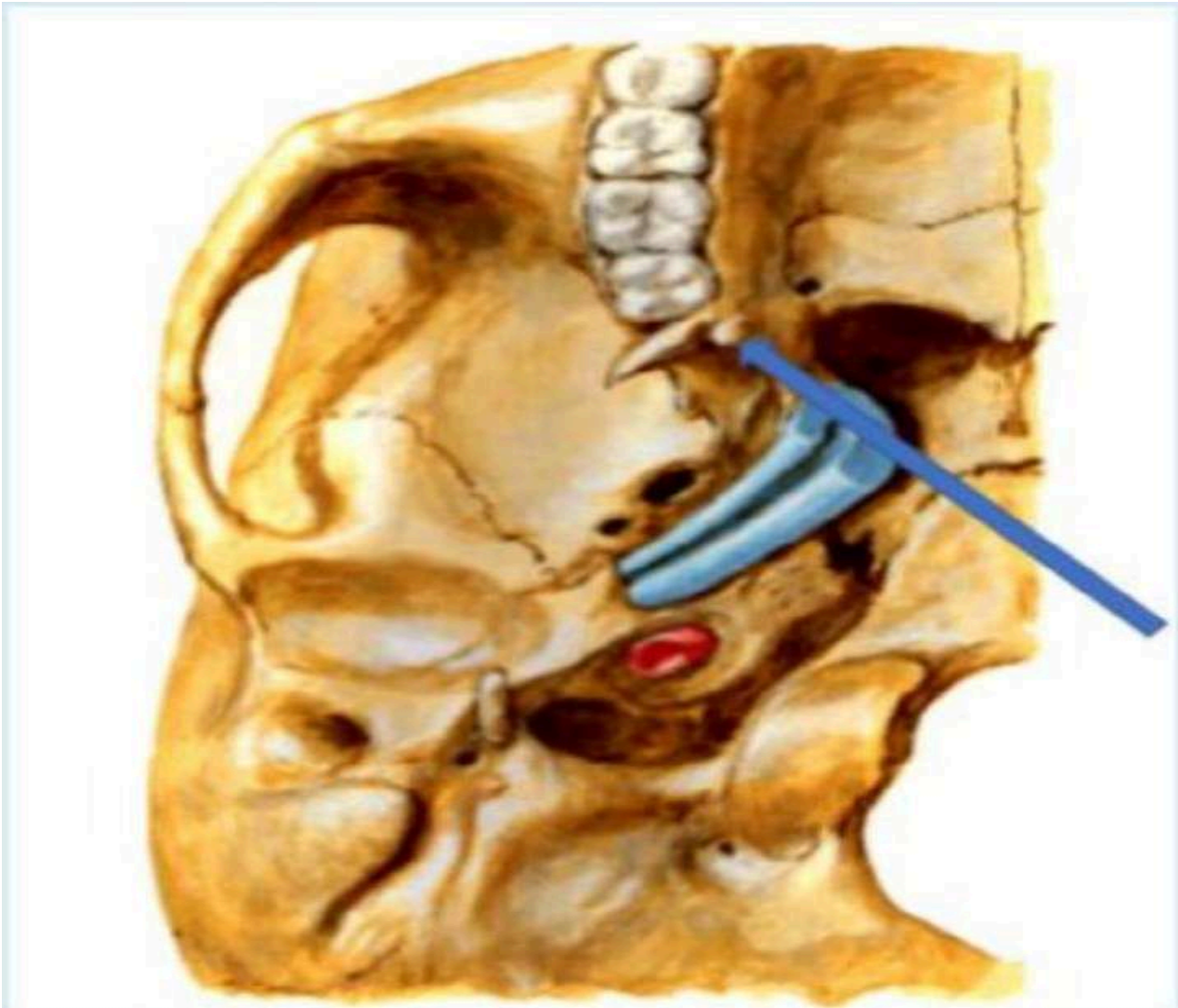




Select one:

- a. Central canal
- b. Osleon
- c. Volkman's canal
- d. Canaliculi
- e. Lacunae

**Q.26** What is the labelled structure?

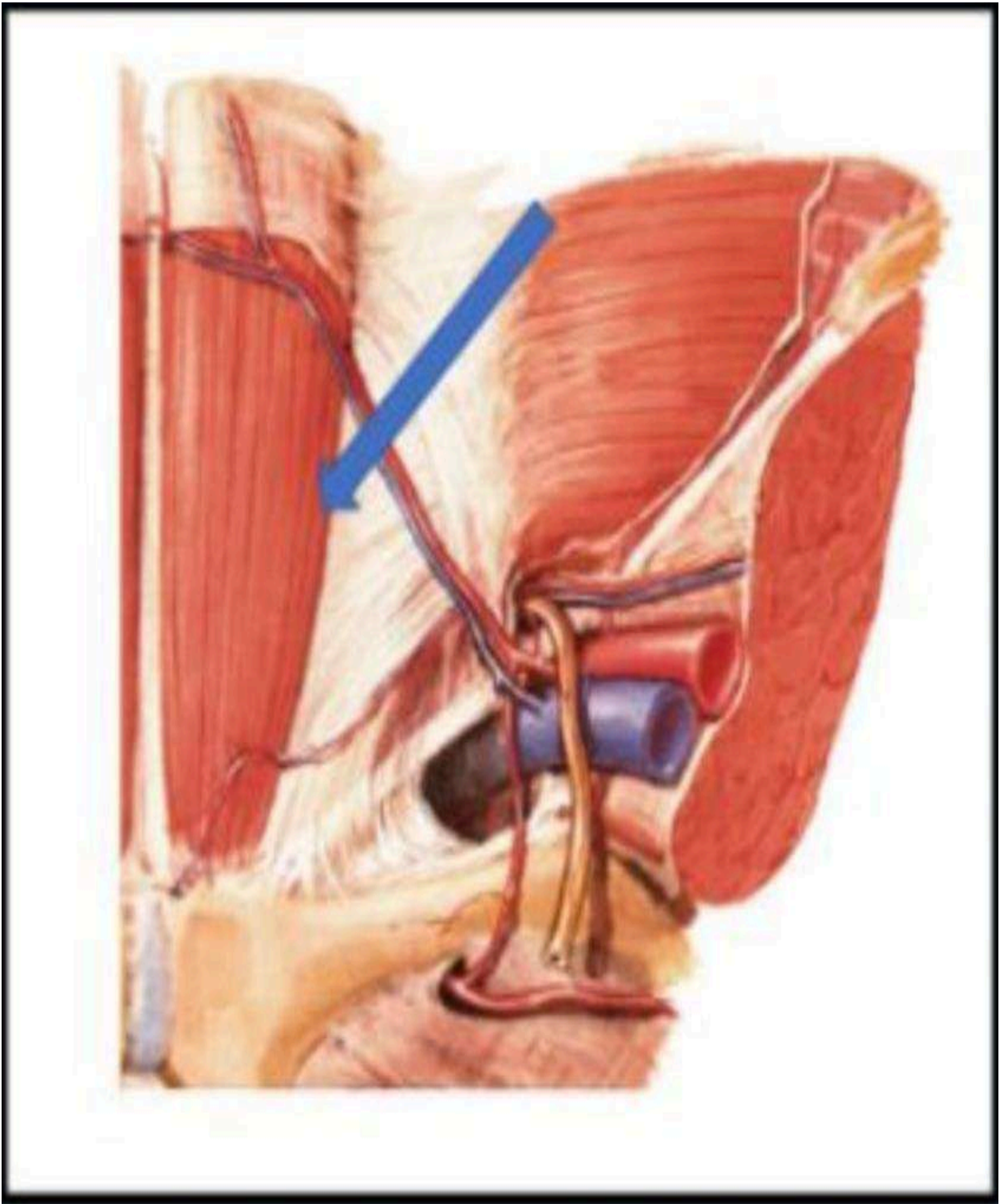


Select one:

- a. Origin of lower head of lateral pterygoid muscles
- b. Origin of deep head of medial pterygoid muscles
- c. Origin of upper head of lateral pterygoid muscles
- d. Origin of pterygomandibular ligament

**e. Origin of superficial head of medial pterygoid muscles**

**Q.27 What is the labelled muscle?**



Select one :

- a. External abdominal
- b. Internal abdominal

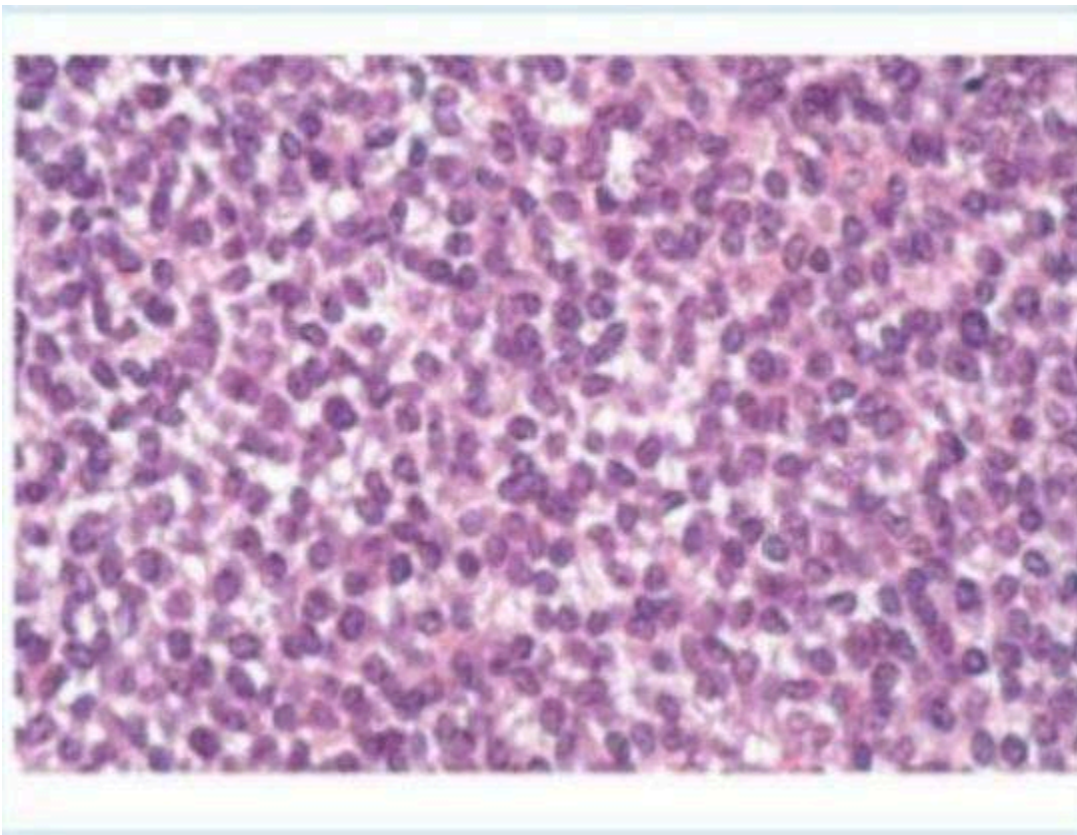
**c. Rectus abdominus**

d. Cremasteric

e. Transverse abdominal

**Q.28 A 16- year od boy presents with swelling on his left tibia An X-ray of the leg shows a destructive process Hislologic eamination of a biopsy showed in this picture. All the following are characteristics of this lesion, except?**

Select one :



**A. They are primary malignant small round cell tumors of bone.**

**b. Most patients are 10 to 15 years of age, and 80% are younger than 20 years**

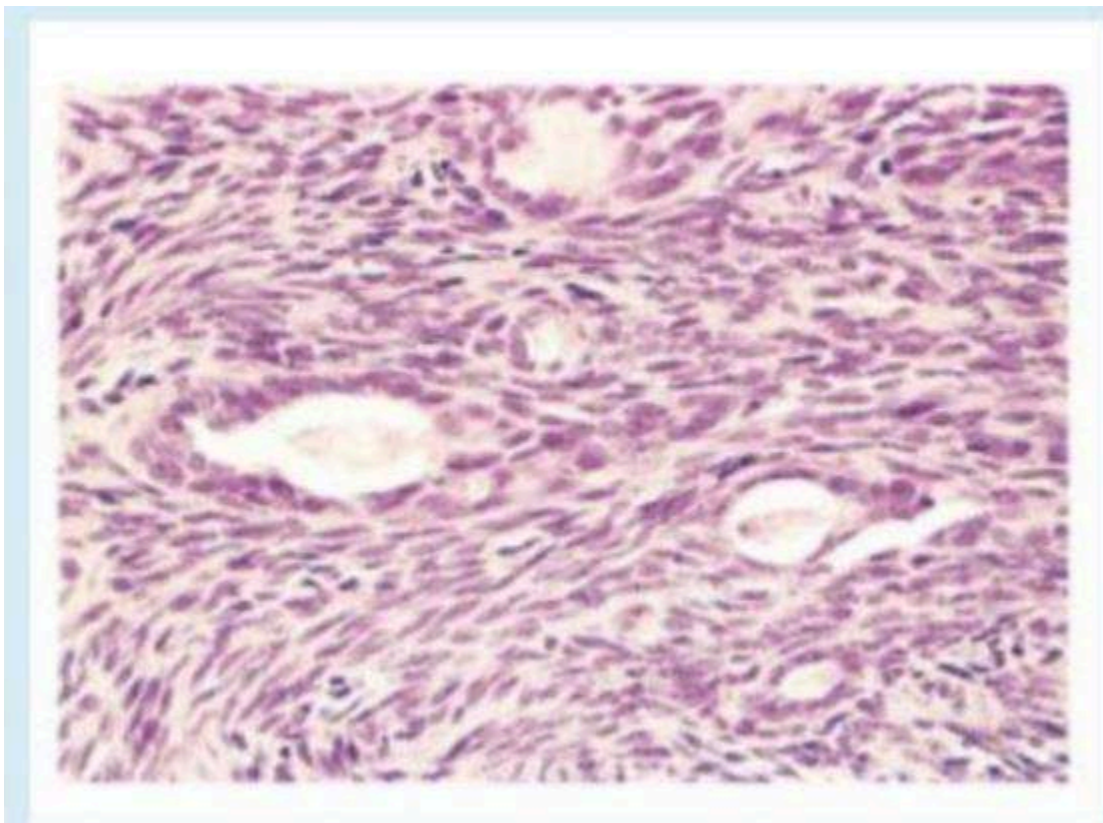


c. These tumors have a translocation of t(2, 13)

d. It typically manifests as a painful enlarging mass in the diaphysis of long tubular bones.

e. Boys are affected slightly more frequently than girls

**Q.29** A 45-year old male presents with swelling on his left tibia An X-ray of the leg shows a destructive process. Histologic examination of a biopsy showed in this picture Which of the following is the chromosomal alternation in of this lesion, except?



Select one

a. t(2,13)

b. t(X,18)



c t(11,22)

d. t(2,13)

e. t(X, 19)

**Q.30** One is TRUE regarding this yeast?



Select one :

**a. Lipophobic**

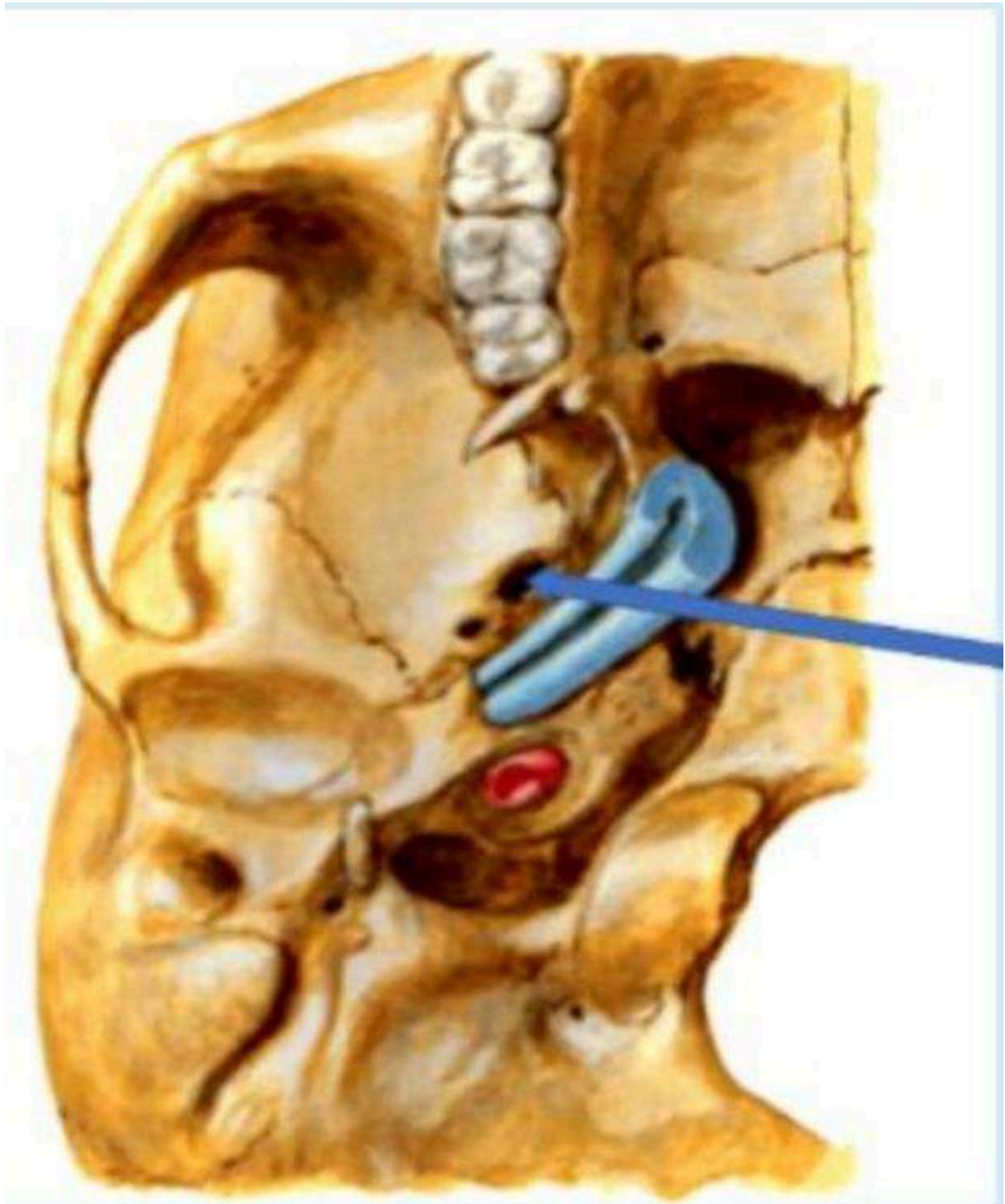
**b. Normal flora a.k.a normal commensals**

c. Infection might be associated with vaginal discharge

d. Causes very itchy lesions

e. Associated with esophageal infections in immunocompromised

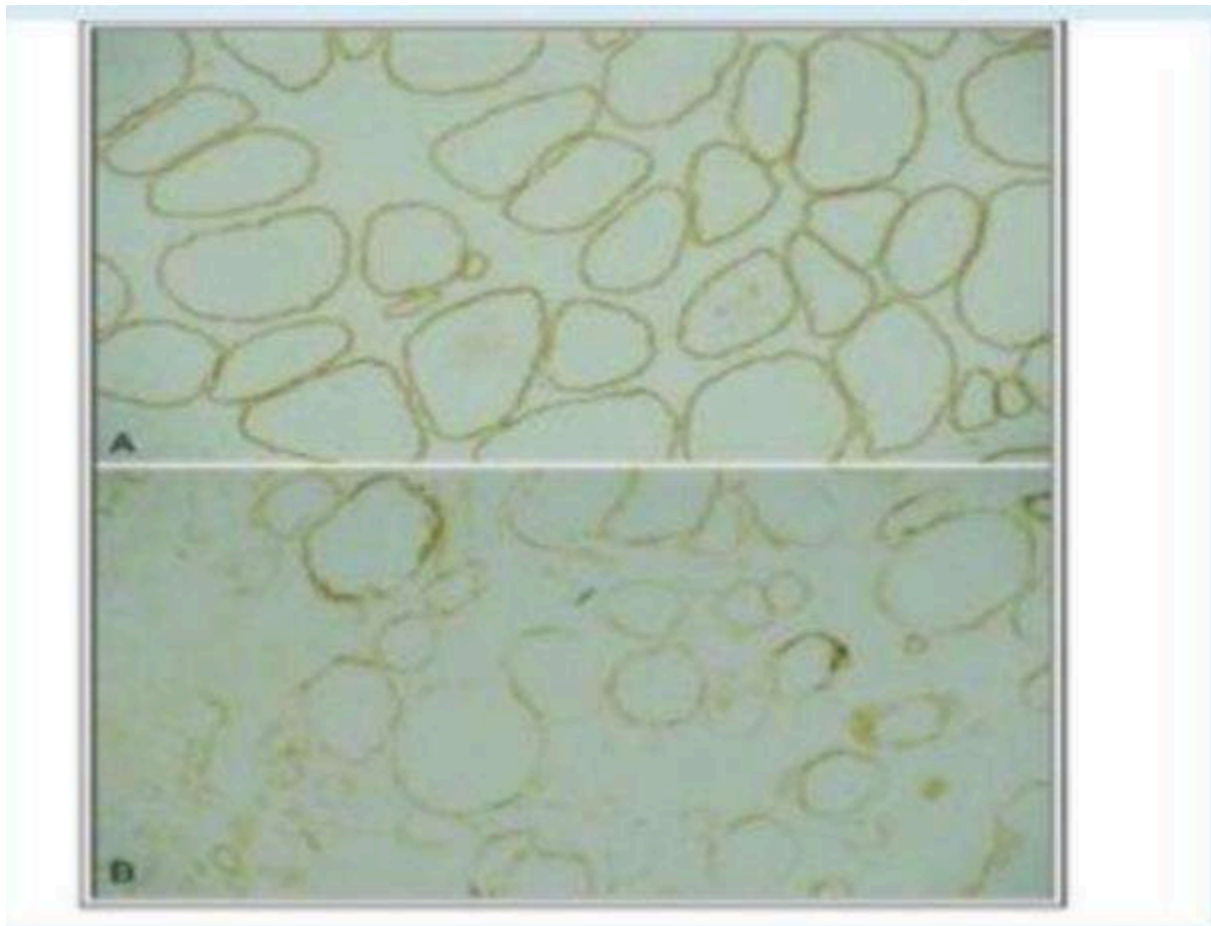
Q.31 What is the labelled structure?



Select one:

- a. Foramen lacerum
- b. Foramen jugular
- c. Foramen ovale**
- d. Carotid canal
- e. Foramen spinosum

**Q.32** A 42-year-old man has recently had muscle weakness. On physical examination without muscle pain or loss of joint mobility. A chest radiograph shows cardiomegaly with pulmonary edema and pleural effusions. A muscle biopsy specimen is examined. The figure shows the immunohistochemical staining pattern with antibody to dystrophin (A normal, B. Patient) What is the most likely diagnosis?



Select one:

- a. Polymyositis
- b. Becker muscular dystrophy**
- c. Amyotrophic lateral sclerosis
- d. Myasthenia gravis
- e. Myotonic dystrophy

Q.33

A 25-year-old male, who is an I.V drug abuser, has had pain in the area of the right leg for the past 3 weeks. On physical examination, his temperature is 38 2'C. There is swelling with marked tenderness to palpation in the area of the right leg, pain, and reduced range of motion Which organism is most likely produce these pictures findings?



Select one:

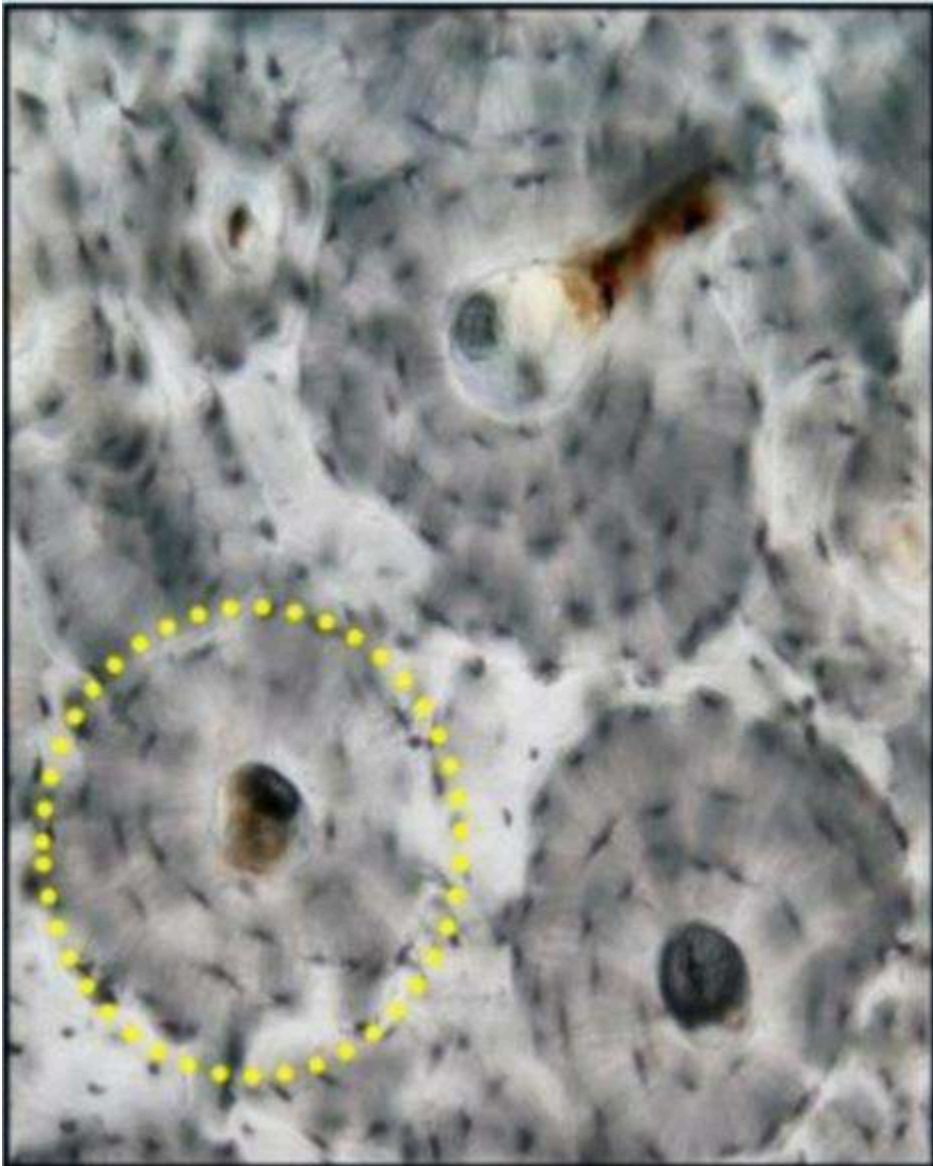
- a. Staphylococcus epidermidis.
- b. Salmonella species
- c. Tuberculosis.
- d. Staphylococcus aureus.**



e. Pseudomonas

Q.34

Identify a histological feature?



Select one:



a. Central canal

**b. Osteon**

c. Volkman's canal

d. Canaliculi

e. Lacunae

**Q.35 Identify a histological feature?**



Select one:

a. Sweat gland

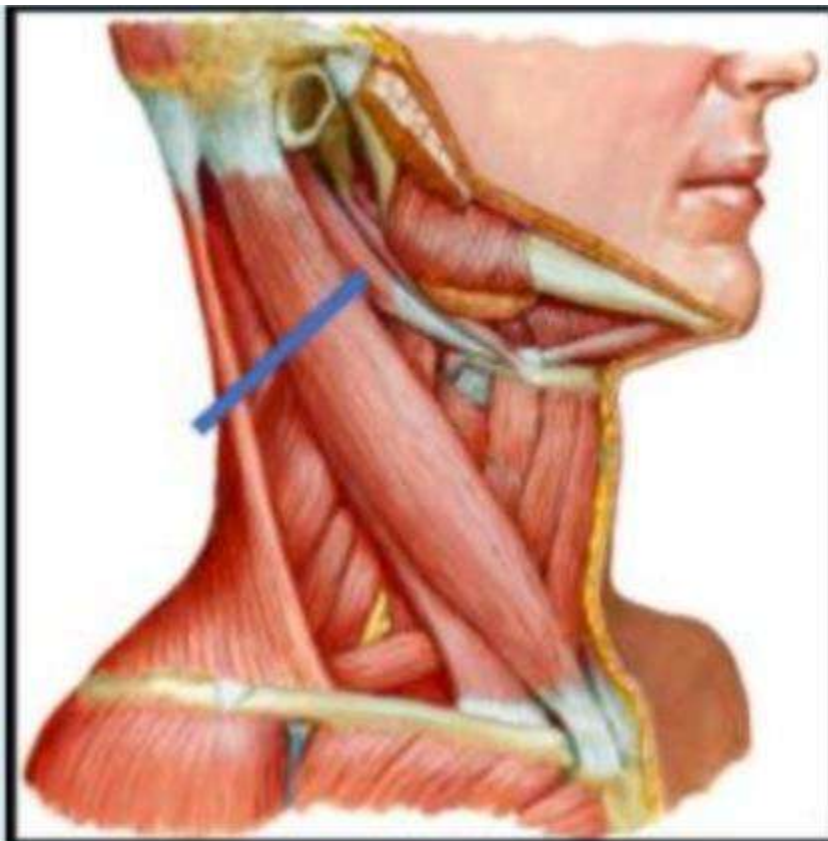
**b. Sebaceous gland**

c. Hair follicle

d. Keratin

e. Papillary

**Q.36 What is the labelled structure?**



Select one:

a. Anterior belly of digastric .

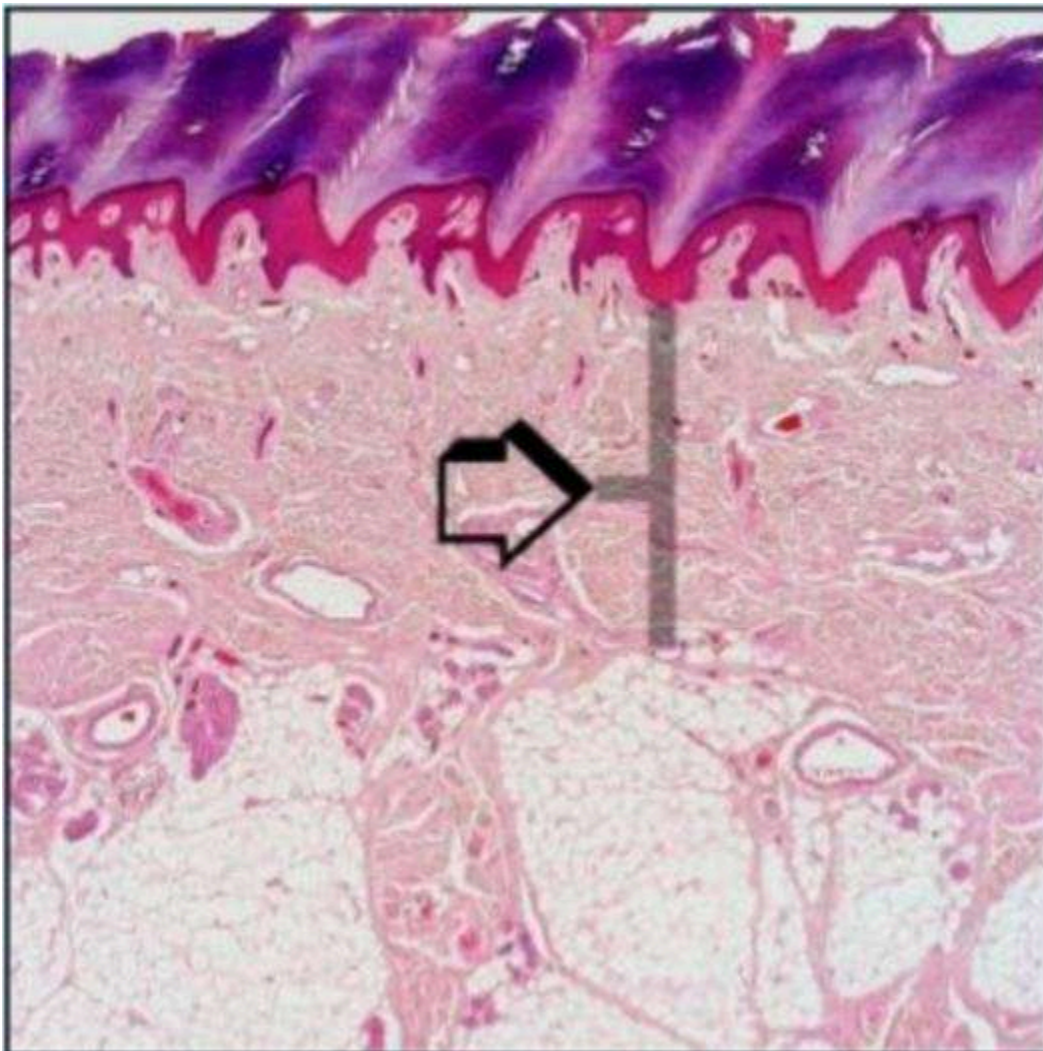
b. Platysma

c. Mylohyoid

d. Posterior belly of digastric

e. Genioglossus

Q.37 Identify a histological feature?



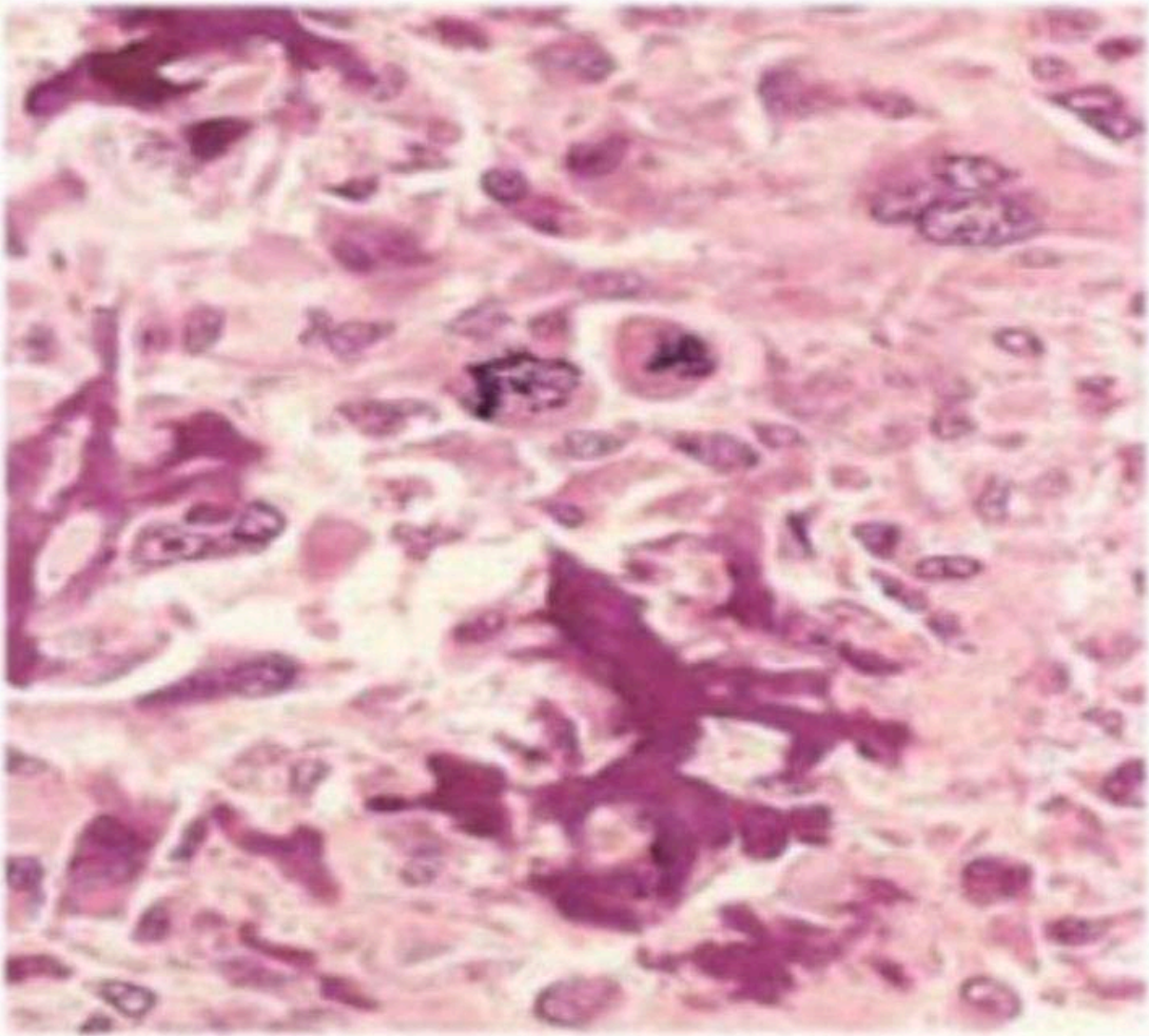
Select one :

- a. Stratum germinativum
- b. Stratum spinosum
- c. Reticular dermis
- d. Stratum lucidum
- e. Papillary dermis

**Q.38**

**An 18-year-old man sees the physician because he has had pain around the right knee for the past 3 months. A radiograph of the right leg shows an ill-defined mass involving the metaphyseal area of the distal right femur, and there is elevation of the adjacent periosteum. A bone biopsy specimen (shown in the picture) What the most likely diagnosis?**



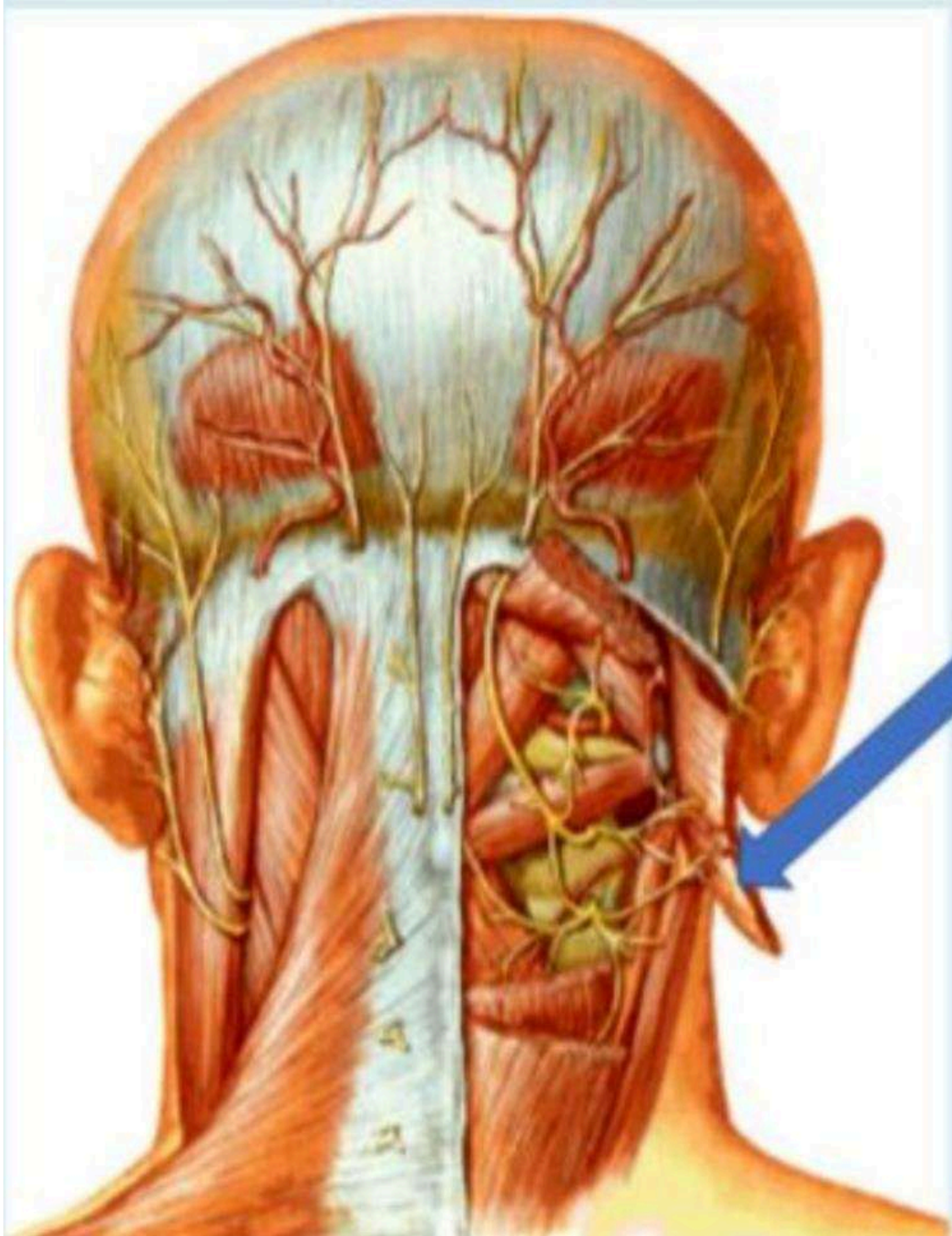


Select one:

- a. Ewing sarcoma
- b. Chondrosarcoma
- c. Giant-cell tumor of bone
- d. Fibrous dysplasia
- e. Osteosarcoma**

Q.39

What is the labelled structure?



Select one:

a. Splenius capitis

- b. Semispinalis capitis muscles
- c. Oblique capitis superior
- d. Rectus capitis posterior major
- e. Rectus capitis posterior minor

**Q.40**

**Which of the following histopathologic finding would be most likely found when examining the patient's skin under the microscope?**

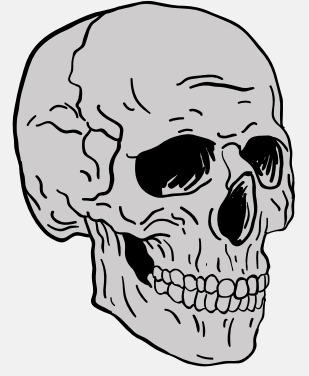
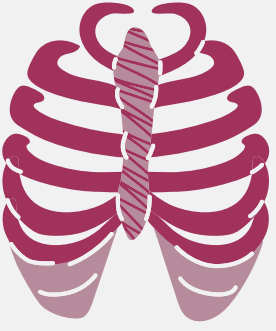


Select one

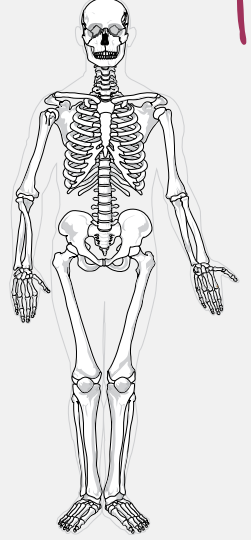
- a. Hyperkeratotic and acanthosis.
- b. Lymphocytes along the dermoepidermal with apoptotic keratinocytes**
- c. Confluent zones of basal epidermal necrosis
- d. Minimal spongiotic dermatitis

**e. A sparse superficial perivenular infiltrate of mononuclear cells**





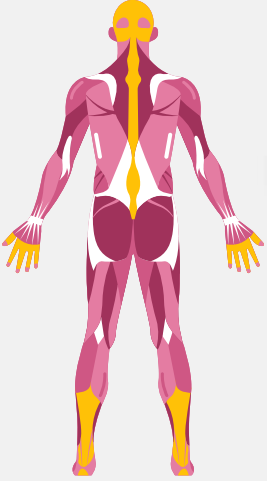
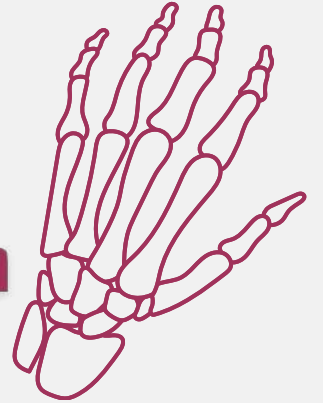
# MSS MODULE LAB EXAM



زوح 2021

Done by:

- Shahd Alayouben

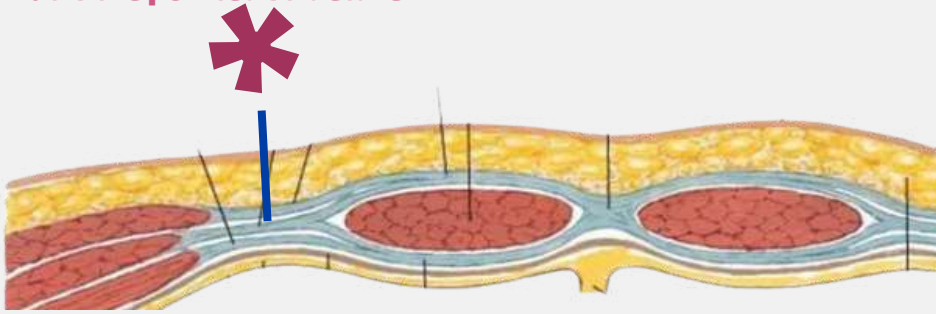


الطب والجراحة  
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# ANATOMY

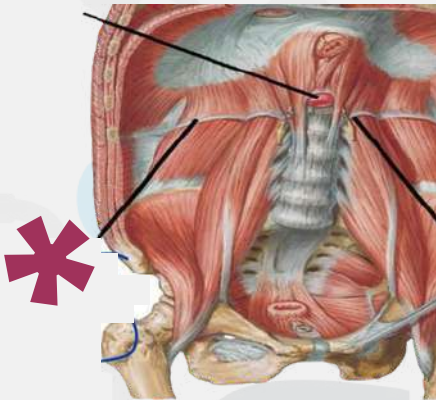
1. What is the pointed structure:



- A. Aponeurosis of transversus abdominis muscle
- B. Aponeuroses of external oblique muscle
- C. Aponeuroses of internal oblique muscle
- D. Anter layer of rectus sheath

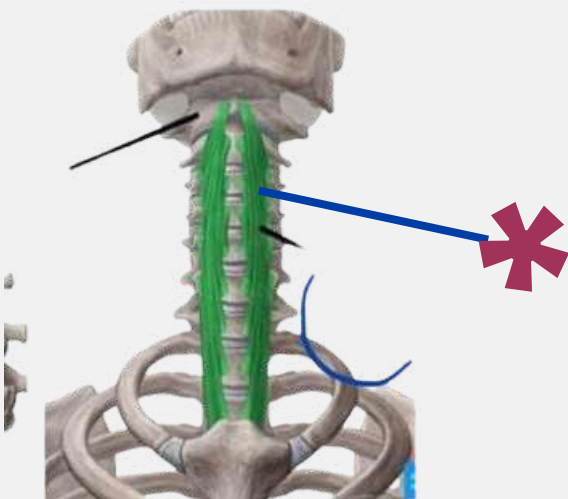
Answer: c

2. What is the pointed structure:



- A. Lateral arcuate ligament

3. What is the pointed structure:

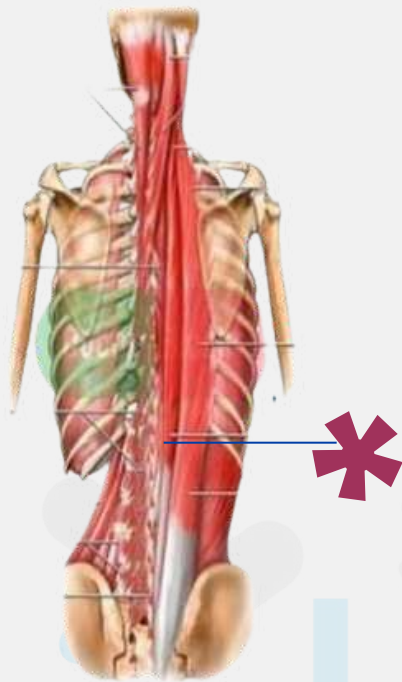


- A. Longus coli



# ANATOMY

4. What is the name of this muscle:



- A. iliocostals thoracis
- B. Iliocostals lumborum
- c. Longissimus cervicis
- d. Longissimus thoracic

Answer: d

5. What is the name of this muscle:

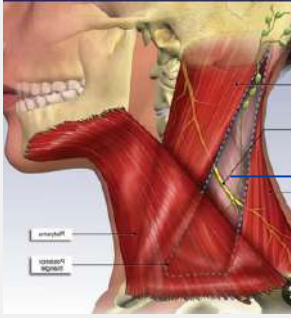


- A. Zygomaticus minor
- B. Masseter
- c. Levator labii superuosis
- d. Zygomaticus major

Answer: d

# ANATOMY

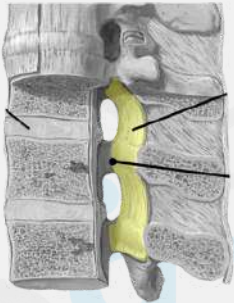
6. Name the pointed nerve



- A. Spinal Accessory nerve
- b. Hypoglossal nerve
- c. Facial nerve

Answer: A

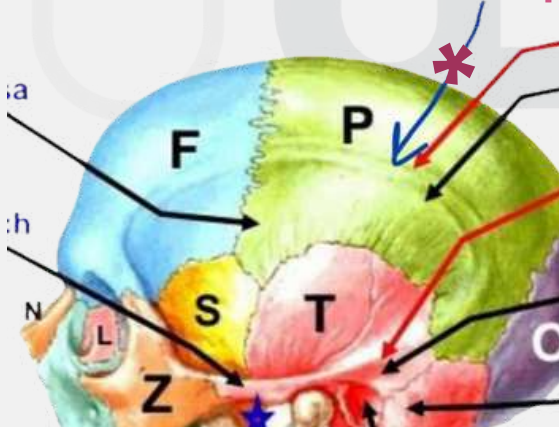
7. Name the colored structure:



- A. Intervertebral disc
- b. Ligamentum flavum
- c. Posterior longitudinal ligament
- d. Inter transverse ligament

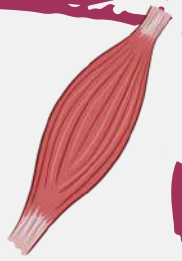
Answer: B

8. Name the muscle attached to the pointed structure



- A. Occipitofrontalis
- B. Temporals

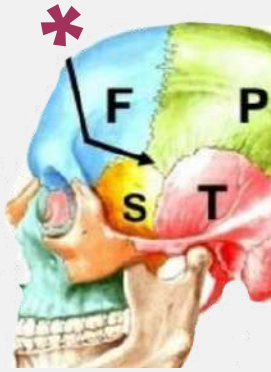
Answer: A





# ANATOMY

9. all the following are bone make the pointed structure EXCEPT:



A. mastoid process of temporal bone

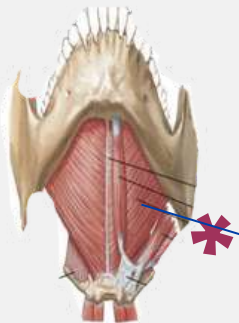
10. The pointed bone origin for which muscle :



- A. lateral pterygoid muscle
- b. Deep head of medial pterygoid
- c. Superficial head of medial pterygoid
- d. Masseter muscle

Answer: c

11. The innervation for the pointed muscle is :

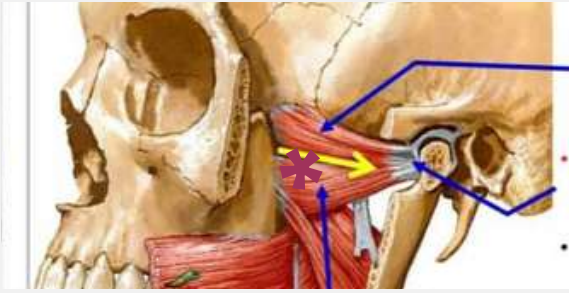


A. nerve to mylohyoid



# ANATOMY

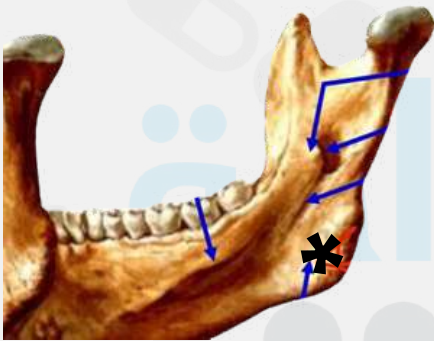
12. Origin of the pointed structure:



- A. Lateral surface of the lateral pterygoid muscle
- b. Deep head of lateral pterygoid

Answer: A

13. Name the ligament that attach to the pointed structure:



- A. Stylomandibular ligament

14. At its margin give extension to?



External spermatic fascia



# MICRO

15. This culture for which bacteria :



- A. *Pseudomonas aeruginosa*
- b. *S. pyogenes*
- c. *S. agalaciae*
- d. *S. aureus*

Answer: A

16. Wrong about this:



- a. The adult female shorter than male
- b. Found in blood

answer: b

17. The bacteria for this culture



- a. *Staphylococcus epidermis*
- b. *Staphylococcus aureus*
- c. *S. Pyogenes*



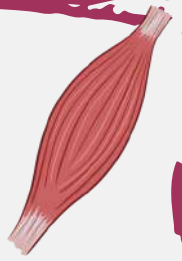
answer: b

18. This culture reffer to:

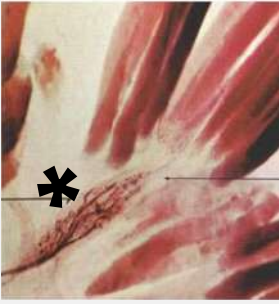


A. *S. aureus* on mannitol salt agar

# HISTO



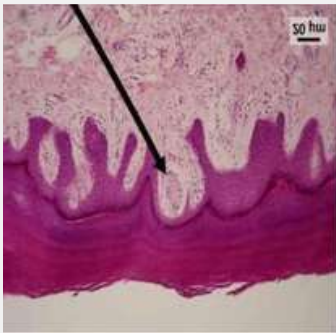
19. The function of the pointed structure :



A. Tension & counteract muscle spindle

20. What is the pointed structure:

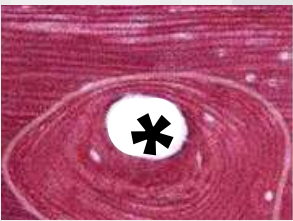
ملاحظة: جابتها النا بالشقلوب برضه



- a. Panicle corpuscles
- b. Messenir corpuscles
- c. Fusiform

answer: b

21.name the pointed structure:



- A. Cercimifential lamellae
- b. Lacuna
- c. Haversian canal
- d. Osteoblast



answer: c

22 . Name the pointed structure:



- a. Muscle spindle
- b. Golgi organ tendon
- c. Intrafusal fiber

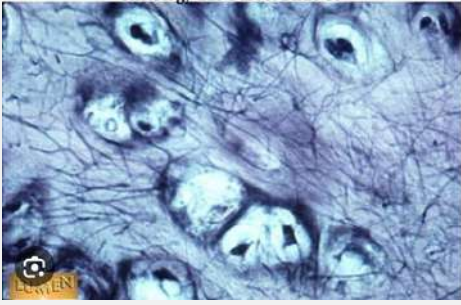
Answer: A



# HISTO



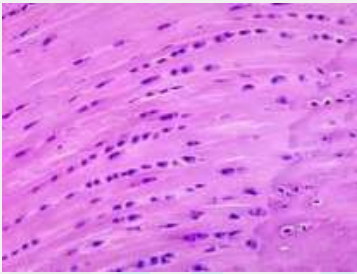
23. Type of this cartilage:



- A. Hyaline cartilage
- b. Elastic cartilage

answer: B

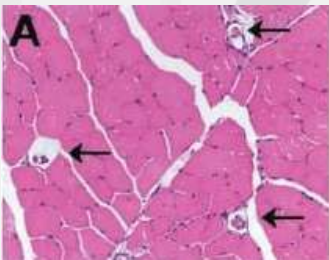
24. Which the following is correct about this structure?



- a. Cartilage with acidophilic matrix
- b. Cartilage with basophilic matrix

answer:a

25. Type of mechanoreceptor

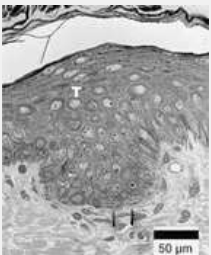


- A. Free nerve endings
- b. Golgi organ
- c. Muscle spindle



answer : c

26 . Name the type of this receptor located in epidermis :

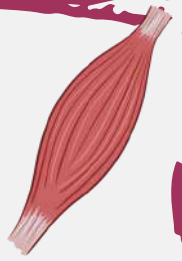


- a. Free nerve ending
- b. merkel cell

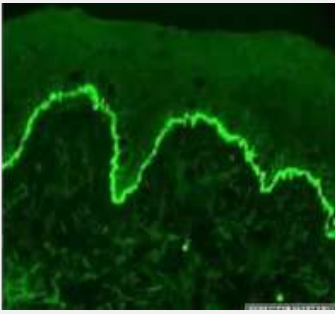
ملاحظة: يوجد اختلاف علاجاتين

Answer: b

# PATHO



27. which of the following related to this immunofluorescent study:



- A. Pemphigus vulgaris
- b. Bullous pemphigoid
- C. Pemphigus foliaceus

answer: B

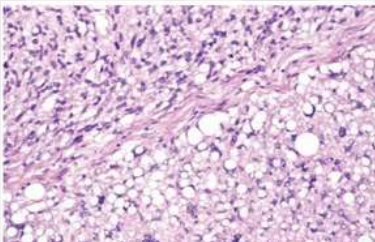
28. The diagnosis of this disease:



- a. photo dermatitis
- b. Allergic contact dermatitis
- c. Primary irritant dermatitis

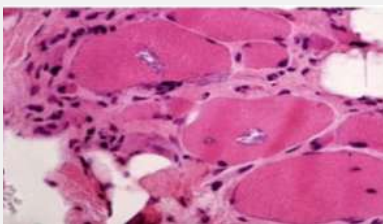
29. This histological pattern related to which disease:

answer:a



- A. Peomorphic liposarcoma

30> all about this pathological findings are true except

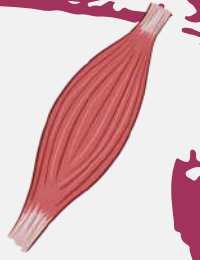


- a. most common in young and children
- b. no response to immunosuppressive drugs
- c. vacuole with granules
- d. inflammation is secondary event

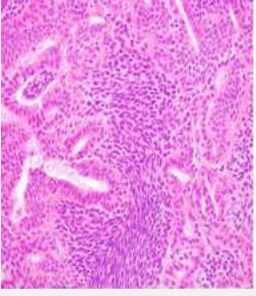
Answer: a



# PATHO



31. Regarding this disease the mutation occur in :



- A. SS18
- b. PAX3

Answer: a

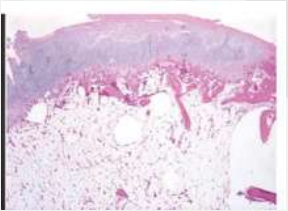
32. 57 years old man with aggressive tumor , all about it true except



- 1) bimodal distribution
- 2) MDM2 and CDK4 less expressed
- 3) CDKN2A shares with other Tumours
- 4) periosteal preserved with sclerotic mass

Answer: 2

33. Can progress to



- 1) osteochondroma
- 2) chondrosarcoma
- 3) osteosarcoma



Answer: 1

34. All of the following are true about osteosarcoma except:

السؤال غير مكتمل

Minimally 10% of cases of osteosarcoma can be diagnosed..

من دخل عليه رمضان وهو مشغول بالدراسة الجامعية والإستعداد للامتحانات وغيرهم، فليحتسب دراسته من جملة أوارد التعبدي وينوي ذلك، لكن لا ينحط عن صلاة التراويح وتلاوة جزء من القرآن، وليجتهد في التفرغ في العشر الأواخر ما استطاع، وليعوض فوائت الأوراد بكثرة ذكر لله آناء الليل وأطراف النهار؛ فإن للذِّكر أثرًا فعلاً في تهذيب النفس واستدراك النقص .

- الشيخ محمد بن محمد الأسطل.

فتح لله عليكم فتوح العارفين، لا تنسوا غزاة والامة من صالح دعائكم