3rd YEAR MBBS
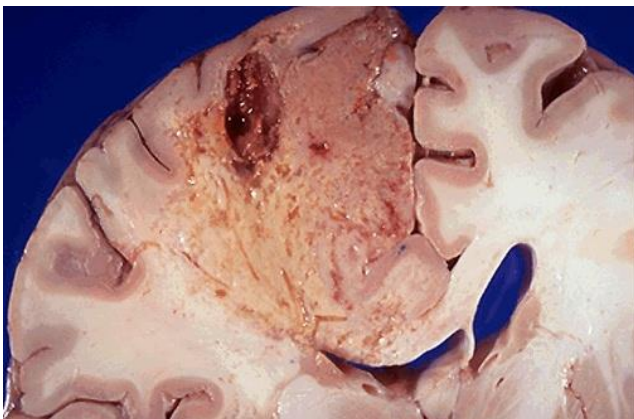**GENERAL BACTERIOLOGY**
OBJECTIVE STRUCTURED PERFORMANCE EVALUATION (OSPE)

UNOBSERVERED STATION

For Candidate:

Marks 04   Time Allowed 04 min

TASK

1) Examine the specimen and identify the lesion.   (01)
2) Give its two common causes.(1)

3) What is gangrene and its types (2)

ans

1)Liquefactive necrosis

2)fungal ,bacterial infection

3)injury and infection due to loss of blood supply is called gangrene
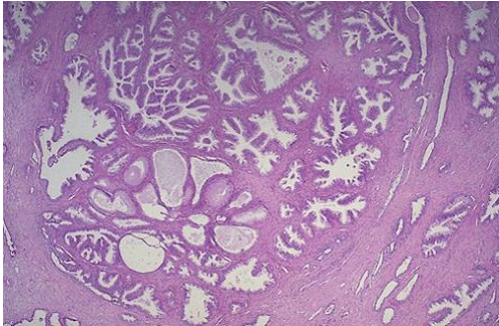
i.gas

ii.dry

iii.wet gangrene

3rd YEAR MBBS
GENERAL BACTERIOLOGY
OBJECTIVE STRUCTURED PERFORMANCE EVALUATION (OSPE)

UNOBSERVERED STATION

For Candidate:

Marks 04   Time Allowed 04 min

Task:

1) Identify the lesion (1)
2) Define this process and give key features to identify . (2)
3) Name   two other sites where this adaptation can occur. (1)

ans

1)Nodular hyperplasia

2)beging tumor of liver

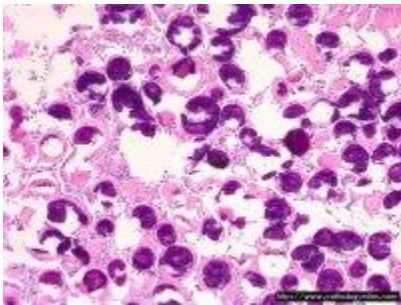key:2nd most prevalent tumor of liver

asymptomatic

rarely grow or bleed

no malignent postule

3)liver ,pancreas

3rd YEAR MBBS
GENERAL PATHOLOGY
OBJECTIVE STRUCTURED PERFORMANCE EVALUATION (OSPE)

UNOBSERVERED STATION

Task

1) Examine the slide and Identify the lesion (1)

Dystrophic Calcification

2) What is its macroscopic appearance. (1)

Microscopically, on Haematoxylin and Eosin stained sections, calcium appears as basophilic, amorphous granular or clumped

3) What are its two types (1)

Dystrophic & metastatic Calcification

4) Name two sites where this lesion can be encountered. (1)

Heart & Skeletal muscles

by F18-143

3rd YEAR MBBS
GENERAL PATHOLOGY
OBJECTIVE STRUCTURED PERFORMANCE EVALUATION (OSPE)
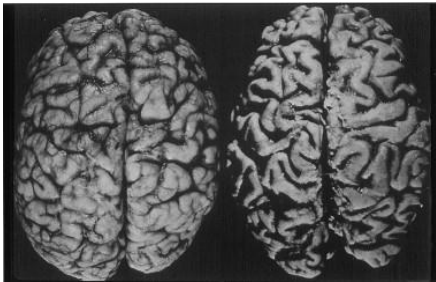
UNOBSERVERED STATION

Station (Unobserved station)

For Candidate:

Marks 04   Time Allowed 04 min

Task:

1) You are shown a specimen of brain, identify the lesion(1)
2) What is the name of disease in which this specific change can occur and define the process(02)
3) Name other causes of this type of lesion. (1)

ans

1)atrophy

2)atherosclerosis ,cerebellar disease

3)oss of blood supply
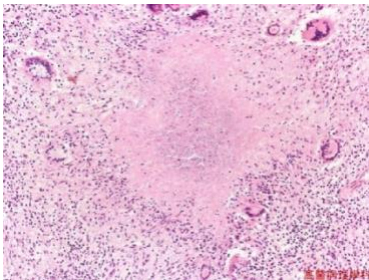
loss of innervation

dec work load

3rd YEAR MBBS
GENERAL PATHOLOGY
OBJECTIVE STRUCTURED PERFORMANCE EVALUATION (OSPE)

UNOBSERVERED STATION

For Candidate:

Marks 04   Time Allowed 04 min

TASK

1) Examine the focused slide and identify the pink material in the centre of lesion.   (01)
2) Name two important cells found in this type of lesion. (1)
3) Write down names of two other this types of lesions.(2)

ans.

1. Caseous Granuloma with central zone of necrosisGrossly, it has a granular, cheesy appearance – caseous necrosisMicroscopically, amorphous, structureless, eosinophilic granular debris with complete loss of cellular details.
2. Epithelioid cells and Langhans giant cells
3. Non-necrotizing/Non-caseating granuloma and Fibrotic granuloma OR foreign body and immune granulomas

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UNOBSERVERED STATION

For Candidate:

Marks 04   Time Allowed 04 min

1) Identify the arrowed material and starred spaces. (1)
2) What is the basic cause of development o these accumulations (1)
3) Name two exogenous pigments (2)

Ans
1) Arrow Mallory Hyaline (Eosinophilic) inclusions
Star Vacuole containing VLDL
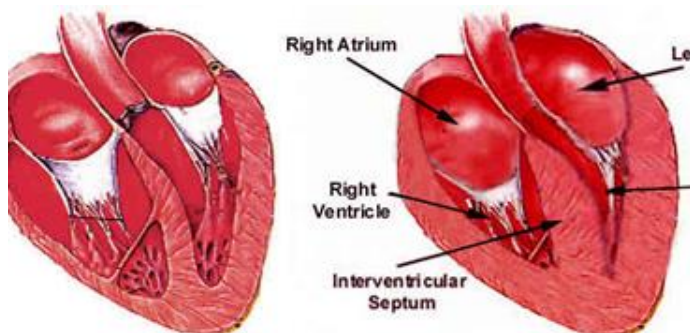2)Chronic Alcoholism
3)Lead & Silver

by F18-143

UNOBSERVERED STATION

For Candidate:

Marks 04   Time Allowed 04 min

- a- What is the diagnosis 1
- b- Define it   1
- c- What are the causative factors? 2

3rd YEAR MBBS
GENERAL PATHOLOGY
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<u>**UNOBSERVERED STATION**</u>

For Candidate:

Marks 04   Time Allowed 04 min

a- What is the diagnosis 1
b- Define it   1
c- What are the factors causing this condition.   2

ans

1)hypertrophy

2)inc size of cell,inc size of organ
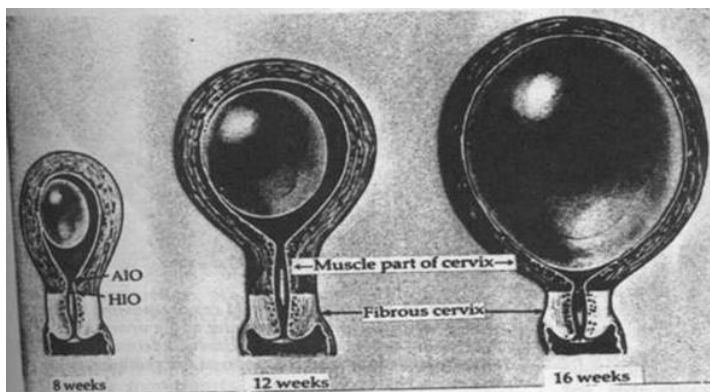
3)mechanical stretch

agonist,growth factors

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UNOBSERVERED STATION

For Candidate:

Marks 04   Time Allowed 04 min

a- What is the diagnosis   1
b- Define it   1
c- What are the factors causing this condition.   2

ans

1)

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<u>UNOBSERVERED STATION</u>

For Candidate:
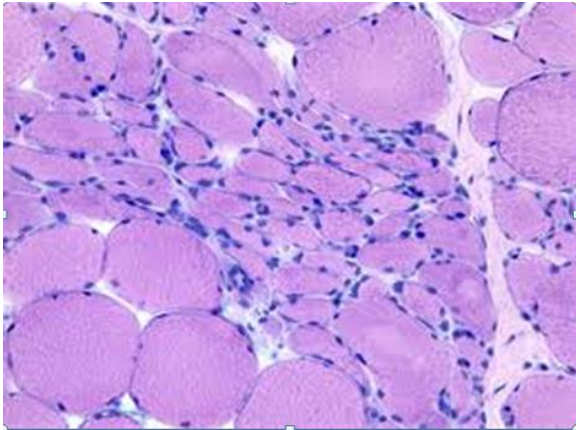
Marks 04   Time Allowed 04 min

For Candidate:

Marks 04   Time Allowed 04 min

a- What is the diagnosis?   1
b- Define it. 1
c- What are the factors causing this condition? 2

ans

1)spinal muscle atrophy

2)atrophy :decrease size of cell,no of cells,size of cells.

3).Inc protein degradation

.inc protein loss

.inc protein deformation

.protein synthesis

.loss of innervation

.loss of blood supply

.dec work load