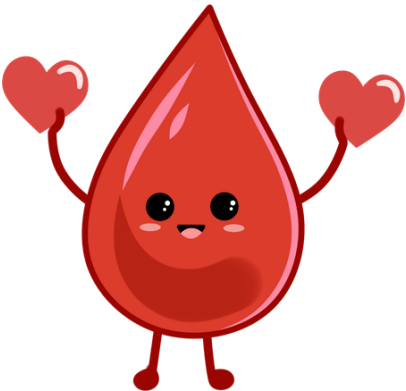


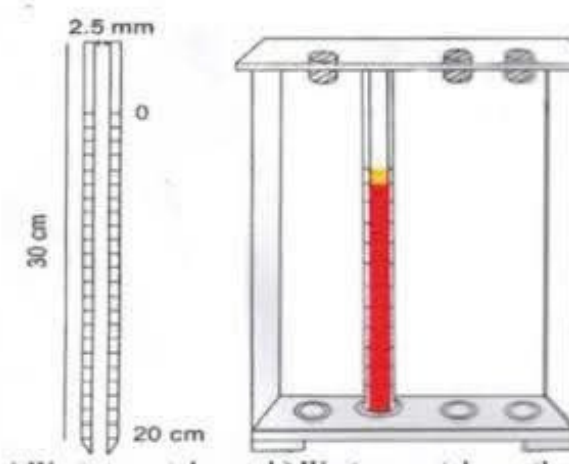
HLS

LAB ARCHIVE

DONE BY:-
BESAN KHALED



1. What test is performed using the apparatus shown in the photo ?



Answer : Erythrocyte sedimentation rate (ESR)

2. What test is performed using the apparatus shown in the photo ?

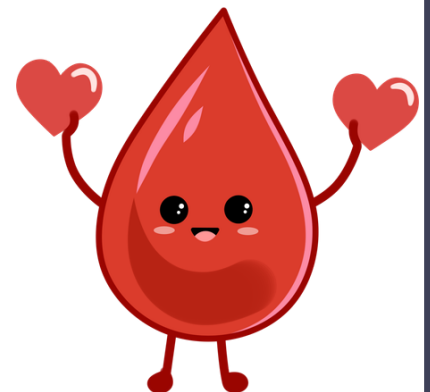


Answer : Hematocrit (HCT)

3. All the following are true about prolonged bleeding time except :

- A.purpura
- B.hemophilla
- C.vit.c deficiency
- D.prolonged use of aspirin
- E.vWF

Answer : B



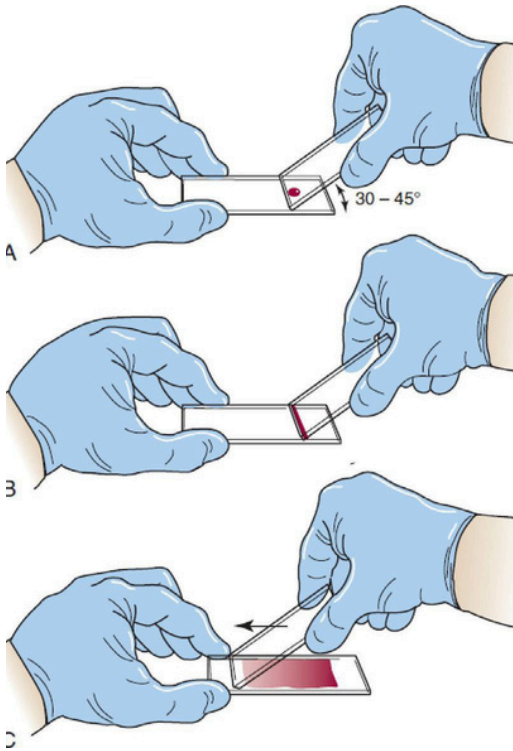
4. What is the normal range for clotting (coagulation) time in humans ?

Answer : 3-10 minutes

5. HCl is added to the diluting tube up to the mark ?

Answer : 10%

6. What test is performed using this technique ?

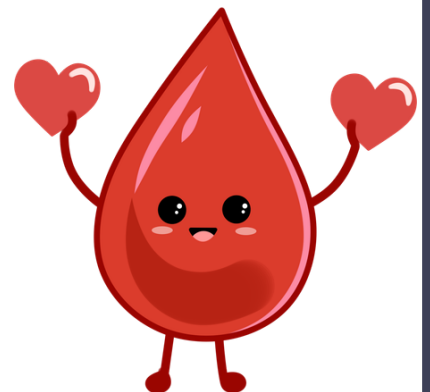


Answer : Blood grouping

7. What test is performed using the apparatus shown in the photo ?



Answer : Bleeding time



8. Choose the correct answer about ESR :

- A) the anticoagulant / blood ratio = 4:1
- B) not specific test

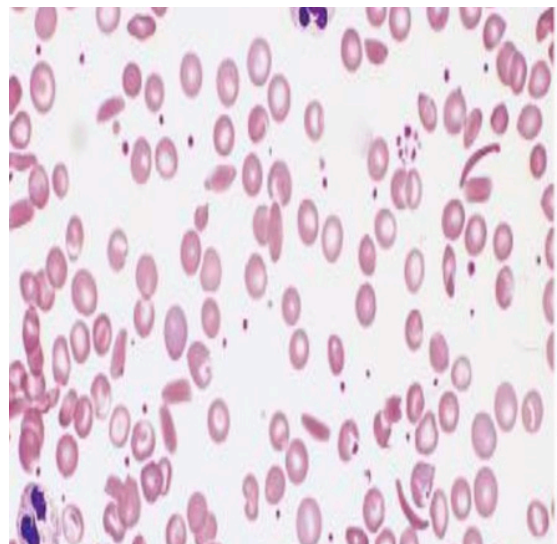
Answer : B

PATHOLOGY

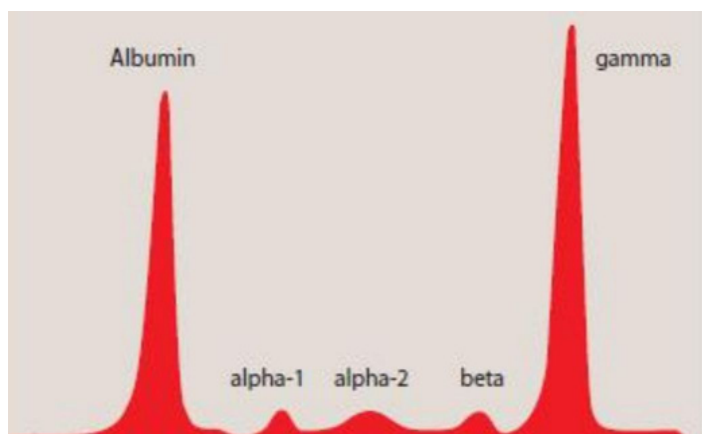
1. All the following are ways of treatment for the disorder in the picture except :

- A) fluid replacement
- B) plasma exchange
- C) pain relief
- D) high dose steroids
- E) prophylactic AB

Answer : D

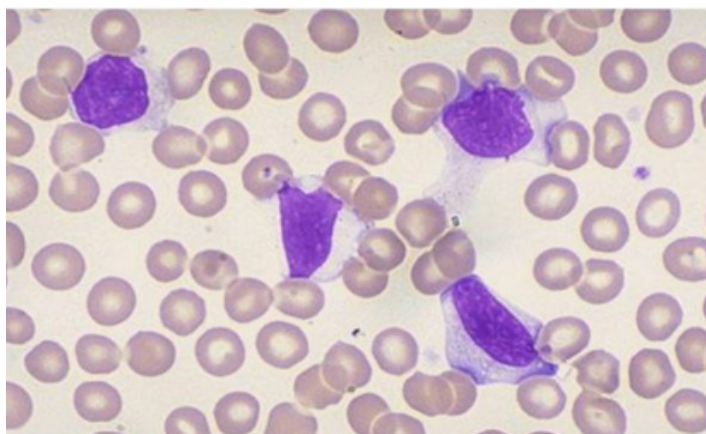


2. This photo indicate :

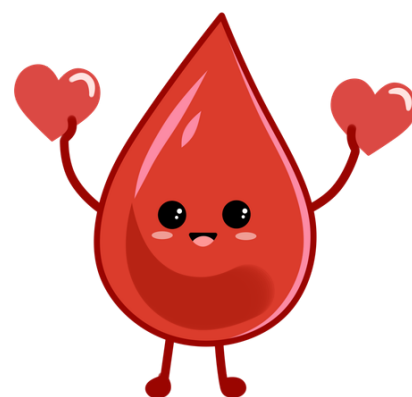


Answer : multiple myeloma

3. This photo indicate :



Answer : CD8+ Cells



4. most diagnostic tool for this picture is :



Answer : factor VIII assay

5. What is the mechanism responsible for this feature ?



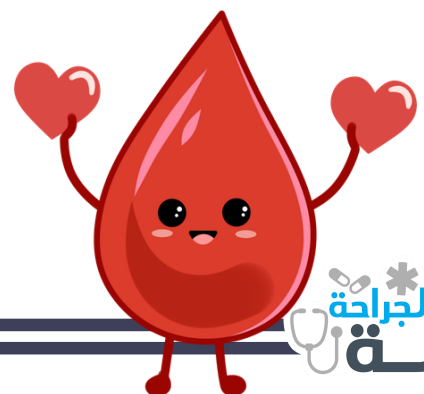
Answer : Increase tyrosinase activity

6. Select one:

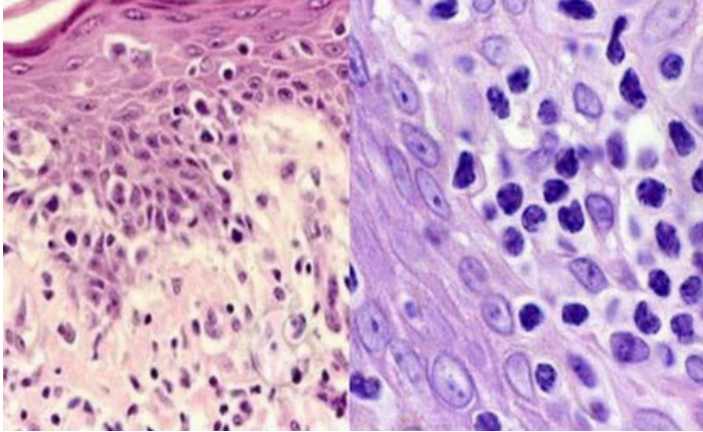
- A) AML with erythroid differentiation
- B) AML with megakaryocytic differentiation
- C) AML with monocytic differentiation
- D) AML acute promyelocytic leukemia
- E) AML with inv(16)



Answer : C



7. Case (a patient with rash) :



Answer : Mycosis Fungoides

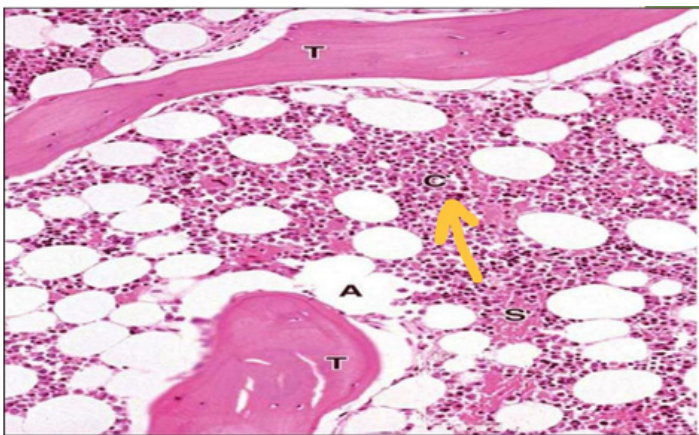
8. Diagnosis :



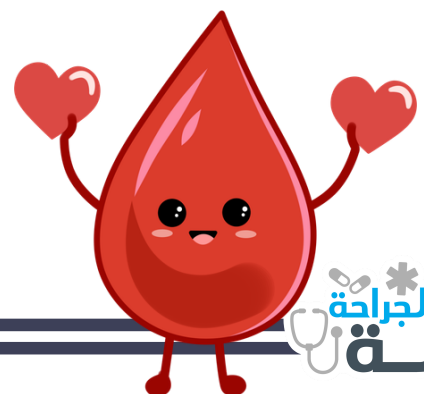
Answer : Microcytic anemia

HISTOLOGY

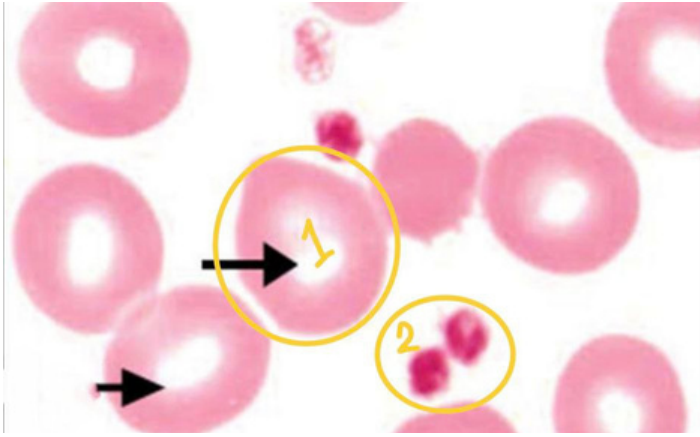
1. Identify the structure :



Answer : hematopoietic cell in red bone marrow

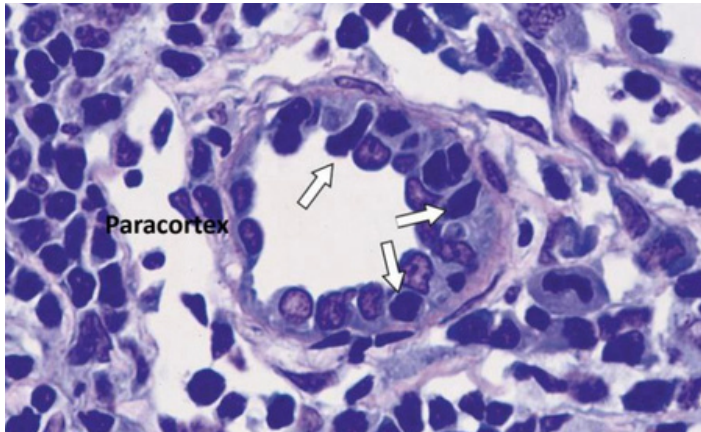


2. Identify :



Answer : 1- red blood cells , 2- platelets

3. What type of cells are indicated by the arrows in the image ?

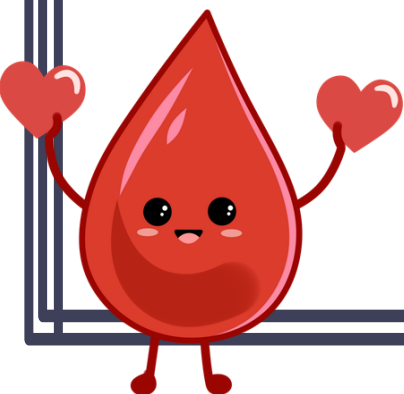
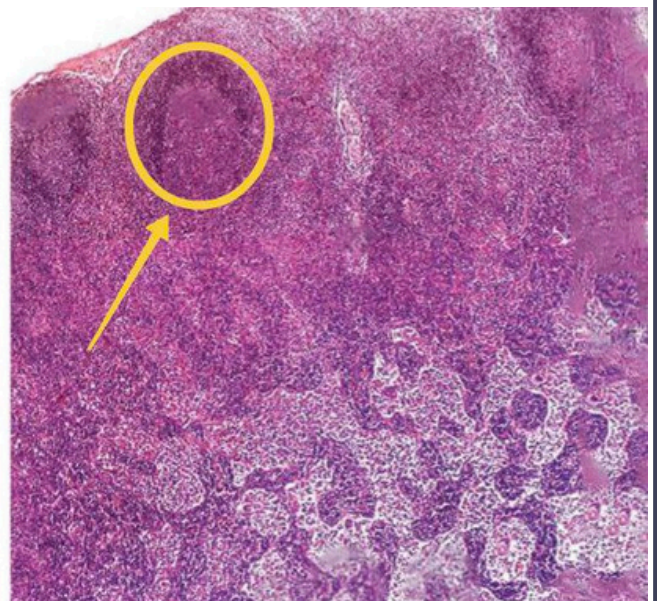


Answer : T lymphocytes

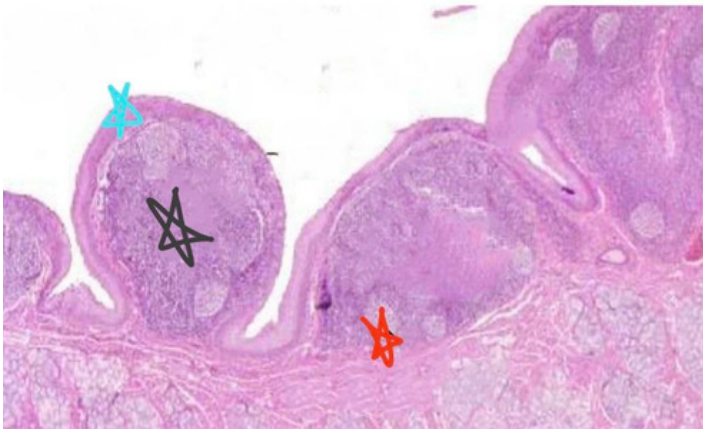
4. Identify the structure :

- A) lymph follicle in paracortex
- B) lymph nodule in cortex

Answer : B

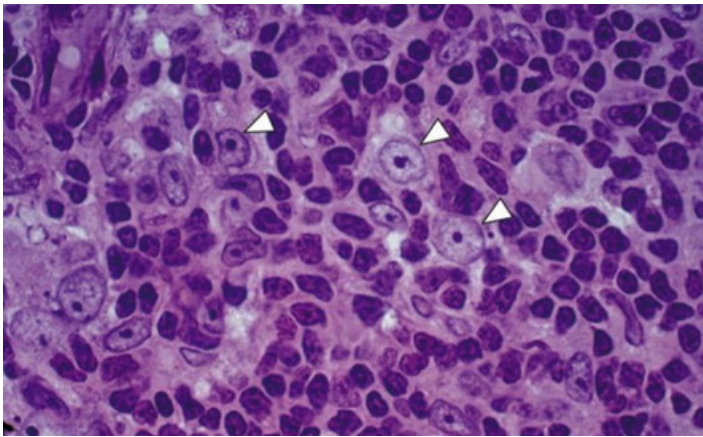


5. Which colour indicate for lymphatic tissue :



Answer : black

6. Identify the structure highlighted by the arrowheads :

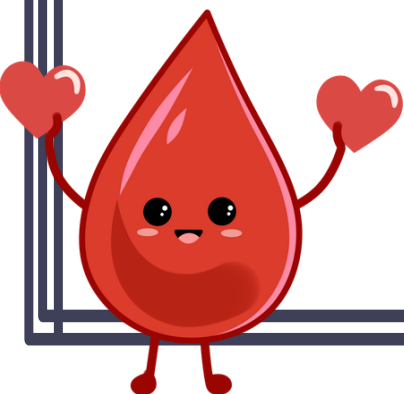
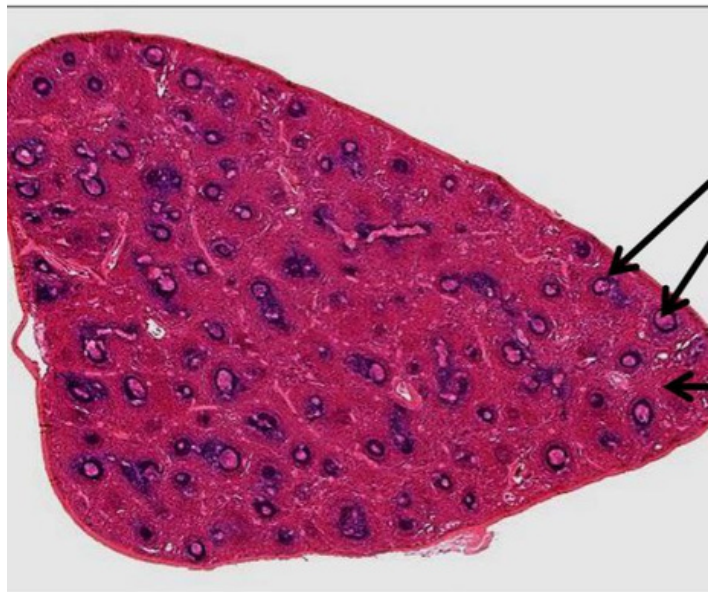


Answer : Epithelial reticular cell

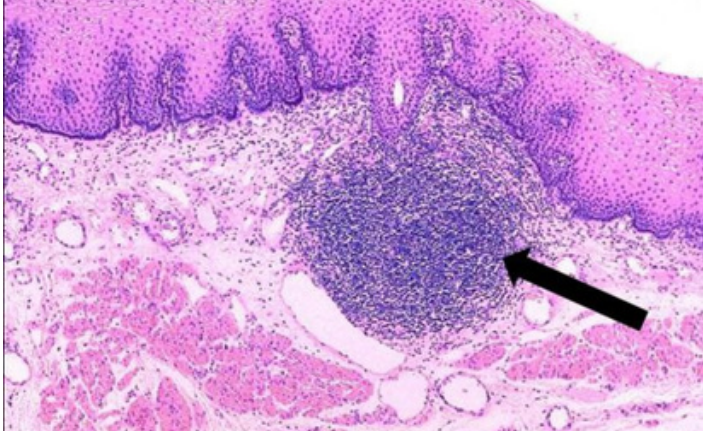
7. Identify the structure :

- A) spleen
- B) thymus

Answer : A

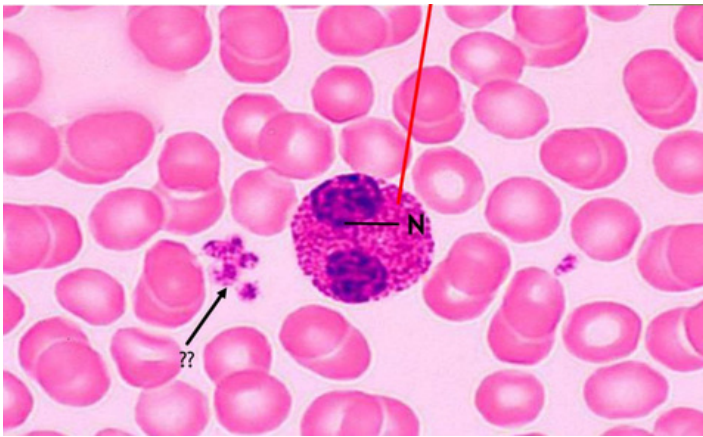


8. Identify the structure :



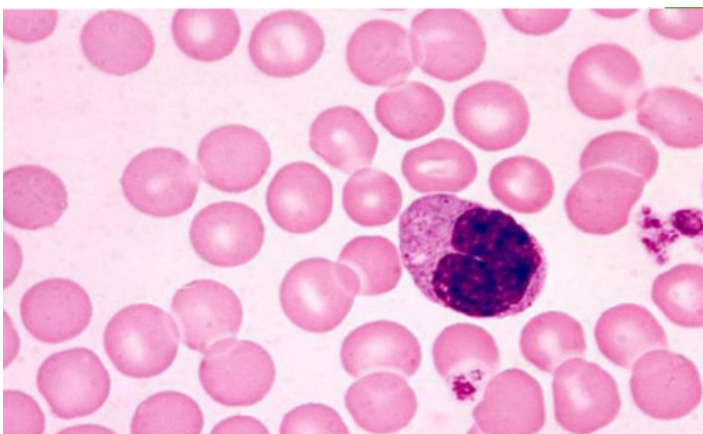
Answer : GALT/esophagus

9. What type of granules are characteristic of this cell ?



Answer : Eosinophilic granules

10. Identify the structure :



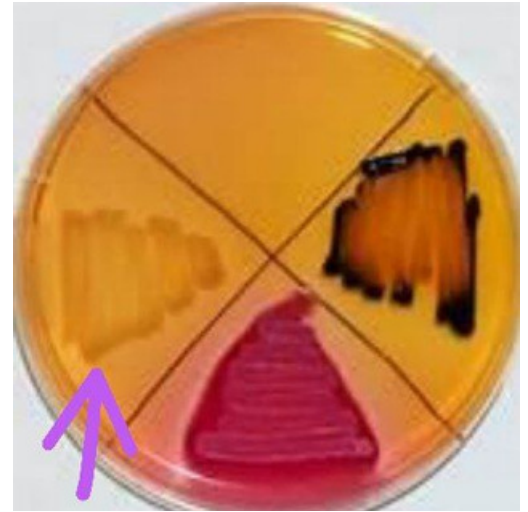
Answer : Agranulocyte with kidney shaped eccentric nucleus



1. Identify the structure :

- A) Shigella
- B) Salmonella

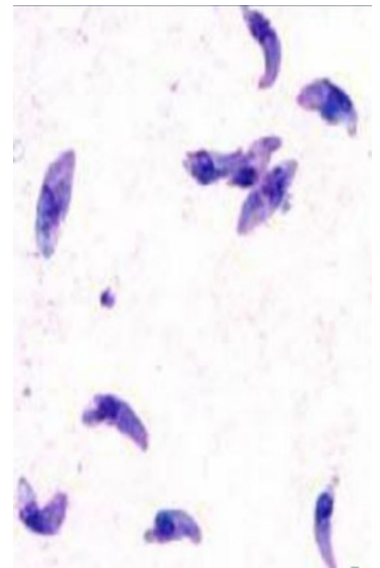
Answer : A



2. Identify the structure :

- A) Microfilaria of wuchereria bancrofti
- B) Toxoplasma gondii trophozoite

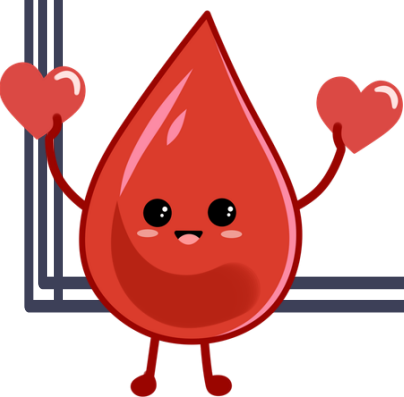
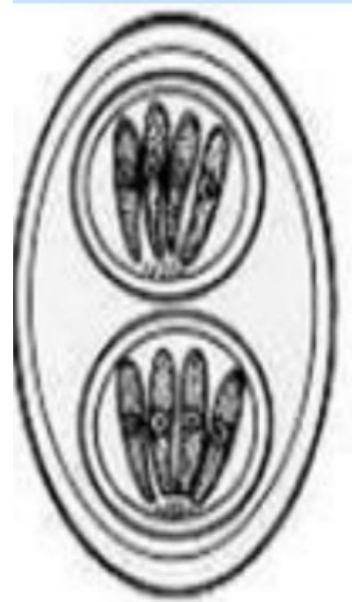
Answer : B



3. Identify the structure :

- A) Promastigotes
- B) Epimastigotes
- C) Amastigote (D.S) of visceral Leishmaniasis

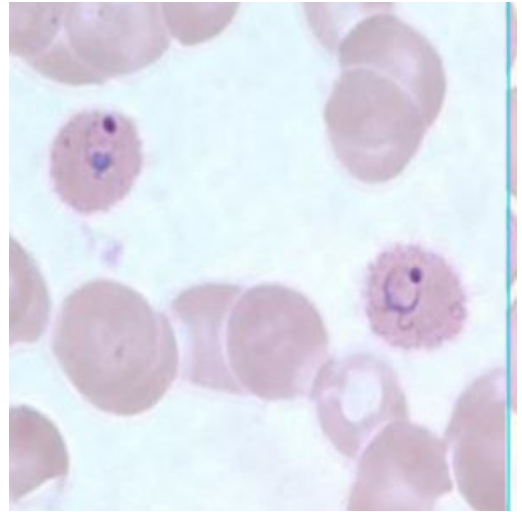
Answer : C



4. Which stage of malaria species ?

- A) *P. vivax*
- B) *P. ovale*
- C) *P. falciparum*

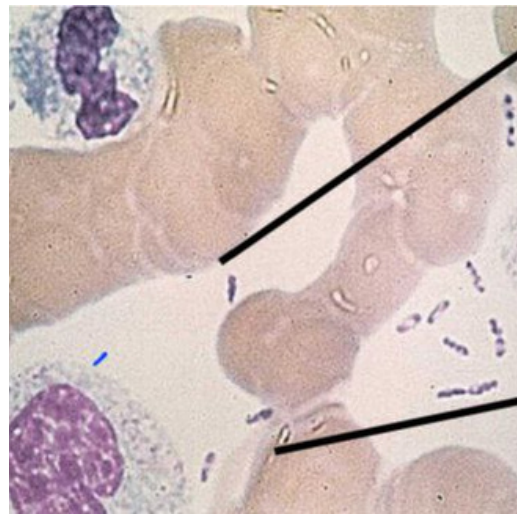
Answer : B



5. What is the diagnosis ?

- A) *Microfilaria of wuchereria bancrofti*
- B) *Toxoplasma gondii* trophozoite

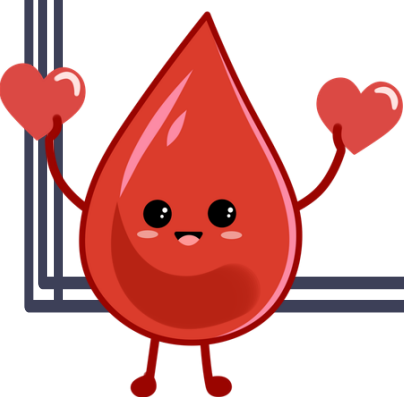
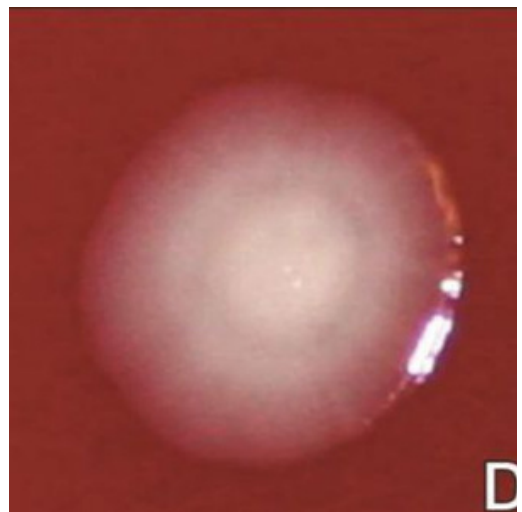
Answer : Y.pestis



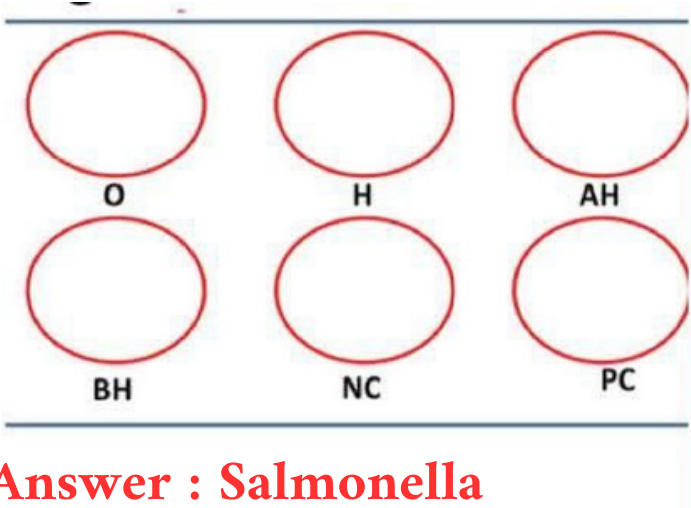
6. Identify the colony:

- A) *Salmonella* growing on chocolate agar
- B) *Yersinia pestis* growing on blood agar
- C) *Brucellosis* with fried egg appearance

Answer : B

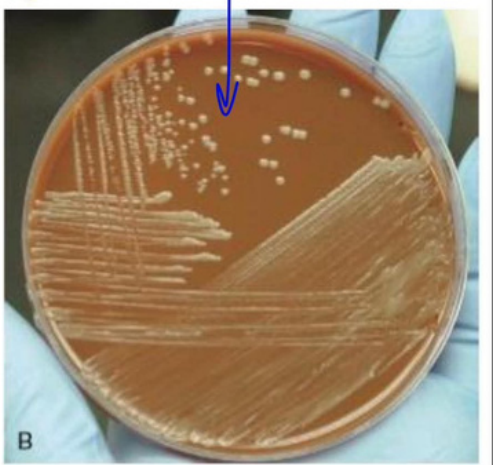


7. This is used for the diagnosis of :



Answer : Salmonella

8. What is the diagnosis ?



Answer : Brucellosis

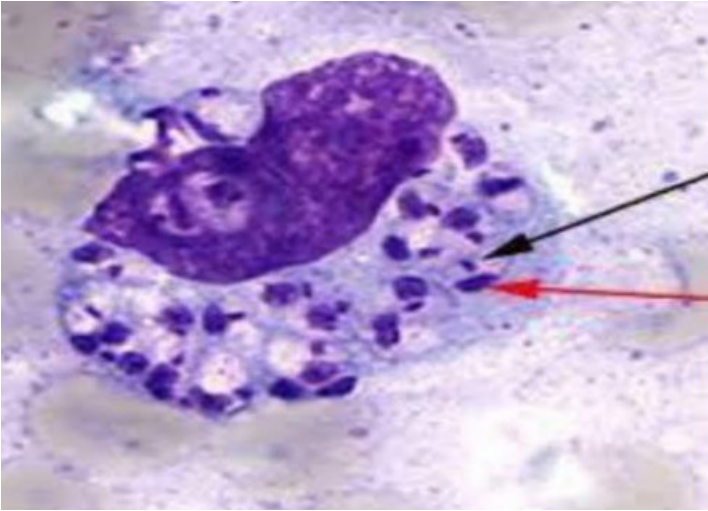
9. What is this ?



Answer : Microfilaria of Wuchereria bancrofti



10. Identify structure :



- A) Promastigotes
- B) Epimastigotes
- C) Amastigote (D.S) of visceral Leishmaniasis

Answer : C

