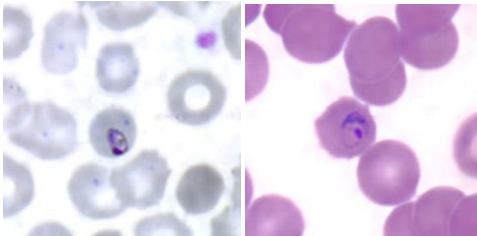
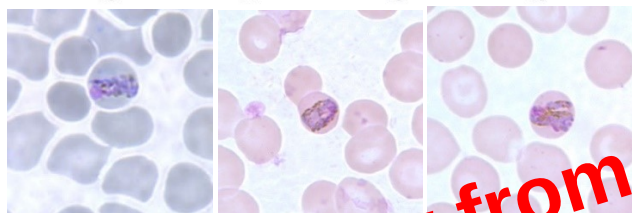
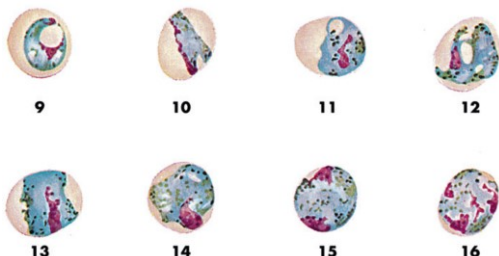




Bird's eye trophozoite



Trophozoite



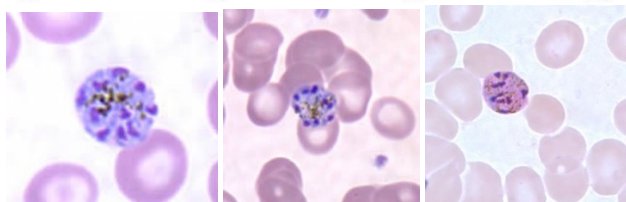
Trophozoite – Band Form



Trophozoite – Basket Form

- In developing trophozoites of *P. malariae*, chromatin is rounded or streaky
- cytoplasm is usually compact with no vacuole
- Pigment may be coarse and peripheral.
- As the trophozoites mature, the cytoplasm may elongate across the host RBC → forms a 'band-form'
- may be oval with a vacuole forming a 'basket-form'
- Chromatin is usually in a single mass, less definite in outline
- Pigment granules become larger and tend to have a more peripheral arrangement

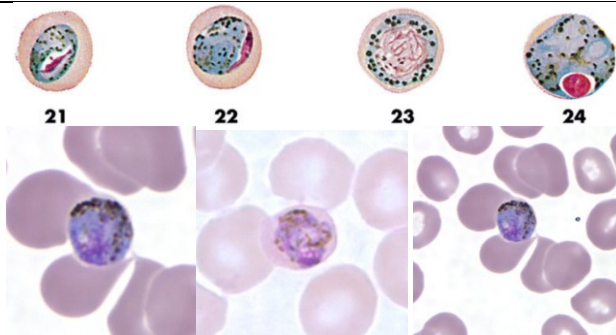
Schizonts



Schizonts

- 6 to 12 (usually 8) merozoites often arranged in rosettes or irregular cluster
- Mature schizonts nearly fill up the normal sized host RBCs
- Coarse pigments, often peripheral
- Can be common in the PBS

Gametocytes

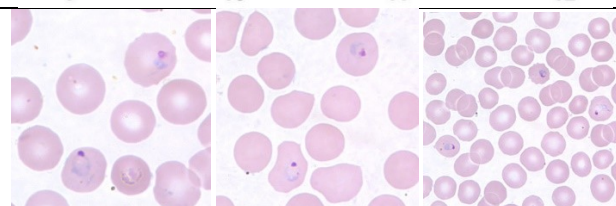


Gametocytes

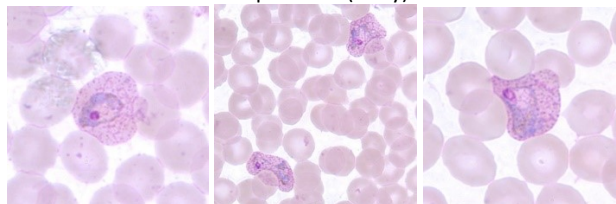
- Compact, tends to fill host RBC
- No enlargement of RBCs, may be reduced in size
- Blue cytoplasm with pink to red chromatin

P. Vivax

Trophozoite



Trophozoite (early)



Preview from Notesale.co.uk
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