



# PARASITIC REVIEW FOR PEDIATRICIANS

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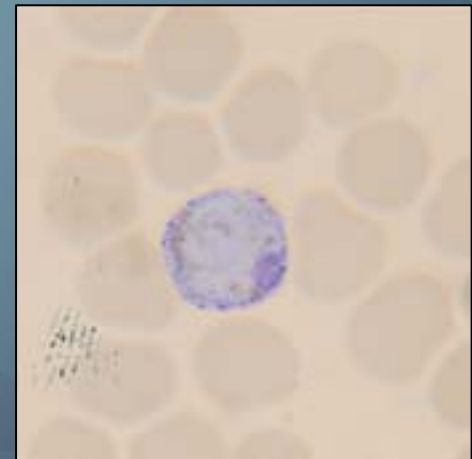
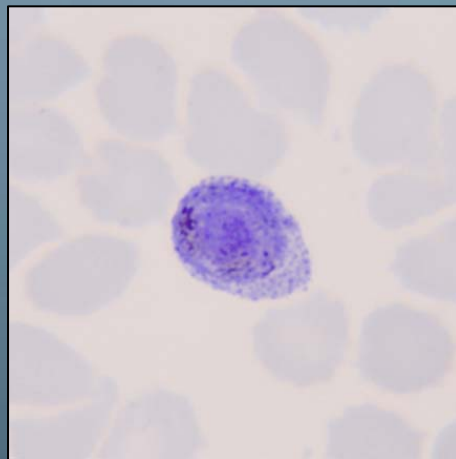
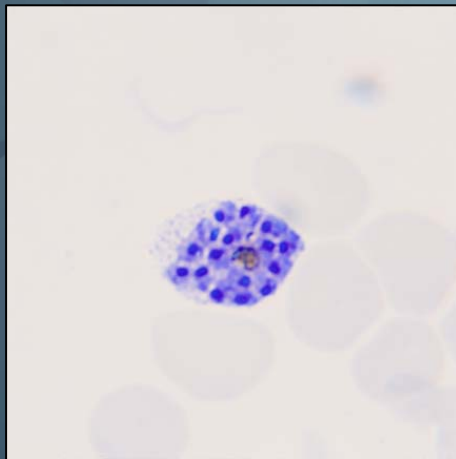
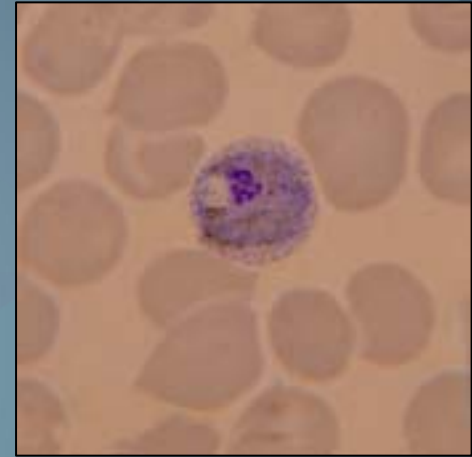
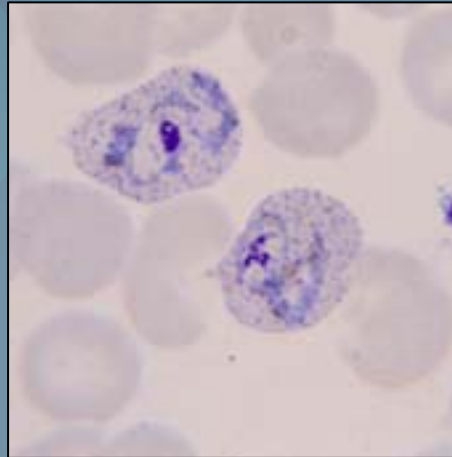
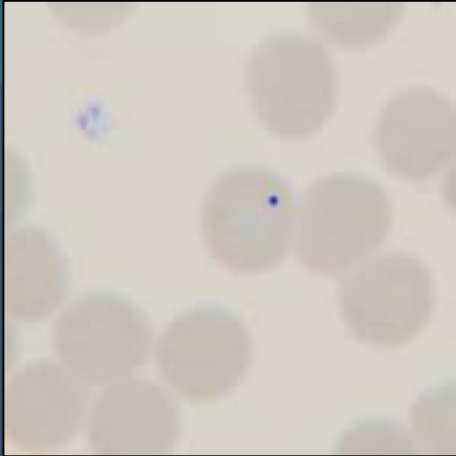
# Classification of Parasitic Infection Based on Health Problem

- **Parasites causing fatality**
  - Malaria
  - Leishmania
- **Parasites causing severe morbidity/ disability/ disfiguring**
  - Leishmania
  - Filaria
- **Parasites compromising health**
  - Intestinal parasites
  - Ectoparasite

# Problems in Parasitic Infection

- Mostly occur in poor countries and associated with poor environment and hygiene
- Vaccines for some diseases are necessary, but development is slow due to the neglected nature of the diseases & low capacity for defining Ag to elicit sterilizing immunity against complex organism with multiple stage
- Population-wide treatment is the most cost-effective way to control some diseases but might lead to drug resistance

# *Plasmodium vivax*



# *Plasmodium falciparum*

