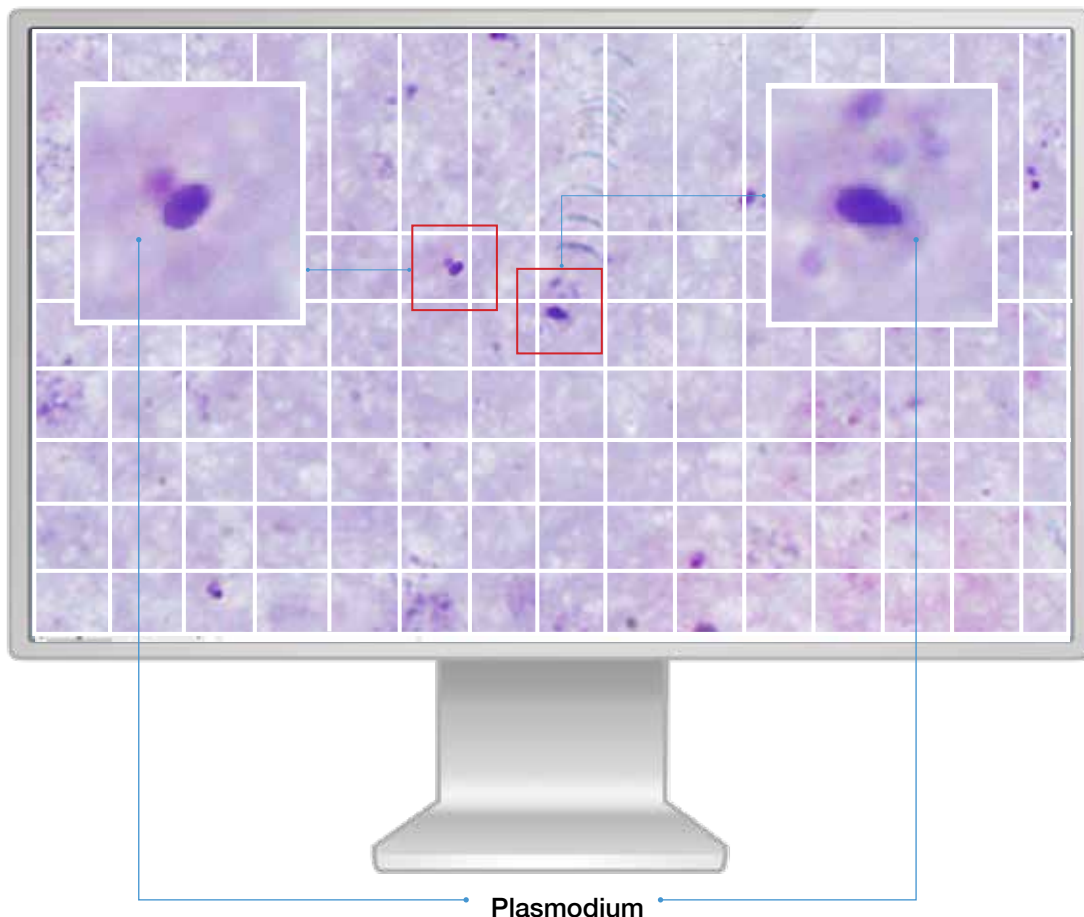


Vision Malaria

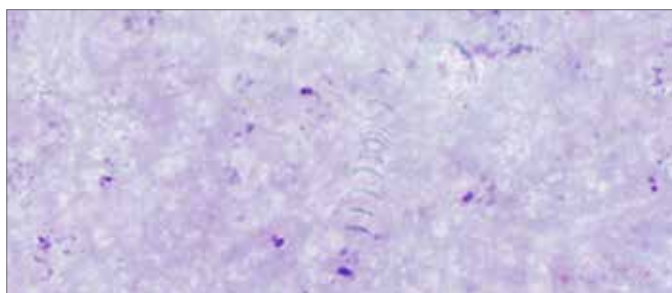
Evaluation of blood smears for hemoparasites



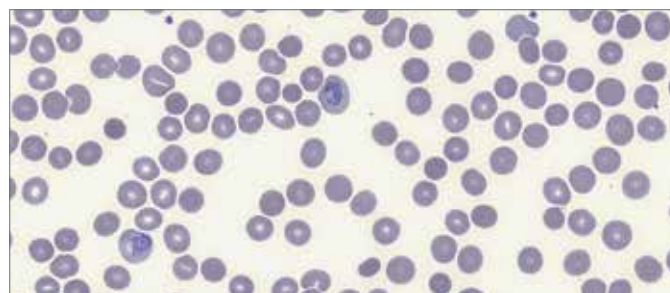
Evaluation of blood smears for hemoparasites



- Digital slide for thick smear to detect plasmodium. Automatic scanning of 100 fields of view
- Digital slide for thin smear to detect plasmodium type. Automatic scanning of samples with RBC calculation (up to 800 fields)
- In accordance with RBC collected plasmodium present is identified by the user by reviewing the collected fields of view
- Algorithm of identify plasmodium type — algorithm proposes standard procedure to identify plasmodium type
- Calculation of percentage parasitemia



Digital slide for thick smear



Digital slide for thin smear

▲ **Sample Attributes**

▲ **Algorithm of identify plasmodium type**

Index "A" Have you ever been in a malaria risk area (for example: Africa, Asia, Latin America, etc.)?

Have you ever been to Malaysia?

Did you ever receive a blood transfusion?

Have you been to international airports?

Do you have flu-like symptoms as fever, shivering,

Algorithm of identify plasmodium type

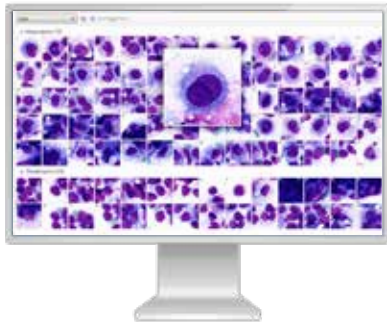
banana-shaped gametocytes (sexual form of the parasite)?

Index "E" Do you frequently find only 1 ring form in the non-enlarged infected erythrocytes?

Do the infected non-enlarged erythrocytes sometimes show band-shaped trophozoites?

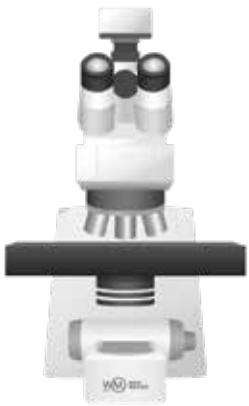
Calculation of percentage parasitemia

Automatic scanning systems



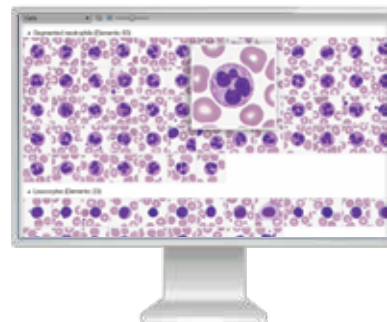
Vision Assist

- For small-sized laboratories
- Manual slide handling
- Models for 1 or 4 slides
- Automatic slide scanning
- Automatic analysis and pre-classification



Vision Pro

- For medium- and large-sized laboratories
- 2 cassettes with slides
- Loading up to 8 slides simultaneously
- Automatic slide scanning
- Automatic analysis and pre-classification
- Random access
- Built-in barcode reader (optional)
- Automatic oil dispenser (optional)



- For large- and medium-sized laboratories
- Automatic slide handling
- Loading up to 200 slides simultaneously
- Automatic slide scanning

- Automatic analysis and pre-classification
- Random access and STAT testing
- High scanning speed and whole slide imaging
- Walk away mode and night work

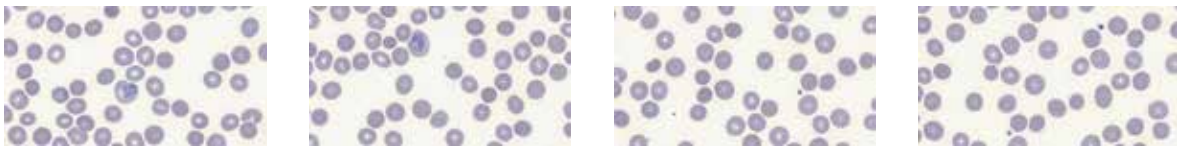
Evaluation of blood smears for hemoparasites in accordance with WHO recommendations

1 Digital slide for thick smear to detect plasmodium

Automatic scanning of 100 fields of view.

2 Digital slide for thin smear to detect plasmodium type

Automatic scanning of samples with RBC calculation (up to 800 fields) / 80 000 RBC



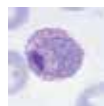
3 Plasmodium type is identified by user, reviewing the collected fields of view

4 Algorithm of identify plasmodium type

Algorithm proposes standard procedure to identify plasmodium type.



Plasmodium falciparum



Plasmodium vivax



Plasmodium malariae



Plasmodium ovale

5 Calculation of percentage parasitemia

We reserve the right to change specification without notice.



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