

# MEET THE HemoCue® WBC DIFF



 HEMOCUE®

# THE CHALLENGE

The frequent challenge in any patient assessment is for clinician to assess, test, diagnose and conclude treatment all in just one consultation session. More often than not, blood tests must be sent to an external laboratory in the quest for a conclusive diagnosis. So the physician waits. The patient waits. Goes home even. And comes back. At the cost of health, time and resources.

But not any more. Not once you meet the HemoCue WBC DIFF.



# THE SOLUTION

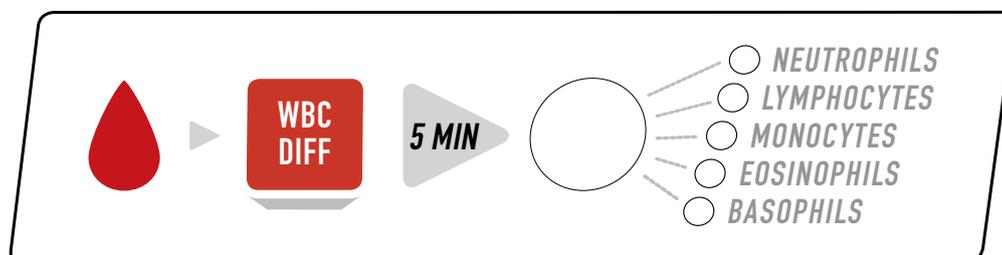
A white blood cell differential count can bring you closer to a conclusive answer in a number of situations. It can help you determine whether an infection is viral or bacterial. It can help you monitor a patient's response to treatment. And in situations with unspecified symptoms such as fever or fatigue, it will direct you in terms of further testing and treatment steps.

## The HemoCue WBC DIFF

The advanced technology of the HemoCue WBC DIFF can speed up the process from assessment to treatment. Within five minutes, the system provides a lab accurate five part differential of white blood cells. High quality results, immediately available while you are still asking your patient questions. Day and night, 7 days a week. Enabling conclusive results at the point-of-care that can help guide treatment decisions, saving time and consultations. An analyzer for you, an instant answer for your patient.

## Immediate access to a white blood cell differential count may help you:

- Produce timely and accurate treatment indications
- Reduce patient waiting time
- Reduce your number of consultations



# THE ANSWERS

*A differential of white blood cells with absolute count for each of the five subtypes as well as the ratio between them will provide essential information for diagnosing in many clinical situations.*

**Neutrophils** typically increase in response to bacterial infection or inflammatory disease, and more rarely leukaemia. Decreased neutrophil levels may be the result of severe infection.

A raised level of **lymphocytes** can point towards bacterial or viral infection, leukaemia or lymphoma. Decreased levels are common when stress, lupus or HIV infection is present.

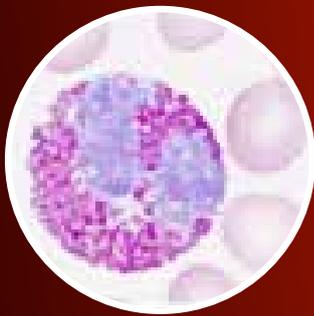
**Monocyte** levels can increase in certain leukaemias and in response to infection and inflammatory disorders. Decreased monocyte levels can indicate bone marrow injury or failure.

An increase in **eosinophils** points towards allergic disorders, asthma, inflammation of the skin and parasitic infections and in rare cases leukaemia.

**Basophils** typically increase as a response to allergic rhinitis, asthma or long-standing inflammation, at the presence of a hypersensitivity reaction to food and leukaemia.



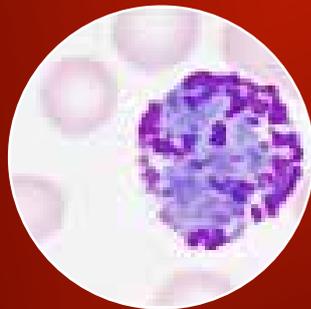
LYMPHOCYTE



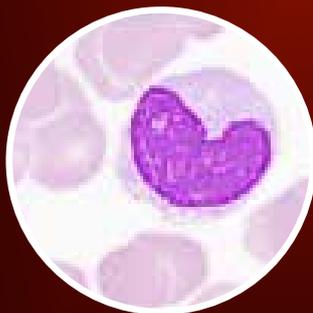
EOSINOPHIL



NEUTROPHIL



BASOPHILS



MONOCYTE

# THREE SIMPLE STEPS



1. Fill the microcuvette with a drop of blood.



2. Push the button for patient test. Place the microcuvette in the analyzer.



3. Receive lab quality results within 5 minutes.



### Immediate

Providing 5-part differential in 5 minutes. From assessment to test, diagnose and treatment within one consultation.



### Accurate

Lab quality results at the point of care. Flags abnormal results and elevated levels of pathological cells.



### Intelligent

Compact, advanced technology with built in self-test and minimal maintenance. Unique cuvette technology enables small sample size and easy handling.



# **HemoCue® WBC DIFF**

## **FOR AN IMMEDIATE WHITE BLOOD CELL DIFFERENTIAL COUNT**

- Five-part differential in 5 minutes
- Lab accurate results
- Easy to use, minimal exposure to blood
- Capillary or venous samples – 10µL
- No calibration or instrument adjustment needed
- On board Data Management System



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