



Prescribe  
antibiotics  
only when  
it's effective.

***ON THE SPOT!***



# Avoid Overuse of Antibiotics

Antimicrobial resistance is a global threat to our health. A judicious prescription of antibiotics is one way of avoiding this threat. The HemoCue® WBC DIFF is a point-of-care test for five part differential white blood cell count.



# One Consultation Only

**White blood cell count allows you to prescribe antibiotics only when you know it's really effective - on the spot.**

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. Not once you meet the HemoCue® WBC DIFF.

# HemoCue® WBC DIFF System

HemoCue® WBC DIFF System is a unique and accurate point-of-care system that allows you to count the total number of white blood cells with a 5-part differential in only a few minutes.



# 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.

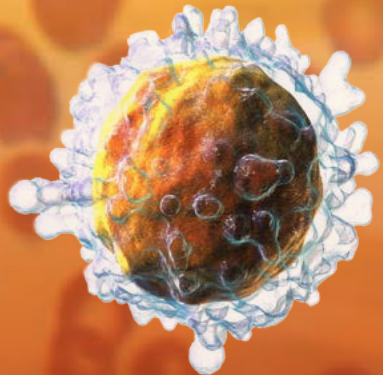


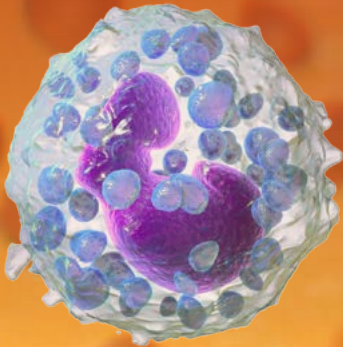
# Quick Facts About 5 White Blood Cells

Did you know that neutrophil granulocytes make up 50–75 % of the white blood cells? By studying white blood cells, you can obtain important information about your patient's health that can help you quickly make a diagnosis and provide the right treatment.

## Lymphocytes

Primarily as an agent for cellular and anti-body-mediated immunity.



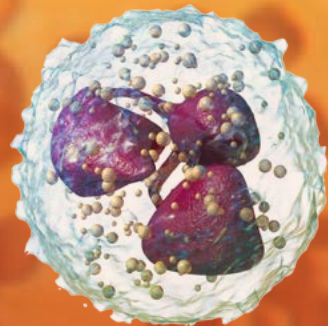


## Basophil Granulocytes

Mainly mediate allergies, normally  $< 0.5\%$  of circulating blood cells in healthy people, contain large amounts of histamine which triggers the allergic reaction.

## Neutrophil Granulocytes

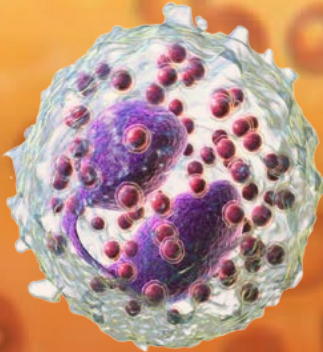
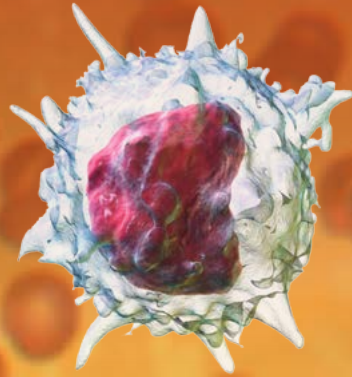
Primarily to provide defense against bacteria and fungi. Pus largely consists of dead neutrophils.





# Monocytes

Primarily to present antigen to lymphocytes.



# Eosinophil Granulocytes

Primarily to protect us from endoparasites.

# Want to Know More?

[www.hemocue.com/amr](http://www.hemocue.com/amr)



HemoCue AB | PO Box 1204 | SE-262 23 Ängelholm | Sweden  
Phone: +46 77 570 02 10 | Fax: +46 77 570 01 12 | [info@hemocue.se](mailto:info@hemocue.se) | [hemocue.com](http://hemocue.com)