HemoCue® - Part of the Danaher Family
When HemoCue set out to invent an accurate point-of-care test for hemoglobin over 30 years ago, the industry said it was impossible. Today, the impossible has become the standard.

- Four HemoCue tests performed every second
- >500,000 cuvettes produced per day
- >350,000 systems delivered worldwide
Take Advantage of Complete Solutions & Support

More than an excellent product. HemoCue offers personalized education, training and an unmatched service and support infrastructure to meet your needs and your patients’.

Products
Setting the standard for accuracy in the industry means we’re hardest on ourselves – leaving nothing to chance in ensuring we meet customer demands. With each analyzer factory calibrated, you can count on your instrument to provide consistent and accurate results with excellent lot-to-lot reproducibility.

Accuracy Starts With Us

Knowledge
A vital part of ensuring accurate results is giving healthcare professionals easy access to training and education. That’s why we’ve poured our 30 years of experience and knowledge into our HemoCue Learning Center so you can have quick access to essential training and current best practices.

Knowledge Starts With Us

Service
We’ve built a stable infrastructure to ensure you have what you need when you need it. From our worldwide supply network to local representatives, along with our unmatched HemoCue Solution Center, we provide support and delivery assurance.

Service Starts With Us
Developed With Your Needs in Mind

Working with healthcare professionals around the world, pioneering Hb POC-testing for a broad spectrum of clinical applications, from disaster areas to modern advanced hospital care.
Geographical Presence

- Global company with headquarters in Sweden
- Distribution to more than 130 countries
HemoCue Product Areas
- important single analyte tests

- Anemia – Hemoglobin
  - Hb 201
  - Hb 201 DM
  - Hb 301

- Diabetes – Blood Glucose
  - Glucose 201
  - Glucose 201 DM

- Renal & cardiovascular – Urine Albumin
  - Albumin 201

- Infection – White Blood Cells
  - WBC
  - WBC DIFF*

- Diabetes – HbA1c
  - HbA1c 501*

* Not available in the US
Remarkably Precise Engineering
- It’s all in the Microcuvettes

- It’s a pipette, a test tube, and a measuring vessel all in one.
- Instantly draws the correct volume of sample through capillary action.
- The microcuvette design provide reliable and accurate results.
HemoCue®
-Production Microcuvettes

• ~ 140M cuvettes produced/year.
• All HemoCue cuvettes are produced at the HemoCue AB factory.
• Custom-made high capacity equipment produce millions of cuvettes 24/7, with a consisting high quality, without any lot-to-lot variation.
• From plastic granules to finished product, enabling absolute control throughout the process, from start to finish.
HemoCue®
-Production Analyzers

- 350 000 HemoCue analyzers delivered worldwide
- Analyzers are calibrated and go through extensive testing prior to release.

Analyzer calibration and testing at HemoCue AB
New addition to the HemoCue Family

- HemoCue® WBC
- HemoCue® WBC DIFF
HemoCue® WBC & WBC DIFF Systems

• A total WBC can provide guidance about certain illnesses and help physicians monitor a patient’s recovery.

• A differential count provides information of each of the WBC types, which give guidance of the cause of an elevated or decreased total WBC count.

*Not available in the US
How the HemoCue® WBC & WBC DIFF System Works

- When the microcuvette is filled with blood, the red cells are lysed and white cells are colored
- The analyzer contains a camera and a microscope
- Images of stained white cells are taken and cells are counted/classified
- Results presented as total WBC or as a 5-part differential (WBC DIFF system)
White Blood Cell count
– An important part of the clinical puzzle

-An important analyte to be interpreted in the context of patient history and clinical signs.
Clinical Value of WBC

- Diagnose and monitor infections
  - Guide prescriptions of antibiotics
- General health check
  - Use of Hb & WBC to predict normality of CBC
- Determine presence of malignant disorder
  - Significant increase in WBC count
Antibiotic Prescription – A Prospective Pediatric Study

- 23 doctor’s offices + 23 pediatric sites
- Study Population: 990
- Regione Campania, Italy
- Children with flu-like symptoms with at least 3 days of fever
Children with fever the 3rd day
n = 792

Leukocyte group
n = 437

WBC <15000/mm³
n = 381

WBC ≥15000/mm³
n = 56

Antibiotics
n = 56

Antibiotics
n = 355

Recovery
n = 328
86%

Recovery
n = 41
73%

Recovery
n = 312
88%

No recovery
n = 53
14%

No recovery
n = 15
27%

No recovery
n = 43
12%

Study population
n = 990

Excluded, not fulfilling inclusion criteria
n = 198

Control group
n = 355

Total recovery in Leukocyte group
n = 369
84%

Initial clinical investigation

48 h Follow up

7 days follow up

Study population
n = 990

Excluded, not fulfilling inclusion criteria
n = 198

Control group
n = 355

Antibiotics
n = 355

No Antibiotics
n = 337

Antibiotics
n = 56

No Antibiotics
n = 337
Conclusion:

- By adding a POC WBC count as part of the clinical investigation in children with flu-like symptoms, prescription rate of antibiotics could significantly be reduced (76%).

- The decrease in antibiotic usage gave no influence on recovery, complications or other medical outcome.

- A POCT WBC may also be useful when diagnosing other infections in respiratory tract, gastrointestinal tract and hematological disorders.
Want to know more? www.hemocue.com
Because when it comes to caring for people, we refuse to compromise.