WELCOME!

HemoCue Vendor Breakfast Presentation
CPOCT Prague
October 6th 2012
HemoCue is one of the pioneers in Point of Care Testing
HemoCue serves customers from disaster areas in the developing world to modern advanced hospital care.

- Anemia screening
- Primary Care
- Blood Banks
- Public Health
- Hospitals

16 October 2012
HemoCue is active in more than 130 countries around the world
HemoCue Product areas - important single analyte tests

Anemia – Hemoglobin

Diabetes – Blood Glucose

Renal and cardiovascular diseases – Urine Albumin

Diabetes – HbA1c

HemoCue®
Hb 201+ system

HemoCue®
Glucose 201 DM system

HemoCue®
Albumin 201 system

HemoCue®
HbA1c 501
When developing a new test, it is important to start with the unmet clinical need.
Is there an alternative to CBC when a CBC is not readily available?

- Only 4 of the 11 parameters in the CBC battery were selected as frequently or always useful by more than 90% of physicians

- Parameters selected as frequently or always useful:
  - Hematocrit
  - Hemoglobin
  - Platelet count
  - White blood cell count

*Sandhaus L M & Mayer P; Am J Clin Pathol; 2002, 118; 787-793
Evaluation of combined use of Hb & WBC to predict normality of CBC

CBC data was collected during a 3 month period. A total of 2.191 samples were analyzed.

- Age range: 16 – 91
  - 39 % primary care
  - 23 % outpatient departments
  - 38% inpatients departments
In the presence of normal Hb & WBC the CBC is normal in the majority of cases

- Normal Hb & WBC
  - Total nr of CBC: 2191
    - Normal CBC: 841 (90%)
    - Abnormal CBC: 98 (10%)

- Abnormal Hb & WBC
  - Normal CBC: 1252 (100%)

Conclusion:

- “In majority of cases where WBC and Hb are within the normal range, the remainder of the CBC profile is normal as well...”

- “.... measuring these two parameters could be used as an effective screen to predict CBC normality”
HemoCue WBC DIFF is the first POCT device for 5-part DIFF
Lab accuracy is a given in order to provide POCT results that are actionable.

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**Poster nr**
- 38 Lindberg et al. A Novel Technology for 5-Part Differentiation of Leukocytes Point-of-Care
- 39 Hockum et al. Novel POC analysis for determination of total and 5-part differential WBC count among a US population, in comparison to Beckman Coulter LH750
- 44 Russcher et al. Evaluation of the HemoCue WBC DIFF system for point-of-care counting of total and differential white cells in pediatric samples
Combination of Hb & WBC/WBC DIFF point of care test enables more efficient workflow

- Get immediate access to the most useful CBC parameters
- Enables immediate treatment decisions
- Avoid waiting for lab results
- Save staff time with less re-booking, sample transport & paperwork
- Avoiding order unnecessary lab tests
The 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