

EVALUATING THE HEMOSCREEN IN PRIMARY CARE GIMO HEALTH CENTER, SWEDEN

HemoScreen's performance and usability evaluation at Gimo Health Center, Sweden, shows accurate results and positive feedback from the staff. Immediate CBC results improve the healthcare workflow in primary care, provide the physician with immediate actionable information, and prevent the need for unnecessary follow-up visits.



THE NEED

The Complete Blood Count (CBC) is one of the most commonly ordered blood tests, yet, at primary care test results are not immediately available to the physician. CBC in primary care is used to check for anemia, blood disorders, infections, malignancies, and to get more information regarding the patient's health.

STUDY PLAN

Gimo Health Center, Sweden, is a health care center that offers medical care services provided by doctors, nurses, psychologists, physiotherapists and dieticians. This study was performed at the primary care ward, under the supervision of Prof. Anders Larsson and Dr. Bo Karlsson.

In order to evaluate HemoScreen's performance and usability in primary care settings over 150 venous samples were analyzed on both the HemoScreen and the Sysmex XN. A comparison between the systems was conducted to evaluate performance, and usability was evaluated via operation of the device by site nurses with no technical background.

RESULTS

151 venous samples were analyzed. The correlation between the HemoScreen and Sysmex XN is shown below:

