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Glucose Accu-chek Inform, Whole Blood CLIA WAIVED	Effective: 12/07 Reviewed: 02/09

Glucose Accuchek Inform™, Whole Blood

Docking the Meter

It is important that meters are docked and remain docked when not in use. This practice will accomplish several critical tasks:

- Keep the meter charged at all times
- Download patient results to electronic medical record
- Download quality control results to laboratory's database
- Upload test strip and control reagent information to the meter

The *Accu-chek* Inform meter is docked by placing it in its base **after it has been powered OFF**.

Performance Characteristics

The *Accu-Check* Comfort Curve Test Strip, a whole blood referenced system, has been calibrated to deliver plasma-like values.

Technical Notes

Precision - CV = 3.3 – 5.3%

System Measurement Range using *Accu-Check* Comfort Curve strip = 10 – 600 mg/dl. Hematocrit range is 20–65% for glucose measurements of less than 200 mg/dl and 20-55% for glucose measurements of greater than 200 mg/dl.

Limitations

Certain circumstances have been shown to affect the glucose level detected by the *Accu-chek* Inform meter. These factors should be taken into consideration when interpreting the results. See manufacturer's insert to the test strip box for additional information.

- Hematocrit range is 20 – 65% for glucose measurements of less than 200 mg.dl and 20 – 55% for glucose measurements of greater than 200 mg/dl.
- **In situations of decreased peripheral blood flow, fingerstick blood testing may not be appropriate as it may not reflect the true physiological state.** Examples would include, but not limited to: severe dehydration caused by diabetic ketoacidosis or the hyperglycemic hyperosmolar nonketotic state, hypotension, shock, or peripheral vascular disease.
- The following substances exert a positive bias on glucose results when produced or generated by the *Accu-chek* Inform: xylose, maltose, galactose; patients receiving products containing these substances may present falsely elevated blood glucose results. For full text, refer to FDA Alert publication No. A6770, 12/9/05.

Also bilirubin (unconjugated) values exceeding 20 mg/dl may produce elevated glucose results.