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Glucose Accu-Chek Advantage with AccuData GTS, Whole Blood CLIA WAIVED	Effective: 03/99 Reviewed: 02/09

Glucose Accu-Chek™ Advantage with the AccuData® GTS/GTS Plus, Whole Blood

Limitations (cont)

- 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.

Expected Values

- Whole blood glucose in adults (> 30 days): 70 - 110 mg/dl.
- Whole blood glucose in neonates (0 – 30 days): 40 - 110 mg/dl

NOTE: Normal (reference) ranges should be reported along with the patient's test results into the medical record.

Critical Values

The following are considered critical ("alert") values: ≤ 50 or ≥ 450 mg/dl mg/dl for adults; neonates ≤ 30 or ≥ 300 mg/dl.

NOTE: Normal (reference) ranges should be reported along with the patient's test results into the medical record.

Criteria for Sending Blood to Lab

If the patient result does not correlate with the clinical impression, the specimen should be repeated. If the result is still unexpected, the patient should be monitored by staff using physician directed protocol. If the staff wants to confirm the unexpected value, a blood specimen should be drawn and sent to the Clinical Laboratory.

Interpretation of Results

The ordering physician is responsible for the interpretation of the results based on the patient's condition.

Preventative Maintenance

It is the operator's responsibility to assure the monitor is cleaned regularly and maintenance is up-to-date. Uploaded data from each AccuData in use will be reviewed for use of the comment code "03" to ensure cleaning is documented as it is performed.

- The operator should wear gloves when cleaning the instrument.
- The surface of the GTS should be wiped down with a soft cloth dampened (not wet) with 70% isopropyl alcohol. Gauze dampened with Cavicide or 1:10 dilute bleach (if mixed daily) can also be used. Avoid getting liquid into the Advantage meter insertion slot.