Patient ID : p\_id Name : p\_name Age/Sex : age\_sex
Ref. by : doctor\_ref Lab no : Date : test\_date
BIOCHEMISTRY
One hour oral glucose challenge test (GCT)
TEST VALUE UNITS
Amount of glucose- 50gm
Plasma Glucose after one hour 133.0 mg/dl
Interpretation :
The one hour oral glucose challenge test (GCT) is a screening test for gestational diabetes that measures plasma or serum glucose concentration one hour after a 50gm oral glucose load. A blood sugar value >140mg/dl identifies approximately80% of women with gestational diabetes (GDM), a cutoff of >130mg/dl identifies 90% of women with GDM.
A glucose challenge test is not necessary in patients with a fasting plasma glucose level >126mg/dl or a casual plasma glucose >200mg/dl , since these values meet the threshold for the diagnosis of diabetes.
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