

# *Lecture 7*

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# Diabetes Mellitus and Hypoglycemia.

Slide (1) :- gestational Diabetes (7-9%)  
Slide (5) :- glucose tolerance test used to measure glucose level (if it increase and still increase above 200 about 2 hours → Diabetes) ليقاس بعد 1 ساعة يدرجت 75g جلوكوز  
Fasting Plasma glucose normal level 80 - 110 ~ 120

Slide (6) :- Ketoacidosis → ↑ ketone bodies → change in Acid-Base Balance  
Slide (9) :- IGT (impaired glucose tolerance), IFG (impaired Fasting glucose)  
Slide (11) :- normal FPG < 100 mg/dl and Plasma glucose after 2h < 140 mg/dl  
(الدالة :- تعطين المديف البع خاليف 140 جلوكوز، نقيس كمية أو مستوى الجلوكوز في البلازما بعد ساعتين)  
PG > 200 → Diabetes      PG < 140 → normal.

DM :- إذا جف 200 وما تقى!  
Slide (12) and (13) :- Forget them :)  
Slide (16) :- Glucagon ; we think it secreted in response to Hypoglycemia, but the Doctor said no; it's Hyperglycemia :!  
Slide (19) :- A1C or HbA1C → Hemoglobin A1C used to control and monitor glucose level it must be < 7% ... measured every 3 months.

Note :- in hyperglycemic pt. :-  
if glucose level increase → Coma ; if increase more and more → ketone bodies produced → Diabetic keton bodies **DKB** ; keton, acetone smell from pt's mouth.

Slide (22) :- CVD (Cardiovascular Dis.)  
Slide (24) :- low carbohydrate Diet are not recommended cuz we prefer complex carbohydrate which present in vegetables, whereas 1st one present in sugar + sweet.

Slide (28) :- esp. omega 3+6  
Slide (35) :- Four classes are not required :)  
Slide (36) .... (39) :- Not Required :D

Slide (44) ... (47) :- the Doctor Reads only Headline.  
Slide (50) :- nephropathy (kidney), neuropathy (neurons), Retinopathy (eye, Retina)

\* بالنسبة للأرقام :- سألنا الدكتور خلال المحاضرة وقال : مش مهمين ،،، سألنا الدكتور بعد المحاضرة عنان نأكد وقال :- الأرقام انك كرتهم أكثر من مرة مهمين :- 3 ،،، تقديراً منكم هنا :-

Reference :- Record section 3 , 23/11/2014

Thank you .

Done by :- Aseel olaimat