

### Glucagon stimulation test (for hypoglycemia survey)

1. NPO 4~6 hours
2. IV with 1/2 saline or 0.33N/S when NPO
3. check one touch q30min, til one touch < 40 mg/dl
4. Start test if (one touch <40 mg/dl, and 10mins later recheck still < 40 mg/dl)
5. give glucagons 30 ug/kg/dose iv bolus, then follow the table
6. check blood sample (V 者) as timing
7. If 30 mins sugar still <40 mg/dl, cease test, and bolus D10W 2cc/kg stat.

	0 m	10 min	20 min	30 min	60 min	備註:
One touch	V	V	V	V	V	Ketone 需定量, 單位為 mmol/L, 用PI的 Ketone 機測, 而非送大 Lab~
Glu	V	V	V	V	V	
Insulin	V					
Ketone	V					
NH3	V					
C-peptide	V					
Free fatty acid, Lactate, uric acid,						

[請主任增刪]

### Protein loading test

1. NPO 3~4 hours
2. IV with 1/2 saline or 0.33N/S when NPO
3. give 1.5 gm protein/kg, 三多奶蛋白, 請與徐主任助理連絡, 5907
3. check blood sample (V 者) as timing

	0	10 min	20 min	30 min	60 min	備註:
Glu	V	V	V	V	V	Ketone 需定量, 單位為 mmol/L, 用PI的 Ketone 機測, 而非送大 Lab~
Insulin	V	V	V	V	V	
NH3	V	V	V	V	V	
Ketone	V					
C-peptide	V					
[請主任增刪]						

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