**NWH: Screening for Diabetes in Pregnancy (August 2016)**

**At booking**
Offer all women HbA1c with first antenatal bloods
(Note: there is no current recommendation for 50g glucose challenge or 75g OGTT before 24-28 weeks)

- HbA1c ≥41mmol/mol
  - Refer to diabetes clinic, please initiate glucose monitoring if possible

HbA1c <41mmol/mol
- Discuss the GEMS Study #

At 24 to 28 weeks gestation
- Discuss Enrolment in GEMS Study #
  - Tel: 09 9231356
gems@auckland.ac.nz

- Recruit to GEMS (75gOGTT according to study protocol)
- Not recruited to GEMS

**Does she fulfil any of these criteria?**
- Obesity
- Other risk factors*  *see below

### no
- 50g 1h glucose challenge
  - glucose >11.0mmol/l, refer directly
  - glucose 7.8-11.0mmol/l, 75g OGTT within a week

### yes
- 75g OGTT
  - fasting glucose ≥5.5mmol/l
  - OR 2h glucose ≥9.0mmol/l

**30-32 wks:** if the baby is macrosomic (relatively large AC) or unexplained polyhydramnios. Then request 75g OGTT and refer if diagnostic

**Further screening after 32 weeks is for exceptional reasons only**
If there are concerns a woman has unrecognised GDM, discuss with an obstetrician or the diabetes team to decide if further laboratory tests should be requested.
HbA1c in later pregnancy should only be requested if recommended after discussion.

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* Previous GDM, previous macrosomia, morbid obesity (Indian/Asian≥32, Polynesian BMI≥37, everyone else ≥35), PCOS, two 1st degree relatives with diabetes, glycosuria, on antipsychotic medication.

# For further details of the GEMS Study of different diagnostic criteria contact: Telephone 09 9231356 or Email : gems@auckland.ac.nz or go to www.liggintrials.org/GEMS