## wound infection

glycemic control ) is about 22% if the HbAlc >8.5% ) Neural tube defects occur 13-20 times more frequently more in women with preexisting type I diabetes The most important predictor is underlying maternal vascular disease( Specifically, patients with retinal or renal

vasculopathies and/or chronic hypertension )

hypertension, nephropathy, and retinopathy

advise strongly against pregnancy until their HbA1c level is lower, because of the associated risks (5 mg/day) until 12 weeks of gestation to reduce the risk of having a baby with a neural tube defect. For women with diabetes who are planning a pregnancy and who have a body mass index ( BMI) above 27 kg/m2 , advice for weight loss for pregnant women with type I diabetes or type 2 diabetes or gestational diabetes who are on

managing their diabetes with diet and exercise changes alone advise pregnant women with type 2 diabetes or gestational diabetes to test their fasting and 1taking oral therapy (with or without diet and exercise changes) hour post-meal blood glucose levels daily if they are: taking single-dose intermediate-acting or long-acting insulin. For pregnant women with diabetes type 75–150 mg of aspirin daily from 12 weeks until the birth is advised 1 & type 2 an ultrasound scan at 18-21 weeks to detect fetal structural, including examination of the fetal heart (4 chambers, outflow tracts and 3 vessels) should be offered At first contact during the pregnancy for women with pre-existing diabetes, if they have not had one in the last 3 months. their serum creatinine is 120 micromol/litre or more or the urinary albumin:creatinine ratio is greater Consider referring pregnant women with diabetes to a nephrologist if: than 30 mg/mmol or total protein excretion exceeds 0.5 g/day. Consider thromboprophylaxis for pregnant women with nephrotic range proteinuria above 5 g/day (albumin:creatinine ratio greater than 220 mg/ mmol). for women with pre-existing diabetes offer retinal assessment after the first antenatal clinic appointment (unless they have had a retinal assessment in the last 3 months) if they have diabetic retinopathy, offer an additional retinal assessment at 16 to 20 weeks and another retinal assessment at 28 weeks.

a multiple daily insulin injections :

advise to test fasting, pre-meal, 1-hour

post-meal and bedtime blood glucose

levels daily

Diabetic retinopathy should not be considered a contraindication to vaginal birth. Achieve maternal near normoglycemic level to prevent adverse perinatal outcomes

> fasting < 5mmol/L -- Target blood glucose: -

2nd generation sulphonylurea (glyburide ) Oral hypoglycemic agents : — Options -

biguanides (metformin) -

Insulin

Life style modification



## Diabetes in pregnancy



Continue to follow the lifestyle advise (weight control, diet and exercise) Annua I HbA1ctest to check that their blood glucose levels are normal high risk of developing type 2 diabetes

Should be advised for following measures to prevent type 2 diabetes that they are likely to have type 2 diabetes, and offer them a test to confirm