Portsmouth Hospitals NHS
NHS Trust

DIABETES - STOP or TEMPORARILY WITHDRAW the following drugs when the patient has:

Biguanide: **a) METFORMIN** **b) METFORMIN SR**	▪ Renal impairment – review dose if eGFR < 45 and stop if < 30 ml/min ▪ Hepatic impairment ▪ Recent myocardial infarction ▪ Acute heart failure ▪ Tissue hypoxia — Risk of Lactic Acidosis ▪ Respiratory failure ▪ Severe infection / sepsis ▪ Dehydration ▪ **Restart if above problem resolves** ▪ Radio- Isotope scans ▪ **Stop 24hrs before and up to 48hrs after scan. Restart thereafter**
Sulphonylureas: **a) GLICLAZIDE** **b) GLICLAZIDE MR** **c) GLIMEPIRIDE** **d) GLIPIZIDE**	▪ Severe hepatic impairment – may cause hypoglycaemia and jaundice. Avoid or use small dose only ▪ Renal impairment – may cause hypoglycaemia. Avoid if creatinine clearance < 10 ml/min ▪ Acute porphyria (inability to produce haem) – porphyrinogenic ▪ **Restart if above problem resolves**
Thiazolidinediones: **a) PIOGLITAZONE**	▪ Cardiovascular disease – risk of heart failure ▪ History of heart failure – risk of repeat heart failure ▪ Acute coronary syndrome ▪ Hepatic impairment – risk of liver toxicity ▪ **Do not restart**
Other Anti-diabetic agents: **a) EXENATIDE**	▪ Renal impairment – avoid if creatinine clearance < 30 ml/min ▪ Severe gastro-intestinal disease ▪ Pancreatitis or history of ▪ **Do not restart**
b) NATEGLINIDE **REPAGLINIDE**	▪ Hepatic impairment – caution if moderate and avoid if severe ▪ Renal impairment – caution ▪ Elderly, debilitated and malnourished – caution ▪ **Restart if above problem resolves**
c) SITAGLIPTIN **VILDAGLIPTIN** **SAXAGLIPTIN** **Tradjenta**	▪ Renal impairment – caution ▪ **Saxagliptin may be used at 2.5mg daily in renal impairment eGFR greater than 15** ▪ Hepatic impairment – avoid Vildagliptin ▪ Heart failure – avoid in moderate or severe
Other: **Irbesartan (angiotensin II receptor antagonist)**	▪ **MAY be used in renal impairment for treatment of hypertension and type 2 diabetes. No dose adjustment necessary. Initiation of a lower dose (75mg) for those on haemodialysis**

All contra-indicated in ketoacidosis, pregnancy and breast feeding - Refer to diabetes team.
Refer to BNF for anti-diabetic drugs not listed