## NON-INSULIN MEDICATIONS

**BIGUANIDES**

- **Metformin**
  - Glucophage 500mg, 850mg 500–1,000mg
  - Glucophage Prolonged Release 500mg, 1,000mg
  - Metformin Oral Solution 500mg per 5ml
  - Metformin prolonged release Glucophage XR 500mg, 750mg, 1,000mg 50–200mg, 200–800mg

With or after food or meal Once (dose can be split if not tolerated or glycaemic control still inadequate)

### Possible side effects

- Hypoglycaemia, nausea, vomiting, diarrhoea, anorexia, dyspepsia, metallic taste (these often wear off after initial stages of treatment), allergic reactions, build-up of lactic acid in the blood, reduced absorption of vitamin B12, liver function problems. The prolonged-release formulation may improve tolerance. Products listed below containing metformin may also have these side effects.

## SULPHONYLUREAS

- **Glibenclamide**
  - Glibenclamide 2.5mg, 5mg 2.5–15mg
  - Glibenclamide 2.5mg, 5mg 2.5–15mg

With or immediately before first meal of the day Once

### Possible side effects

- Hypoglycaemia, liver function problems, nausea, indigestion, heartburn, constipation, abdominal pain, vomiting, metallic taste, increased appetite, weight gain, headaches, allergic skin reactions, blood disorders, water retention, hypertension, liver function problems.

## PRANDIAL GLUCOSE REGULATORS

- **Gliptins**
  - Sitagliptin 100mg, 200mg, 400mg 200–400mg
  - Vildagliptin 50mg, 100mg, 150mg 100–200mg

With or immediately after food Once

### Possible side effects

- Hypoglycaemia, nausea, vomiting, diarrhoea, abdominal pain, bloating, liver function problems, blood disorders, allergic skin reactions, hypoglycaemia, pruritus, sensitivity to light, visual disturbances.

## ALPHA-GLUCOSIDASE INHIBITORS

- **Acarbose**
  - Glucobay 50mg, 100mg, 150mg 100–500mg

With or immediately after food Once

### Possible side effects

- Flatulence, diarrhoea, gastrointestinal and abdominal pain, nausea, vomiting, indigestion, increase in liver enzymes, jaundice, oedema, thrombocytopaenia, allergic reaction (rash, erythema, exanthema, urticaria, pruritus, pseudomembranous colitis, neutropenia, lipase elevation, hepatic failure).

## THIAZOLIDINEDIONES (‘GLITAZONES’)

- **Troglitazone**
  - Actos 15mg, 30mg, 45mg 15–45mg alone, or in combination with or without food

Twice or once daily

### Possible side effects

- Nasuea, hypoglycaemia, allergic skin reactions, diarrhoea, oedema, heart failure, pyrexia, anorexia, electrolyte disturbance, weight gain, flatulence, stiffness of muscles, hypoglycaemia, increased liver enzymes, hypoglycaemia, congestive heart failure, weight gain, obesity, increase in liver enzymes.

## INCRETIN MIMETICS

- **Exenatide**
  - Byetta 5mg, 10mcg (injection pens) 10–20mcg

Twice or once weekly

### Possible side effects

- Nasuea, hypoglycaemia, constipation, abdominal pain, indigestion, increased appetite, weight gain, anorexia, chronic obstructive pulmonary disease, pancreatitis, urinary tract infection, gastroenteritis, sinusitis, nasopharyngitis (in combination with metformin), headache, dizziness, constipation, nausea, vomiting, abdominal pain, bloating, injection-site reactions, hypoglycaemia.

## DPP-4 INHIBITORS

- **Dapagliflozin**
  - Forxiga 5mg, 10mg 0.18mg

Twice or once daily

### Possible side effects

- Hypoglycaemia, allergic skin reactions, build-up of lactic acid, reduced absorption of vitamin B12, liver function problems.

## COMBINED FORMULATION MEDICATIONS

### Possible side effects

- Nasuea, vomiting, diarrhoea, abdominal pain, anorexia, hypoglycaemia, increased appetite, weight gain, headache, allergic skin reactions, pruritus, increased liver enzymes, anaphylaxis, hypoglycaemia, lipase elevation.

* Also available with no trade name.

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