

### ● NATIONAL FUNDING/ACCESS DECISIONS

#### All Wales Medicines Strategy Group (AWMSG) decisions

AWMSG No. 3158

The *All Wales Medicines Strategy Group* has advised (October 2016) that insulin degludec (*Tresiba*®) is **not** recommended for use within NHS Wales for the treatment of diabetes mellitus in adolescents and children from the age of 1 year.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Solution for injection

- ▶ **Tresiba FlexTouch** (Novo Nordisk Ltd)

**Insulin degludec 100 unit per 1 ml** Tresiba FlexTouch 100units/ml solution for injection 3ml pre-filled pens | 5 pre-filled disposable injection [PoM] £46.60 DT = £46.60

**Insulin degludec 200 unit per 1 ml** Tresiba FlexTouch 200units/ml solution for injection 3ml pre-filled pens | 3 pre-filled disposable injection [PoM] £55.92 DT = £55.92

- ▶ **Tresiba Penfill** (Novo Nordisk Ltd)

**Insulin degludec 100 unit per 1 ml** Tresiba Penfill 100units/ml solution for injection 3ml cartridges | 5 cartridge [PoM] £46.60 DT = £46.60

F 490

## Insulin detemir

(Recombinant human insulin analogue—long acting)

### ● INDICATIONS AND DOSE

#### Diabetes mellitus

- ▶ BY SUBCUTANEOUS INJECTION

- ▶ Child 2–17 years: According to requirements

- **INTERACTIONS** → Appendix 1: insulins

### ● SIDE-EFFECTS

- ▶ **Uncommon** Refraction disorder

- **PREGNANCY** Evidence of the safety of long-acting insulin analogues in pregnancy is limited, therefore isophane insulin p. 494 is recommended where longer-acting insulins are needed; insulin detemir may also be considered where longer-acting insulins are needed.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Solution for injection

- ▶ **Levemir FlexPen** (Novo Nordisk Ltd)

**Insulin detemir 100 unit per 1 ml** Levemir FlexPen 100units/ml solution for injection 3ml pre-filled pens | 5 pre-filled disposable injection [PoM] £42.00 DT = £42.00

- ▶ **Levemir InnoLet** (Novo Nordisk Ltd)

**Insulin detemir 100 unit per 1 ml** Levemir InnoLet 100units/ml solution for injection 3ml pre-filled pens | 5 pre-filled disposable injection [PoM] £44.85 DT = £42.00

- ▶ **Levemir Penfill** (Novo Nordisk Ltd)

**Insulin detemir 100 unit per 1 ml** Levemir Penfill 100units/ml solution for injection 3ml cartridges | 5 cartridge [PoM] £42.00 DT = £42.00

F 490

## Insulin glargine

(Recombinant human insulin analogue—long acting)

### ● INDICATIONS AND DOSE

#### Diabetes mellitus

- ▶ BY SUBCUTANEOUS INJECTION

- ▶ Child 2–17 years: According to requirements

- **INTERACTIONS** → Appendix 1: insulins

### ● SIDE-EFFECTS

- ▶ **Rare or very rare** Myalgia - sodium retention - taste altered

- **PREGNANCY** Evidence of the safety of long-acting insulin analogues in pregnancy is limited, therefore isophane insulin is recommended where longer-acting insulins are needed; insulin detemir may also be considered.

- **PRESCRIBING AND DISPENSING INFORMATION** Insulin glargine is a biological medicine. Biological medicines must be prescribed and dispensed by brand name, see *Biological medicines* and *Biosimilar medicines*, under Guidance on prescribing p. 1. Dose adjustments and close metabolic monitoring is recommended if switching between insulin glargine preparations.

### ● NATIONAL FUNDING/ACCESS DECISIONS

#### Scottish Medicines Consortium (SMC) decisions

The *Scottish Medicines Consortium* has advised that *Lantus*® preparations (April 2013) and *Toujeo*® (August 2015) are accepted for restricted use within NHS Scotland for the treatment of type 1 diabetes:

- in those who are at risk of or experience unacceptable frequency or severity of nocturnal hypoglycaemia on attempting to achieve better hypoglycaemic control during treatment with other insulins
- as a once daily insulin therapy for patients who require a carer to administer their insulin

It is **not** recommended for routine use in patients with type 2 diabetes unless they suffer from recurrent episodes of hypoglycaemia or require assistance with their insulin injections.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Solution for injection

- ▶ **Abasaglar** (Eli Lilly and Company Ltd)

**Insulin glargine 100 unit per 1 ml** Abasaglar 100units/ml solution for injection 3ml cartridges | 5 cartridge [PoM] £35.28 DT = £37.77

- ▶ **Abasaglar KwikPen** (Eli Lilly and Company Ltd)

**Insulin glargine 100 unit per 1 ml** Abasaglar KwikPen 100units/ml solution for injection 3ml pre-filled pens | 5 pre-filled disposable injection [PoM] £35.28 DT = £37.77

- ▶ **Lantus** (Sanofi)

**Insulin glargine 100 unit per 1 ml** Lantus 100units/ml solution for injection 3ml cartridges | 5 cartridge [PoM] £37.77 DT = £37.77

Lantus 100units/ml solution for injection 3ml pre-filled SoloStar pens | 5 pre-filled disposable injection [PoM] £37.77 DT = £37.77

Lantus 100units/ml solution for injection 10ml vials | 1 vial [PoM]

£27.92 DT = £27.92

- ▶ **Semglee** (Mylan) ▼

**Insulin glargine 100 unit per 1 ml** Semglee 100units/ml solution for injection 3ml pre-filled pens | 5 pre-filled disposable injection [PoM] £29.99 DT = £37.77

- ▶ **Toujeo** (Sanofi)

**Insulin glargine 300 unit per 1 ml** Toujeo 300units/ml solution for injection 1.5ml pre-filled SoloStar pens | 3 pre-filled disposable injection [PoM] £32.14 DT = £32.14

- ▶ **Toujeo DoubleStar** (Sanofi)

**Insulin glargine 300 unit per 1 ml** Toujeo 300units/ml solution for injection 3ml pre-filled DoubleStar pens | 3 pre-filled disposable injection [PoM] £64.27 DT = £64.27

## 3.1a Diabetes, diagnosis and monitoring

### Diabetes mellitus, diagnostic and monitoring devices

#### Urinalysis: urinary glucose

Reagent strips are available for measuring for glucose in the urine. Tests for ketones by patients are rarely required unless they become unwell—see Blood Monitoring.

Microalbuminuria can be detected with *Micral-Test II*® but this should be followed by confirmation in the laboratory, since false positive results are common.