

BCAP Insulin Formulary

(NOTE: Colour of text indicates formulary traffic light status of the insulin)

Type 2 Diabetes

NPH basal insulin formulary options			Cost as per MIMS March 17
NPH Basal Insulin	First line	Humulin I Insulatard Insuman Basal (if available)	£19.08 (5 × 3mL cart) £21.70 (5 × 3mL <i>KwikPen</i> ®) £22.90 (5 × 3mL cart) £20.40 (5 × 3mL <i>Innolet</i> ®) £7.48 (10ml vial) £17.50 (5 × 3ml cart) £19.80 (5 × 3ml <i>Solostar</i> ®) £5.61 (5ml vial)
	Pre-mixed insulin and analogue basal insulin formulary options		Cost as per MIMS March 17
Pre-mixed insulin	First line Choice is dependent on proportion of short acting insulin required.	Humulin M3	£19.08 (5 × 3mL cart) £21.70 (5 × 3mL <i>KwikPen</i> ®) £15.68 (10ml vial)
	Alternatives (if available)	Insuman Comb 25	£17.50 (5 × 3mL cart) £19.80 (5 × 3ml <i>Solo star</i> ®) £5.61 (5ml vial)
	<i>Note: analogue mixes should NOT be used in T2DM unless started with specialist advice</i>	Novomix 30 Humalog Mix 25 Humalog Mix 50	£28.79 (5 × 3mL cart) £29.89 (5 × 3mL <i>FlexPen</i> ®) £29.46 (5 × 3mL cart) £30.98 (5 × 3mL <i>KwikPen</i> ®) £16.61 (10ml vial) £29.46 (5 × 3mL cart) £30.98 (5 × 3mL <i>KwikPen</i> ®)
Analogue basal insulin For patients who have experienced hypoglycaemia on NPH insulin or at very high risk of hypoglycaemia This is not a standard choice and use should be minimised	First Line	Abasaglar (<i>Insulin glargine Biosimilar</i>)	£35.28 (5 × 3mL <i>KwikPen</i> ®) £35.28 (5 × 3ml cart)
	Alternatives	Lantus (<i>Insulin glargine</i>) <i>For existing pts/those with dexterity problems & needing >60 units per dose.</i> Levemir (<i>Insulin detemir</i>)	£41.50 (5 × 3mL cart) £41.50 (5 × 3mL <i>Solostar</i> ®) £30.68 (10ml vial) £42.00 (5 × 3mL cart) £42.00 (5 × 3mL <i>FlexPen</i> ®) £44.85 (5 × 3mL <i>Innolet</i> ®)
	Criteria for use: <ul style="list-style-type: none"> Pt must be able to self-administer High volume of 100 unit/ml injections of insulin with dose greater than 1.2 units /kg body weight. Morbidly obese (BMI >35) Severe insulin resistance Poor blood glucose control HbA1c >70 	Toujeo U300 (High concentration insulin glargine, 300 units/ml) <i>Specialist Initiated</i> Review criteria (at 6/12): <ul style="list-style-type: none"> Improved blood glucose control 	£33.13 (3 × 1.5mL <i>Solostar</i> ®)
Other formulary insulin options			Cost as per MIMS March 17
Basal bolus Only for patients with capacity to manage 4 injections/day	Maintain current basal insulin (NPH is first line for all patients).	NPH Basal Analogue Basal	(as above) (as above)
	Add in HUMAN short acting insulin	Insuman Rapid Humulin S Actrapid	£17.50 (5x 3mL cart) £19.08 (5x 3mL cart) £15.68 (10ml vial) £7.48 (10ml vial)

Type 1 Diabetes

Analogue Basal Insulin Formulary Options			Cost as per MIMS March 17
Choice based upon patient preference and glucose control	First line	Abasaglar <i>(Insulin glargine Biosimilar)</i> FIRST LINE CHOICE	£35.28 (5 × 3mL KwikPen®) £35.28 (5 × 3ml cart)
		Lantus (Insulin glargine) <i>EXISTING patients / those with dexterity problems & needing >60 units per dose.</i>	£41.50 (5 × 3mL cart) £41.50 (5 × 3mL Solostar®) £30.68 (10ml vial)
	Alternative choice	Levemir <i>(Insulin detemir)</i>	£42.00 (5 × 3mL cart) £42.00 (5 × 3mL FlexPen®) £44.85 (5 × 3mL Innolet®)
	Specialist initiation ONLY Only for Type 1 diabetic patients with: <ul style="list-style-type: none"> • Treatment limiting recurrent severe hypoglycaemia despite optimized analogue basal bolus insulin treatment • Have recurrent disabling hypoglycaemia prior to insulin pump therapy • Patients with recurrent DKA due to delayed/irregular administration due to compliance or lifestyle factors requiring hospital admission 	Tresiba U100 (Insulin degludec) <i>This is reserved as a last resort when all other options have been trialed.</i> Ensure correct strength is prescribed. Note that the 200 units/ml strength is NOT on formulary. Review criteria (at 6/12): <ul style="list-style-type: none"> • No. of episodes of hypoglycaemia • Acute unplanned admissions • Improved blood glucose control 	£46.60 (5 × 3mL cart) £46.60 (5 × 3mL FlexTouch®)
Analogue Rapid Acting Insulin Formulary Options			Cost as per MIMS March 17
Choice based upon patient preference and glucose control	Equal choice	Apidra <i>(insulin glulisine)</i> Humalog <i>(insulin lispro)</i> Novorapid <i>(insulin aspart)</i>	£28.30 (5x 3mL cart) £28.30 (5x 3mL Solostar®) £16.00 (5ml vial) £28.31 (5 × 3mL cart) £29.46 (5 × 3mL KwikPen®) £16.61 (10ml vial) £28.31 (5 × 3mL cart) £30.60 (5 × 3mL FlexPen®) £32.13 (5 × 3mL FlexTouch®) £28.31 (5 x 3ml cart) £14.08 (10ml vial)
Specialist Populations: Consultant Advice Needed			
Pregnancy	Gestational diabetes / T2DM	NPH Novorapid or Humalog	As per above tables
Pen devices to use according to manufacturer			
Manufacturer	Pen Device		
Sanofi Aventis Insulin	Clik star (half unit junior Clik Star available from DSN)		
Lilly insulin	Humapen Savvio (half unit Humapen Luxura Demi)		
Novo Nordisk	Novopen 5 (half unit Novopen Echo)		