

# INSULIN PREPARATIONS

## RAPID / SHORT ACTING

Insulin Type	Brands	Available In: Vials Pens Cartridges	Available Strengths		
			Vials	Pens	Cartridges
INSULIN ASPART	Fiasp 	✓	✓	✓	100units/ml
	Novorapid 	✓	✓	✓	100units/ml
INSULIN LISPRO	Humalog 	✓	✓	✓	100units/ml *200units/ml
INSULIN (Regular/ Neutral/ Soluble)	Humulin S 	✓	-	✓	100units/ml
	Actrapid 	✓	-	-	100units/ml
INSULIN GLULISINE	Apidra 	✓	✓	✓	100units/ml

## INTERMEDIATE ACTING (INCLUDING MIXED INSULIN)

Insulin Type	Brands	Available In: Vials Pens Cartridges	Available Strengths		
			Vials	Pens	Cartridges
ISOPHANE INSULIN	Humulin I 	✓	✓	✓	100units/ml
	Insulatard 	✓	✓	✓	100units/ml
BIPHASIC ISOPHANE INSULIN	Humulin M3 	✓	✓	✓	100units/ml
BIPHASIC INSULIN ASPART	Novomix 30 	-	✓	✓	100units/ml
BIPHASIC INSULIN LISPRO	Humalog Mix 25 	✓	✓	✓	100units/ml
	Humalog Mix 50 	-	✓	✓	100units/ml

## LONG ACTING

Insulin Type	Brands	Available In: Vials Pens Cartridges	Available Strengths		
			Vials	Pens	Cartridges
INSULIN DETEMIR	Levemir 	-	✓	✓	100units/ml
INSULIN GLARGINE	Abasaglar 	-	✓	✓	100units/ml
	Toujeo 	-	✓	-	300units/ml*
INSULIN DEGLUDEC	Lantus 	✓	✓	✓	100units/ml
	Tresiba 	-	✓	✓	100units/ml 200units/ml*
INSULIN DEGLUDEC /Liraglutide*	Xultophy 	-	✓	-	100units/ml + 3.6mg/ml

\*Note: Liraglutide is a GLP-1 Agonist and NOT a type of Insulin.

### TOUJEO SOLOSTAR VS TOUJEO DOUBLESTAR

Both pre-filled pens contain 300units/ml of insulin

- Solostar pens: 450units - doses given in steps of 1 unit
- Doublestar pens: 900units - doses given in steps of 2 units

### CAUTION

High Strength Insulins:

Toujeo

Tresiba

Humalog

## Have You Checked?

- PATIENT DETAILS
- HEPMA and the INSULIN CHART
- You have selected the correct:

- Brand
- Strength
- Device
- Dose

**HIGH RISK MEDICINE:**  
A second check should always be performed by a different nurse on any insulin prescriptions.

Scan QR Code to access 'NHSL Administration of Insulin in Hospital' Guidelines.

