

Injectable Insulins

Adapted from How Sweet It Is! Management of Diabetes: Diabetes Disease State Management

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Generic Name	Trade Name	Compatibility	Administration
Rapid Acting			
Insulin aspart	NovoLog	May be mixed with NPH for SQ injection May be given IV (NS, D5, D10)	SQ, IV, pump Administer within 5-10 minutes before a meal.
Insulin glulisine	Apidra	May be mixed with NPH for SQ injection May be given IV (NS)	SQ, IV, pump Administer 15 minutes before a meal or within 20 minutes after starting meal
Insulin lispro	Humalog	May be mixed with NPH for SQ injection May be given IV (NS)	SQ, IV pump Administer within 15 minutes before or immediately after eating if dosed as a meal-time insulin
Short Acting			
Regular	Humulin R Novolin R	May be mixed with longer-acting insulin for SQ (not conc) May be given IV (NS) (not conc)	Humulin R, Novolin R – IV (not conc) Humulin R, Humulin R (conc), Novolin R – SQ Administer 30-45 minutes before meal

Generic Name	Trade Name	Compatibility	Administration
Intermediate Acting			
Insulin isophane (NPH)	Humulin N Novolin N	May be mixed with regular or insulin lispro (not Novolin N)	SQ Typically administered within 30 minutes of a meal; typically given twice daily
Long Acting / Ultra Long Acting			
Insulin degludec	Tresiba	Do not mix or dilute with any other insulin or solution	Once daily dosing, can be administered at any time of the day, at the same time every day
Insulin detemir	Levemir	Do not mix or dilute with any other insulin or solution	Once daily, with evening meal or bedtime. Twice daily dosing – evening dose with evening meal, at bedtime, or 12 hours after morning dose
Insulin glargine	Lantus, Toujeo, Basaglar	Do not mix or dilute with any other insulin or solution	Once daily dosing can be administered at any time of the day, at the same time every day