


D  iabetes

M  edication-

I  njectables



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DIABETES MEDICATION – INJECTABLES

TYPE	START	PEAK	END	COMMENTS
BOLUS INSULIN				
Rapid Acting				Take immediately before or with meal or as directed by MD
Lispro Aspart	5-15 min 5-15 min	30-75 min 1-2 hours	2-4 hours 3-6 hours	
Short Acting				Take 15-30 minutes before meals or as directed by MD
Regular	30-45 min.	2-3 hours	4-8 hours	
BACKGROUND INSULIN				
Intermediate-acting Insulin				Take 30 minutes before meal time.
NPH	2-4 hours	4-8 hours	10-16 hours	
Long-acting Insulin				Take Lantus 1x/day-; May take Levemir 2/x day; Neigher can be mixed with any other insulins
Glargine* Lantus	1.1 hours	No peak	24 hours	
Detemir* Levemir	.8-2 hours	5-7 hours with relatively flat peak action		
Pre-mixed Insulins – Background and bolus together				Insulins mixed with the rapid-acting insulins need to be taken immediately before a meal; All mixed insulins will have 2 peaks with each injection; important to eat meals on time and regularly.
75/25 - NPH/Lispro	5-15 minutes	Early peak and late peak- 1-12 hours	About 18 hours for all.	
70/30 NPH/Aspart	5-15 minutes	Early peak and late peak – 1-12 hours		
70/30 or 50/50 NPH/Regular	30-60 minutes	Early peak and late peak – 2-12 hours . ©FFF		

NAME	START	PEAK	END	COMMENTS
INHALED INSULIN				
Exubera (powder)	10-25 min.	30-90 min.	5-8 hours.	Fast acting; bolus insulin; Need lung evaluation before using.
OTHER DIABETES MEDICATIONS				
(Synthetic amylin hormone) Pramlintide* Symlin	Not Applicable	Not applicable	Not applicable	Can be used in conjunction with insulin, but cannot be mixed with.
(Incretin Mimetic Peptide Hormone) Exenatide* Byetta	Not Applicable	Not applicable	Not applicable	Cannot be taken when on insulin, but with some oral agents. . ©FFF

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