

Drug Information Center
TYPES OF INSULIN PRODUCTS IN KAUH

Name	ingredient	Strength	Dosage form	Half life	Onset	Durati on of action	picture
Actrapid®	Human insulin (rDNA)	100 IU/ml	Vial	4-12 hr	0.5 hours	1.5 hours	
Levemir®	Detemir	100 IU/ml	Prefilled disposable pin	5-7 hours	3-4 hours	6-23 hours	
NovoMix®	30% soluble insulin aspart / 70% insulin aspart crystallized with protamine	100 IU/ml	Prefilled pin	8-9 hours	10-20 minutes	18-24 hours	
Mixtard®	30 % soluble human insulin / 70%NPH insulin	100 IU/ml	Prefilled pin	5-10 hours	0.5 hours	18-24 hours	
Mixtard®	30 % soluble human insulin / 70%NPH insulin	100 IU/ml	vial	3-4 hours	3-4 hours	24 hours or longer	
Lantus®	Glargine	100 IU/ml	Prefilled pin	—	3-4 hours	24 hours or longer	

Note1:

Is novomix like mixtard?

it is not as simple as a one to one conversion, the patient will have to monitor her or his blood sugar level for at least one week after change, and the dose of Novomix be adjusted based on new blood sugar level readings .for some patients third dose of Novomix may be added during lunch because there is no second peak for novomix that control lunch sugar as Mixtard.

Note2:

Novomix can cause hypoglycemia more than mixtard because it has higher peak. So the novomix regimen can be safely initiated from a twice dialy regimn, I splitting the morning dose into morning and lunch doses.

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References:

1. Insulin leaflet
2. www. Lexi .com
3. How to change mixtard insulin to other type of insulin .2011.
<http://www.thepillhouse.com/pharmacist/how-to-change-mixtard-to-something-else>