

Mypart Mix

30% Insulin Aspart & 70% Insulin Aspart Protamine (rDNA) BP

Composition: Mypart Mix Injection (100 IU) Penset: Each ml suspension contains Insulin Aspart (rDNA) BP 100 IU (equivalent to 3.5 mg) as 30% Soluble Insulin Aspart & 70% Insulin Aspart Protamine.

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Description: Mypart Mix (Insulin Aspart & Insulin Aspart Protamine) is a human insulin analog suspension containing 30% Insulin Aspart & 70% Insulin Aspart Protamine used to lower blood glucose. Insulin Aspart is homologous with regular human insulin with the exception of a single substitution of the Amino Acid Proline by Aspartic Acid in position B28, and is produced by recombinant DNA

The primary activity of insulin, including Insulin Aspart is the regulation of glucose metabolism. Insulin, and its analogs lower blood glucose by stimulating peripheral glucose uptake, especially by skeletal muscle and fat, and by inhibiting hepatic glucose production. Insulin inhibits lipolysis and proteolysis, and enhances protein synthesis.

Indications: Mypart Mix is a insulin analog mixture of Insulin indicated to improve glycemic control in patients with diabetes mellitus.

Instructions to be given to the patient

Cartridge:

Before injecting this Insulin:

1. Always check insulin labels before administration to make sure it is the right type of insulin.
2. Inject Mypart Mix subcutaneously in the abdominal region, buttocks, thigh, or upper arm.
3. Administer the dose within 15 minutes before meal initiation. For patients with type 2 diabetes, the dose may also be given after meal initiation.
4. Rotate injection sites within the same region from one injection to the next to reduce the risk of lipodystrophy.
5. According to the instruction given with MyPen, insert the Mypart Mix cartridge into the pen correctly & equip the needle.
6. Roll the cartridge between your palms 10 times- it is important that the cartridge is kept horizontal (level with the ground). Move the cartridge up and down 10 times so that the glass ball moves from one end of the cartridge to the other.
7. Repeat the rolling and moving procedures until the liquid appears uniformly white and cloudy. Do not use the cartridge if the resuspended insulin does not look uniformly white and cloudy.
8. Mypart Mix must be resuspended immediately before use. Resuspension is easier when the insulin has reached room temperature.
9. Remove the needle cap, discharge air bubbles in the cartridge.
10. Adjust the dosage button to get correct dose & inject to the specific site.
11. Always use a new needle for each injection to prevent contamination.
12. Do not administer Mypart Mix intravenously or use in insulin infusion pumps.
13. Do not use Mypart Mix past the expiration date printed on the label.
14. Do not mix Mypart Mix with any other insulins.
15. Complete the other stages of injection without delay.

For detail description, please see the Patient Instruction Leaflet provided with MyPen.

Resuspension:

Check that there are at least 12 units of insulin left in the cartridge to allow even resuspension. If there are less than 12 units left, use a new cartridge.

Vial:

Before injecting this Insulin:

1. Disinfect the rubber stopper.
2. If suspension, roll the vial between the palms of the hands until the liquid is uniformly white and cloudy.
3. Draw into the syringe the same amount of air as the dose of insulin to be injected.
4. Inject the air into the vial.
5. Turn the vial and syringe upside down and draw the correct insulin dose into the syringe. Withdraw the needle from vial and expel the air from the syringe and check that the dose is correct.
6. Inject immediately.

Dosage & administration : Dosage of Mypart Mix is individual and determined by the physician in accordance with the needs of the patient.

In patients with type 2 diabetes, Mypart Mix can be given in mono therapy or in combination with oral antidiabetic drugs when the blood glucose is inadequately controlled with those oral antidiabetic drugs alone. For patients with type 2 diabetes, the recommended starting dose of Mypart mix is 6 IU at breakfast and 6 IU at dinner (evening meal). Mypart mix can also be initiated once daily with 12 IU at dinner (evening meal). When using Mypart Mix once daily, it is generally recommended to move to twice-daily when reaching 30 units by splitting the dose into equal breakfast and dinner doses. If twice daily dosing with Mypart Mix results in recurrent daytime hypoglycaemic episodes, the morning dose can be split into morning and lunchtime doses (thrice daily dosing).

The following titration guideline is recommended for dose adjustment: