



Medicine Supply Notification

MSN/2025/046

Hypurin® Porcine Isophane (insulin isophane porcine) 100units/ml suspension for injection 10ml vials

Hypurin® Porcine Neutral (insulin soluble porcine) 100units/ml solution for injection 10ml vials

Hypurin® Porcine 30/70 Mix (insulin isophane biphasic porcine 30/70) 100units/ml suspension for injection 10ml vials

Tier 2 – medium impact*

Date of issue: 23/07/2025

Link: [Medicines Supply Tool](#)

Summary

- Vial presentations of Hypurin® Porcine Isophane, Hypurin® Porcine Neutral and Hypurin® Porcine 30/70 Mix are being discontinued with supplies anticipated to be exhausted by the end of September 2025, mid-February 2026, and end of July 2026, respectively.
- The cartridge presentations of these products remain available and can support increased demand.
- Hypurin® Porcine cartridges are compatible with the AutoPen® Classic, and with the new mypen®2, which will be available from late September 2025.
- Note: AutoPen® Classic has been discontinued but limited stock remains available and can be used until mypen®2 is available (see Supporting information).

Actions Required

Clinicians should not initiate new patients on **vials** of Hypurin® Porcine insulins.

For existing patients using the vials and for whom a switch to the cartridges is considered appropriate (after taking into account manual dexterity, vision, and additional support that may be required to aid administration), clinicians should:

- consider prescribing **cartridges** of Hypurin® Porcine Isophane, Neutral and 30/70 Mix (see Supporting information);
- ensure that all patients are informed of reason for the switch and that they are receiving the same insulin contained in the cartridge, but initially they may need to check their blood glucose levels more closely;
- provide patients with training on the use of their new device, including signposting to training videos; and
- ensure patients are provided with the AutoPen® Classic until myPen®2 is available, as well as needles and a sharps bin; and
- for patients who cannot use these pen devices and have no carers to support them with administration, advice should be sought from the diabetes team on alternative management options.

*Classification of Tiers can be found at the following link:

<https://www.england.nhs.uk/publication/a-guide-to-managing-medicines-supply-and-shortages/>

Supporting information

Clinical Information

Extracting insulin from prefilled pens and cartridges is considered a NEVER event and should not occur in clinical practice. Extracting insulin from prefilled pens and cartridges carries a high-risk of insulin administration errors, and in particular, accidental insulin overdose. The risk of an insulin administration error, and the consequences thereof, have the potential for high risk of harm and catastrophic events.

Structurally, porcine insulin differs from human insulin by one amino acid. Like human insulin, porcine insulin is available in various formulations (soluble, isophane, 30/70 Mix).

Although there have been reports in the past that transfer to human insulin was associated with loss of the warning symptoms of hypoglycaemia in some patients, which resulted in higher frequencies of severe hypoglycaemia, many studies have refuted an increased incidence of hypoglycaemia.

Switching between insulin devices

When switching to another device for administering insulin, ensure patients are provided with appropriate education and training to ensure they can use the new device and administer the correct dose. As a precaution, the patient should be advised to initially monitor their glucose levels more closely. In the event of concerns with new glucose excursions (high or low glucose readings), the patient should be advised to speak to/seek advice from their specialist diabetes team.

Pen devices

Hypurin® Porcine cartridges are compatible with mypen®2 and Autopen® Classic devices.

The AutoPen® Classic comes in two presentations:

- 1 unit dial up / range 1 to 21 units in a single injection
- 2 unit dial up / range 2 to 42 units in a single injection

MyPen®2 dials up 1 unit at a time and can deliver 1 to 60 units in a single injection.

Supply Information

Table 1: Discontinued products and alternative presentations that remain available and can fully support

| Brand name of discontinued product | Generic name | Alternative presentations |
|------------------------------------|---|---|
| Hypurin® Porcine Isophane vials | Insulin isophane porcine | Hypurin® Porcine Isophane 3ml cartridges |
| Hypurin® Porcine Neutral vials | Insulin soluble porcine | Hypurin® Porcine Neutral 3ml cartridges |
| Hypurin® Porcine 30/70 Mix vials | Insulin isophane biphasic porcine 30/70 | Hypurin® Porcine 30/70 Mix 3ml cartridges |

Links to further information

[BNF Insulin](#)
[BNF Insulin preparations](#)
[SmPC Hypurin® Porcine vials and cartridges](#)
[NICE guidance: Type 1 diabetes in adults \(insulin therapy\)](#)
[NICE CKS- Insulin therapy in type 1 diabetes](#)
[NICE CKS- Insulin therapy in type 2 diabetes](#)

[Wockhardt mypen®2 device user manual](#)
[Owen and Mumford Autopen® Classic device user manual](#)
[NHS England » Patent safety alert: Risk of severe harm and death due to withdrawing insulin from pen devices](#)

Enquiries

If you have any queries, please contact DHSCmedicinesupplyteam@dhsc.gov.uk.