

Hybrid closed loop systems for managing blood glucose levels in type 1 diabetes

Information for the public

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Access to hybrid closed loop systems will be through a 5-year phased roll out in line with [NHS England's implementation plan](#). For enquiries about cost-effective pricing contact Leigh.Carr@supplychain.nhs.uk.

When available, hybrid closed loop systems will be possible options to manage blood glucose levels in type 1 diabetes for:

- adults with disabling hypoglycaemia, or an HbA1c of 58 mmol/mol (7.5%) or more, despite best possible management with at least 1 of the following:
 - continuous subcutaneous insulin infusion
 - real-time continuous glucose monitoring
 - intermittently scanned continuous glucose monitoring
- children and young people
- women, trans men and non-binary people who are pregnant or planning to become pregnant.

When available, you may be able to have a hybrid closed loop system if you or your carer is able to use one, and:

- you or your carer is offered a structured education programme (digital or face-to-face) or
- is competent in insulin dosing and adjustments.

Is this treatment right for me?

Your healthcare professionals should give you clear information, talk with you about your options and listen carefully to your views and concerns. Your family can be involved too, if you wish. See [our webpage on making decisions about your care](#).

Questions to think about

- How well does it work compared with other systems to manage blood glucose?
- What are the risks or side effects? How likely are they?
- How will the systems affect my day-to-day life?
- What happens if the systems do not work?
- What happens if I do not want to have the systems? Are there other treatments available?

Information and support

The [NHS webpage on type 1 diabetes](#) may be a good place to find out more.

These organisations can give you advice and support:

- [Diabetes UK](#), 0345 123 2399
- [JDRF](#), 020 7713 2030

You can also get support from your local [Healthwatch](#).

NICE is not responsible for the quality or accuracy of any information or advice provided by these organisations.

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