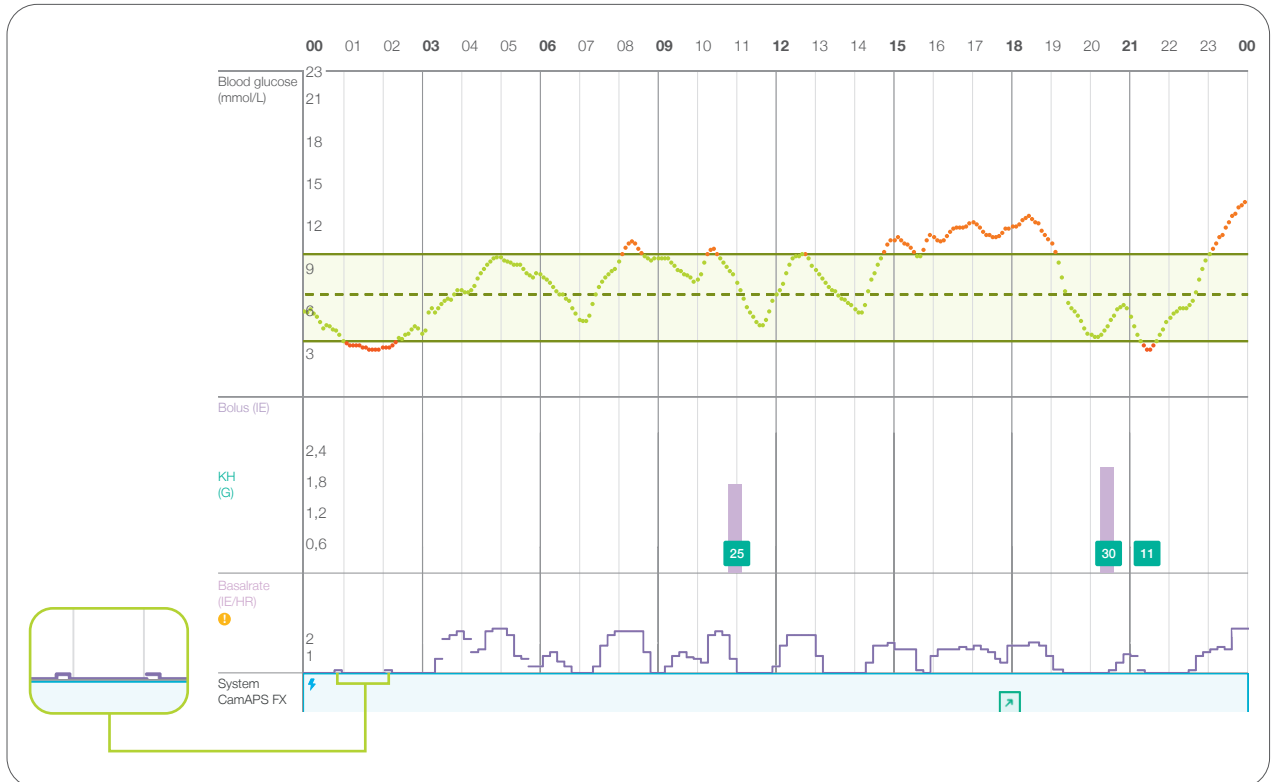




Patency pulse on mylife CamAPS FX

What are these little pulses of insulin?



It's what we call patency pulses.

- You may see a small pulse of insulin every 90 minutes when mylife CamAPS FX has stopped delivering insulin for an extended period of time.
- This pulse is designed to maintain pressure in the infusion set tubing to prevent it from blocking.
- The pulse delivers a tiny amount of insulin (0.04 units). It looks like 0.2 units on the graph as it is shown as a rate (i.e. 0.2 units per hour), but this rate is only delivered for a very short time.

Do patency pulses cause hypos?

- The patency pulses are a sign that mylife CamAPS FX has been trying to prevent a hypo for longer than 90 minutes.
- mylife CamAPS FX may not always be able to prevent a hypo due to the amount of insulin that is already in the body (insulin on board).
- If the patency pulse occurs at the same time as a hypo, it is unfortunately a coincidence. The pulse itself is unlikely to be the cause of the hypo.



What can you do about patency pulses?

- If you see them regularly during the day, consider reviewing the:
 - Insulin-to-carbohydrate ratio (ICR) at the previous meal and/or snack
 - Pre-meal bolus timing and carbohydrate counting accuracy
 - Use of the “Add meal” function
 - Personal glucose target (PGT)
 - Use of the “Ease-off” mode for physical activity and/or when drinking alcohol
- Very young children and some people with newly diagnosed type 1 diabetes, often need very little basal insulin overnight. It is common to see patency pulses overnight in this group.
- If hypos happen overnight, have a look if mylife CamAPS FX is working hard to correct high glucose levels in the last few hours of the previous day. If so, consider reviewing:
 - The ICR, carbohydrate counting, bolus timing and, if appropriate, splitting of the pre-meal bolus with or without using the “Add meal” function for the evening meal.
 - “Auto mode’s” personal glucose target (PGT) setting from bedtime to midnight and considering tightening (lowering) the PGT at this time.

Note: Please discuss all recommendations with your diabetes team.



rtCGM: real time continuous glucose monitoring

mylife YpsoPump and CamAPS FX are class IIb devices. Only rapid-acting insulin at a concentration of 100 U/ml (insulin analogue) may be used with the mylife YpsoPump system. Always read the label and use only as directed. Consult your healthcare professional to see if these products are right for you.

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For safety information on mentioned products, see Instructions for Use.