

DIABETES MANAGEMENT PLAN 2019

EARLY CHILDHOOD EDUCATION AND CARE SETTING

APPENDIX FOR FREESTYLE LIBRE FLASH GLUCOSE MONITORING SYSTEM

Name of child: _____ Date of birth: _____

Name of centre: _____ Room/Group: _____

GENERAL INFORMATION:

Children may attend the centre wearing a Flash Glucose Monitoring (FGM) system.
This technology is to support children and parents/carers and will be managed by parents/carers.

Staff are not expected to do more than the current routine diabetes care.
FGM provides information about trends in glucose levels. **It will not affect the care activities indicated in the Diabetes Action and Management plans.**

While these devices provide additional information on glucose values and trends, they are not compulsory management tools.

FGM consists of a small sensor that is inserted into the upper, outer arm. The sensor tip sits under the skin, and measures glucose levels in the fluid surrounding the cells (interstitial fluid). The sensor measures glucose every minute and stores this glucose data every 15 minutes. When scanned, the sensor will provide the wearer with the most current glucose reading, a glucose trend arrow and data from the previous 8 hours.



Sensor



Reader



Scanning the sensor

The sensor reading can be obtained by scanning the reader 1-4cm over the sensor disc (as shown in the graphic above). This reading can also be taken through clothing.

Warning: This device does not have alarm settings, and will not automatically alert the wearer if the glucose reading is going low or high. The device will only give the wearer a glucose reading when the sensor disc is scanned.

USE IN EARLY CHILDHOOD EDUCATION AND CARE SETTING

Glucose readings from the FGM system can at times be different to finger prick blood glucose results. This is more likely to occur during times of rapidly changing glucose levels (during eating, after insulin administration, during exercise).

Because of this, FGM **DOES NOT** replace finger prick blood glucose checks.

A finger prick blood glucose check should be performed:

- To confirm Hypoglycaemia (<4.0mmol/L)
- To confirm Hyperglycaemia (>15mmol/L or “HI”)
- Any time the child feels unwell

Follow *Diabetes Action Plan* according to finger prick blood glucose result.

ADDITIONAL INFORMATION:

- Management continues as per Diabetes Action and Management Plans
- Approved for use in those aged 4 -17 years, under adult supervision
- The reader can also be used as a manual blood glucose meter or blood ketone meter. It is compatible with Freestyle Optium strips which are not funded within NZ.
- A parent/carer is responsible for making sure that the reader is charged. A fully charged reader battery should last for 7 days
- A parent/carer is responsible for changing the sensor site
- If the sensor attached to the child falls out, staff are required to keep it in a safe place and it will be collected by the parents/carers at the end of the session
- The sensor is water resistant for 30 minutes in up to 1 meter of deep water
- **Parents /carers are the primary contact for any questions regarding Flash Glucose Monitoring use.**

Parent/Carer:	Signature:	Date:
Centre Director:	Signature:	Date:
Diabetes Healthcare Team:	Signature:	Date: