



## **LIMES FARM JUNIOR SCHOOL**

### **DIABETES POLICY**

#### **What is Diabetes?**

1. Diabetes is a condition where the level of glucose in the blood rises. This is either due to the lack of insulin (Type 1 diabetes) or because there is insufficient insulin for the child's needs or the insulin is not working properly (Type 2 diabetes).

2. About one in 550 school-age children have diabetes, and 2 million people suffer in the UK. The majority have Type 1 diabetes. They normally need to have daily insulin injections, to monitor their blood glucose level and to eat regularly according to their personal dietary plan. People with Type 2 diabetes are usually treated by diet and exercise alone.

3. Each person may experience different symptoms and this should be discussed when drawing up the health care plan. Greater than usual need to go to the toilet or to drink, tiredness and weight loss may indicate poor diabetic control, and staff will naturally wish to draw any such signs to the parents' attention.

Staff with diabetes should make their condition known and their treatment plan available. Children and staff should be made aware of what to do if the member of staff is unwell.

#### **Medicine and Control for children**

4. The diabetes of the majority of children is controlled by injections of insulin each day. Most younger children will be on a twice a day insulin regime of a longer acting insulin and it is unlikely that these will need to be given during school hours, although for those who do it may be necessary for an adult to administer the injection. Older children may be on multiple injections and others may be controlled on an insulin pump. Most children can manage their own injections, but if doses are required at school supervision may be required, and also a suitable, private place to carry it out.

5. Increasingly, older children are taught to count their carbohydrate intake and adjust their insulin accordingly. This means that they have a daily dose of long-acting insulin at home, usually at bedtime; and then insulin with breakfast, lunch and the evening meal, and before substantial snacks. The child is taught how much insulin to give with each meal, depending on the amount of carbohydrate eaten. They may or may not need to test blood sugar prior to the meal and to decide how much insulin to give. Diabetic specialists would only implement this type of regime when they were confident that the child was competent. The child is then responsible for the injections and the regime would be set out in the individual health care plan.

6.Children with diabetes need to ensure that their blood glucose levels remain stable and may check their levels by taking a small sample of blood and using a small monitor at regular intervals. They may need to do this during the school lunch break, before PE or more regularly if their insulin needs adjusting. Most older children will be able to do this themselves and will simply need a suitable place to do so. However younger children may need adult supervision to carry out the test and/or interpret test results.

6. When staff agree to administer blood glucose tests or insulin injections, they should be trained by an appropriate health professional. Administering injections is a matter for personal preference and no member of staff will be expected to carry out this task without full training and their consent.

7. Children with diabetes need to be allowed to eat regularly during the day. This may include eating snacks during class-time or prior to exercise. Schools may need to make special arrangements for pupils with diabetes in the form of a care plan which is also agreed with the diabetic nursing team. If a meal or snack is missed, or after strenuous activity, the child may experience a hypoglycaemic episode (a hypo) during which blood glucose level fall too low. Staff in charge of physical education or other physical activity sessions should be aware of the need for children with diabetes to have glucose tablets or a sugary drink to hand.

8. Staff should be aware that the following symptoms, either individually or combined, may be indicators of low blood sugar – a hypoglycaemic reaction (hypo) in a child with diabetes:  hunger  sweating  drowsiness  pallor  glazed eyes  shaking or trembling  lack of concentration  irritability  headache  mood changes, especially angry or aggressive behaviour.

9. Each child may experience different symptoms and this should be discussed when drawing up a health care plan.

10. If a child has a hypo, it is very important that the child is not left alone and that a fast acting sugar, such as glucose tablets, a glucose rich gel, or a sugary drink is brought to the child and given immediately. Slower acting starchy food, such as a sandwich or two biscuits and a glass of milk, should be given once the child has recovered, some 10-15 minutes later.

11. An ambulance should be called if: recovery takes longer than 10-15 minutes or if the person becomes unconscious

12. Some children may experience hyperglycaemia (high glucose level) and have a greater than usual need to go to the toilet or to drink. Tiredness and weight loss may indicate poor diabetic control, and staff will naturally wish to draw any such signs to the parents' attention. If the child is unwell, vomiting or has diarrhoea this can lead to dehydration. If the child is giving off a smell of pear drops or acetone this may be a sign of ketosis and dehydration and the child will need urgent medical attention.

13. Information and photographs of children with diabetes will be kept in the staff room and kitchen.

This policy will be reviewed every 3 years.