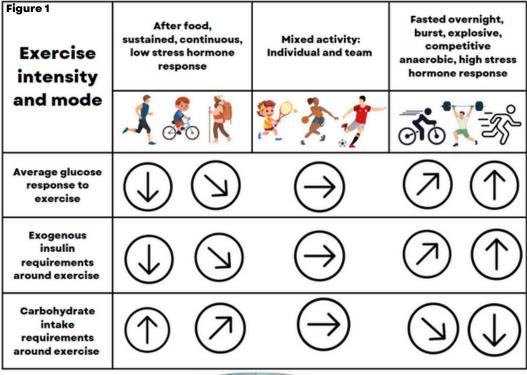
## **Exercise and Type 1**

#### How does exercise affect you if you have diabetes?

- If you've taken insulin for food in the last 2-3 hours, how exercise affects you depends on the type and duration of activity along with starting blood glucose and the rate of change during exercise
- See the diagrams below to see how each type of exercise affects your blood glucose levels and how to manage it



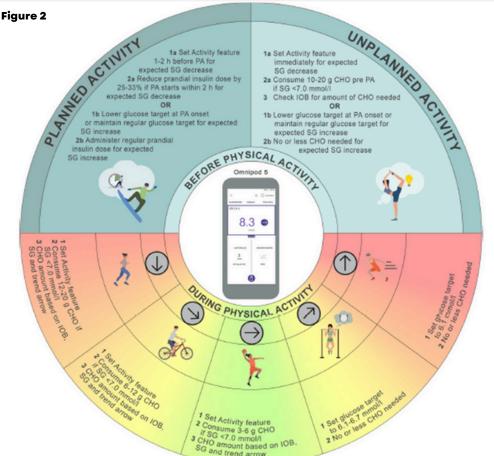


Figure 1: Adolfsson, P. et al (2022). Exercise in children and adolescents with diabetes. ISPAD

Figure 2: Moser, O. et sl (2025). The use of automated insulin delivery around physical activity and exercise in type 1 diabetes: a position statement of the European Association for the Study of Diabetes (EASD) and the International Society for Pediatric and Adolescent Diabetes (ISPAD). Diabetologia. Feb; 68(2):255-280.

# My plan:

#### **Before activity**

### **During activity**

### After activity

	Before Exercise		During Exercise	After exercise	
Plan Execution	Activity Target	Meal insulin	Carbohydrate	Activity Target	Post exercise meal insulin
>15mmol/L using starting plan	Off	No reduction	<7mmol/L carbohydrates 3-20g per 30mins	Off	No reduction
Starting plan	On	-25%		Off	-25%
<5mmol/L using starting plan	On	-50%		On for 6 hours	-50%