

# meal time insulin calculations

### step 1: meal bolus calculation

How much insulin do I need for my carbs?

#### Insulin to Carbohydrate ratio (ICR):

1 unit of insulin covers me for every \_\_\_\_\_ grams of carbs

#### Meal bolus calculation:

total amount of carbs in meal (g) ÷ ICR (\_\_\_)

= \_\_\_\_ units

## step 2: correction dose calculation

How much insulin do I need to bring down a high BG (blood glucose)?

\*Only use correction dose if BG is higher than \_\_\_\_\_ mmol/L

Insulin Sensitivity Factor (ISF): 1 unit of insulin lowers my BG by \_\_\_\_\_\_ mmol/L

My BG target is \_\_\_\_\_ mmol/L

#### **Correction dose calculation:**

Pre-meal BG (mmol/L) – Target BG (\_\_\_\_mmol/L) ÷ ISF (\_\_\_)

ADD

= \_\_\_\_ units

### step 3: total mealtime insulin

meal bolus + correction dose

= \_\_\_\_\_ units (total mealtime insulin)

