How do I use correction insulin?

- Allows 'correction' of hyperglycaemia pre-meals or at times of reduced oral intake e.g. when unwell

- **Only use rapid-acting insulin for correction insulin + do not repeat within 3 hours**
  - Needs to be administered separately if on basal or premixed insulin alone

- **Use 1 unit for every x mmol > 6 mmol/L based on the total daily dose (TDD) of insulin**
  - TDD **≤ 25** units → correction 1 unit for every **4** mmol > 6 mmol/L
  - TDD **26 – 40** units → correction 1 unit for every **3** mmol > 6 mmol/L
  - TDD **41 – 75** units → correction 1 unit for every **2** mmol > 6 mmol/L
  - TDD **≥ 76** units → correction 1 unit for every **1** mmol > 6 mmol/L

- **Often safer to limit initial correction to 6 – 10 units + correct to 8 mmol/L if risk of hypoglycaemia**

How do I use correction insulin?

- E.g. if on basal insulin 40 units + bolus insulin **10 units with meals** → total daily dose is 70 units
  - Correction factor is **1 unit for every 2 mmol > 6 mmol/L** provide clear instructions on what dose to administer at each meal

BGL (mmol/L)	Correction dose (units)	Total dose with meal (units)
4.0 – 7.9	0	**10**
8 – 9.9	1	**11**
10 – 11.9	2	**12**
12 – 13.9	3	**13**
14 – 15.9	4	**14**
16 – 17.9	5	**15**
> 18.0	6	**16**