



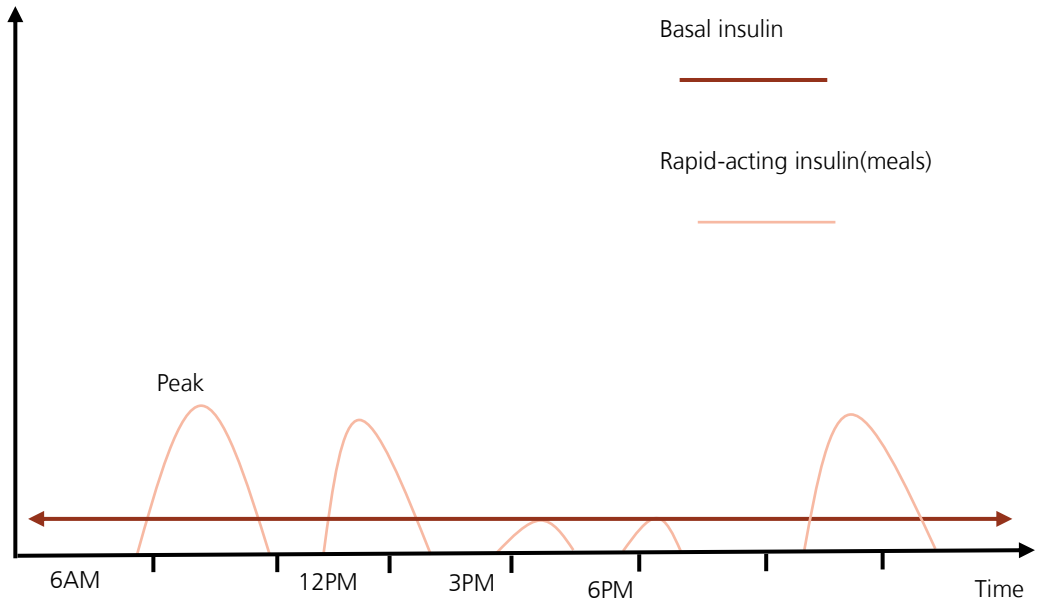
جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

مستشفى الملك فهد الجامعي
King Fahad Hospital The University

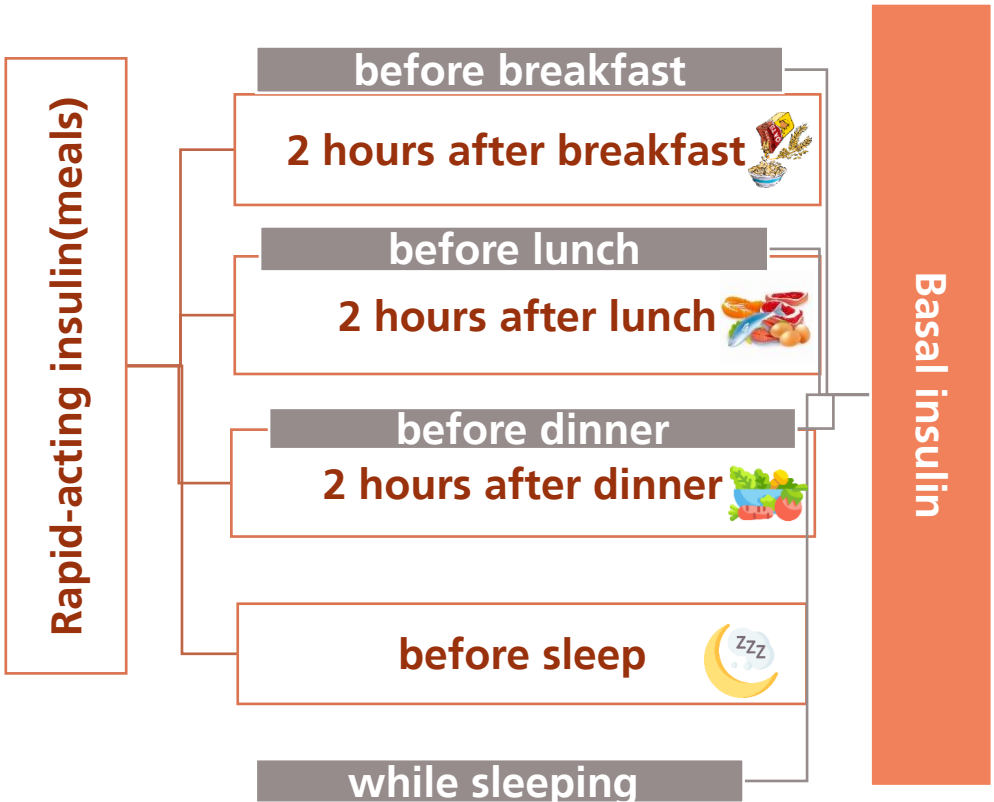
Multi Daily Injection



✓ How do insulin pens work?



✓ Action Times for Insulins



✓ Doses:

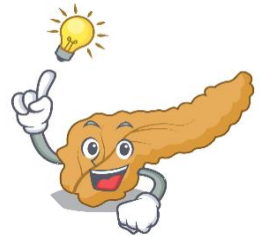
Basal insulin: _____

Works for 24 hours and never stops, it controls sugar before meals, during fasting and sleep

Given every day at the same hour Example:
6 pm every day

Also, remember that it has nothing to do with meals. It is always given even during illness or vomiting.

The Basal Insulin
like the pancreas



Dose: _____

✓ Doses:

Rapid-acting insulin(Meals): _____

It works from 2 to 8 hours, it has a peak that causes a decrease in sugar. Taken with meals, correction and elevations. Controls the sugar level two hours after the meal.



Dose: _____

_____ Breakfast_____

_____Lunch _____

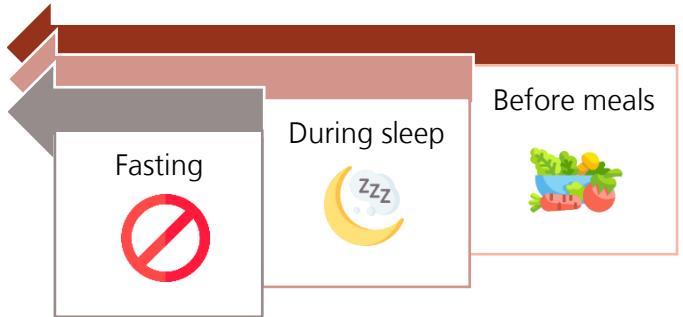
_____ Dinner_____

It is given with the meal and can be given immediately after the meal if the child is not sure that he will eat or not

✓ Required readings for blood sugar:

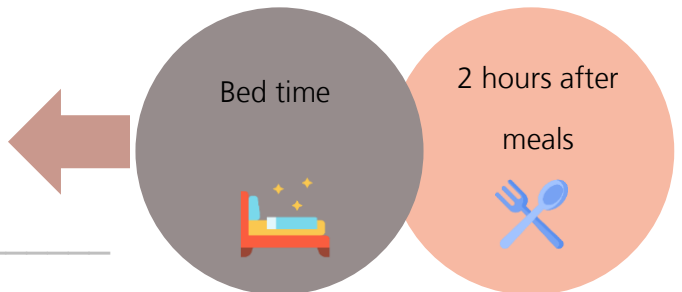
These readings are controlled

by **basal insulin:**



These readings are controlled

by **Rapid-acting
insulin(meals):**





✓ **Correction doses and correction times:**

They are extra doses given from Rapid-acting insulin (meals) in the case of a high blood sugar level.

Correction times:

- Before meals
- Two hours after a meal
- Between meals

Sources and References:

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Review and audit:

The content of this booklet has been reviewed by pediatric endocrinology and diabetes consultants at King Fahad University Hospital

Health Awareness Unit

IAU-21-187



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