

# CASE STUDY 2

## CGM NO LGS

### USE OF INSULIN PUMP

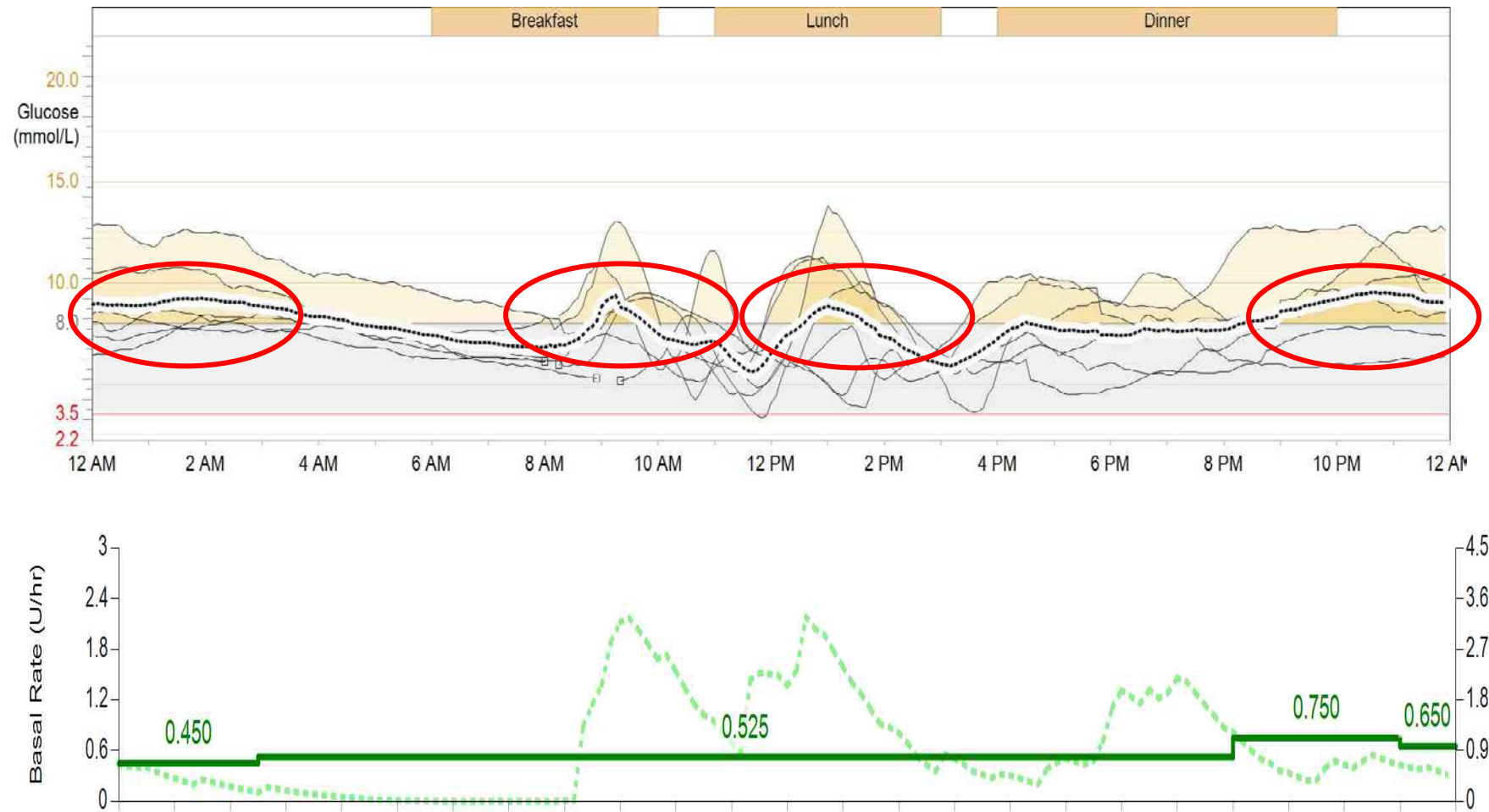
# CASE STUDY 2 CGM NO LGS

## USE OF INSULIN PUMP

### Patient information:

- 60 year old lady
- Type 1 diabetes for 10 years
- Pump therapy for 6 years
- Enjoys travel
- HbA1c – 6.2% for past 12months
- Frustrated – she's over-thinking the pump advice
- Frequent user of real time – discrepancies

# CASE STUDY 2 CGM NO LGS PRE MODIFICATION



Main areas of frustration for the patient are circled

## CASE STUDY 2 CGM NO LGS

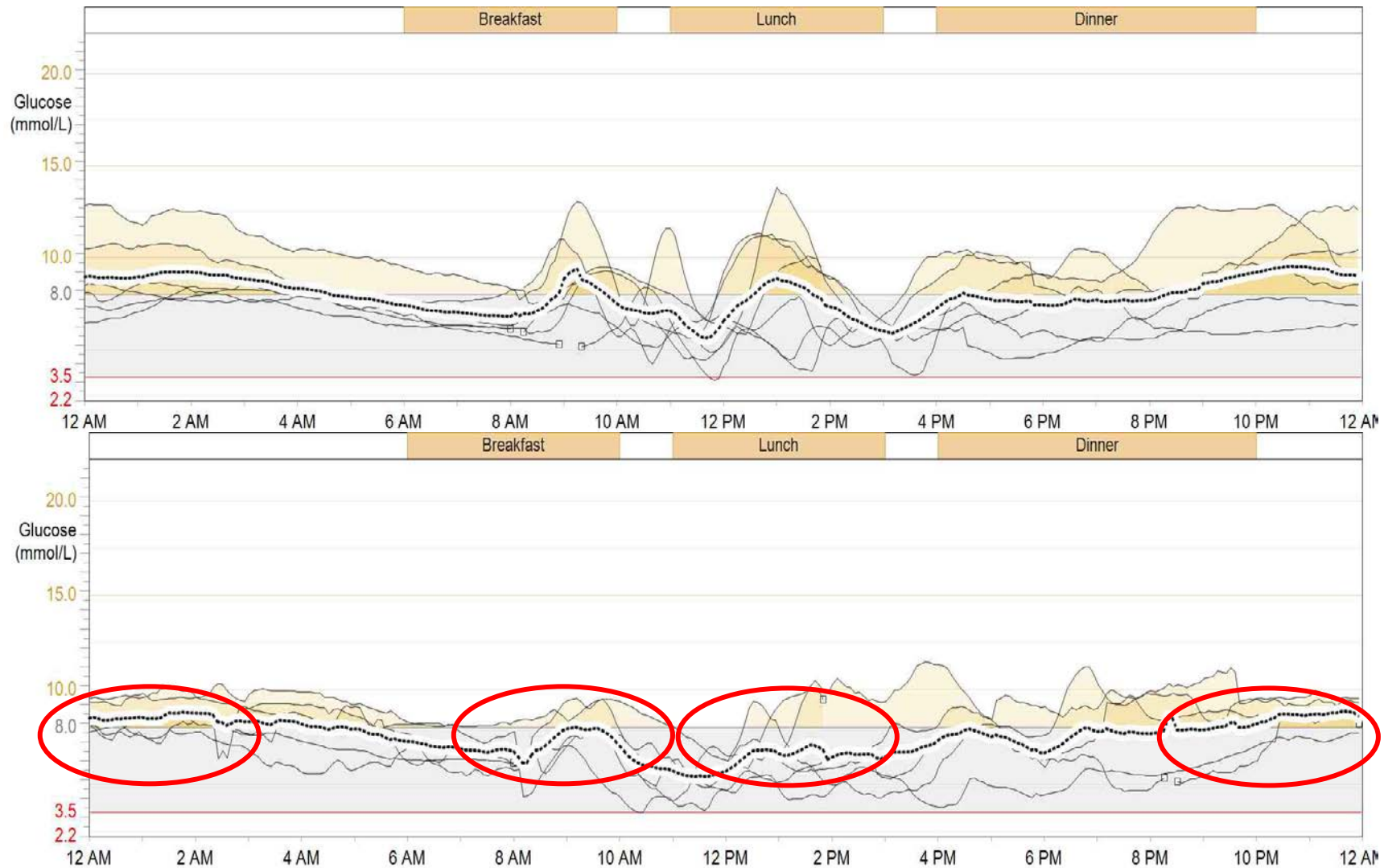
### SUGGESTED MODIFICATIONS

- Modify ISF due to pre bed and overnight corrections and active insulin influences
- Change IOB to 3hrs from 2hrs
- Higher target to 6.0mmol/L
- Use CGM to manipulate pump settings for tighter glycaemic control

This patient already had fairly good control, however, she was giving herself correction bolus doses pre bed and during the night. It was suggested to look at decreasing her insulin sensitivity factor and allow the pump to give more insulin due to a reduced time period for insulin to still be on board. But, this requires safety and hence her target range was lifted to 6 mmol/L.

# CASE STUDY 2 CGM NO LGS

## PRE VS POST



Due to the insulin sensitivity factor being modified and the insulin on board time being reduced, this has allowed greater control around post prandial highs and flattened the line of glycaemic control.

## CASE STUDY 2 CGM NO LGS

This case study relates to accounts of each individual's response to the treatment. Each individual's response does not provide any indication, guide, warranty or guarantee as to the response other persons may have to the treatment. The response other persons have to the treatment could be different. 2385-102015