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 12 months
- Frustrated – she’s over-thinking the pump advice
- Frequent user of real time – discrepancies
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.
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.
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