Labour protocol for **:   Type 1 diabetic patients post cesarian delivery.**

1.Monitor glucose every 2 hours until eating soft diet and then measure premeals and bedtime.

2.Continue IV glucose infusion at what ever rate was running at time of delivery.

3.When glucose level exceeds 8 mmol/L then restart IV insulin [50 Units Regular in 500 mls NaCl (N), i.e. 1 Unit = 10 mls] and infuse at 5 mls/hour.

4.Check capillary glucose every 2 hours except if glucose < 4.5 or > 12 mmol/L, in which case check glucose in 1 hour.

5.   Adjust insulin infusion each time glucose is checked according to the following algorithm in Section A:

If glucose <u>falls by more than 3 mmol/L between two consecutive readings</u> go to Section B, otherwise use Section A.

Section A   If Glucose is:
> $\leq$ 3.5 mmol/L Stop IV insulin infusion for one hour (repeat glucose in 1 hour)
> $\leq$ 3.6 - 4.5 mmol/L decrease IV insulin infusion by 5 ml/hour (repeat glucose in 1 hour)
> 4.6 - 6.0 mmol/L decrease IV insulin infusion by 3 mls/hour
> 6.1 - 9.0 mmol/L leave IV insulin infusion at the same infusion rate
> 9.1 - 12.0 mmol/L increase IV insulin infusion by 5 mls/hour
> 12.1 - 16 mmol/L increase IV insulin infusion by 10 mls/hour (repeat glucose in 1 hour)
> $\geq$ 16.1 mmol/L increase IV insulin infusion by 15 mls/hour, stop IV glucose for an hour
.   and repeat glucose in 1 hour

Section B
If glucose falls by greater than 3 mmol/L between two consecutive readings, and is now

> $\geq$ 8.1 mmol/L   <u>decrease</u> IV insulin infusion rate **to** 10 mls/hour.
> 5.0 - 8.0 - mmol/L   <u>decrease</u> IV insulin infusion rate **to** 5 mls/hour
> < 5.0 mmol/L   <u>Stop</u> IV insulin infusion for one hour and
>   (repeat glucose in 1 hour)

Anytime insulin infusion is stopped and glucose rises > 8.0 mmol/L, restart insulin at 5 ml/hour

6.   Restart subcutaneous insulin at doses provided on order sheet for Diabetes in Pregnancy (Type 1 diabetes) when soft diet tolerated.

Date: _____   Signed: _____