**Guidelines for the use of Control IQ Tandem T:Slim system during labour**

**If diabetes is stable, below 8 mmol/l and patient or partner able to manage pump continue with therapy**

**Before delivery**

* Ensure midwifery staff knows that a pump & sensor are being worn.
* If for LSCS inform surgeon, anaesthetist and theatre staff that a pump & sensor is being worn
* Ensure the CSII is situated the lower end rib level near the back
* Avoid potential LSCS site and the area to be cleansed when positioning infusion set.
* Ensure the pump has charged batteries, full reservoir/cartridge and new infusion set plus a spare set of each.

**During delivery**

* Target is 4 – 7 mmol/l during delivery
* CGM (Dexcom) glucose levels must be viewed and documented hourly by you
* Check capillary blood glucose (fingerstick) at least 4 hourly
* Continue in auto mode.
	+ If glucose is above 7 mmol/l, use ‘sleep mode’
	+ If glucose is less than 5.0 mmol/l, use ‘exercise mode’
* **If two consecutive readings are above 8 mmol/l, the midwives will insert venflon and use Variable Rate Intravenous Insulin Infusion (VRII). If this happens, disconnect the pump and suspend it.**
* **Once using intravenous insulin, you will require hourly finger stick measurements**

**Management of Hypoglycaemia**

If blood glucose < 3.5 mmol/l treat hypoglycaemia as you would usually.

**After delivery**

**Immediately**

* Stay in auto mode
* Change to the pre-programmed post-birth programme (this changes basal, carb ratio, correction factor, target, etc)

**Not so urgent, but as soon as possible**

* The aim is glucose 6 – 10 mmol/l & expect that glucose may go up to 15 mmol/l after meals
* Change the weight in ‘Control IQ’ to pre pregnancy weight
* Use ‘exercise mode’ if glucose below 6 mmol/l
* Monitor 2 hourly until stable, then revert to checking pre meals and bed.
* Change the alert settings on G6 app and pump: low threshold 4 mmol/l, high threshold 12-15 mmol/l (these can be individualised)
* Before you are discharged the diabetes team will review your diabetes.