

Figure S1. Flow diagram of patients



Figure S2.Day wise episodes of hyperglycemia (expressed as a percentage of the total readings for that day) and median time in blood glucose range (TIR) values from day 1 to day 7

## Method to calculate GLI (an example)

Presume that these are the blood sugar values for a patient X over a single day

8 am: 221 mg/dL

10 am: 180 mg/dL

1 pm: 160 mg/dL

3 pm: 240 mg/dL

4 pm: 200 mg/dL

6 pm: 150 mg/dL

9 pm 120 mg/dL

12 midninght: 110 mg/dL

2 am: 110 mg/dL

5 am: 100 mg/dL

Lability will be calculated like this:

 $[(221-180)^{2}/2] + [(180-160)^{2}/3] + [(240-160)^{2}/2] + [(240-200)^{2}/1] + [(200-150)^{2}/2] + [(150-120)^{2}/3] + [(120-110)^{2}/3] + 0 + [(110-100)^{2}/3] \div 9 = \text{lability for that day.}$ 

When this value is obtained taking all the BG values for the week we get the GLI for that patient.