Patient 4 Statistical Analysis Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) Left Arm Glucose (mg/dL) 300 250 250 200 200 150 150 100 2019.01.01 2018-11-15 2018-11-22 2018-11-15 2018-11-22 2018-12-08 -22 2018-12-01 12-08 12-15 12-22 2018-12-12 20 2018-12-01 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Left Arm Right Arm 0.5 0.5 0.0 0.0 -0.5-0.55 10 15 5 0 20 0 10 15 20 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 0.5 Right Arm 0.5 Left Arm 0.0 0.0 -0.5-0.5

P-values for: $L_{ADF} = 0.124$; $R_{ADF} = 0.036$;

0

5

10

Lag

15

20

20

5

10

Lag

15

0