Patient 4 Statistical Analysis Blood Glucose Mean over Time Blood Glucose Mean over Time Blood Glucose (mg/dL) 300 Blood Glucose (mg/dL) 250 250 200 200 150 150 100 2018-11-15 2019-01-01 2018-11-15 2019-01-08 2018-11-22 2018-12-08 2018-12-01 .22 2018-12-01 2018-12-08-12-15-12-22 Time (Day) Time (Day) Autocorrelation Partial Autocorrelation 1.0 1.0 0.5 Left Arm 0.5 Left Arm 0.0 0.0 -0.5-0.55 10 15 20 0 5 15 20 0 10 Lag Lag Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm 0.5 Right Arm 0.5 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