FIG. 1A

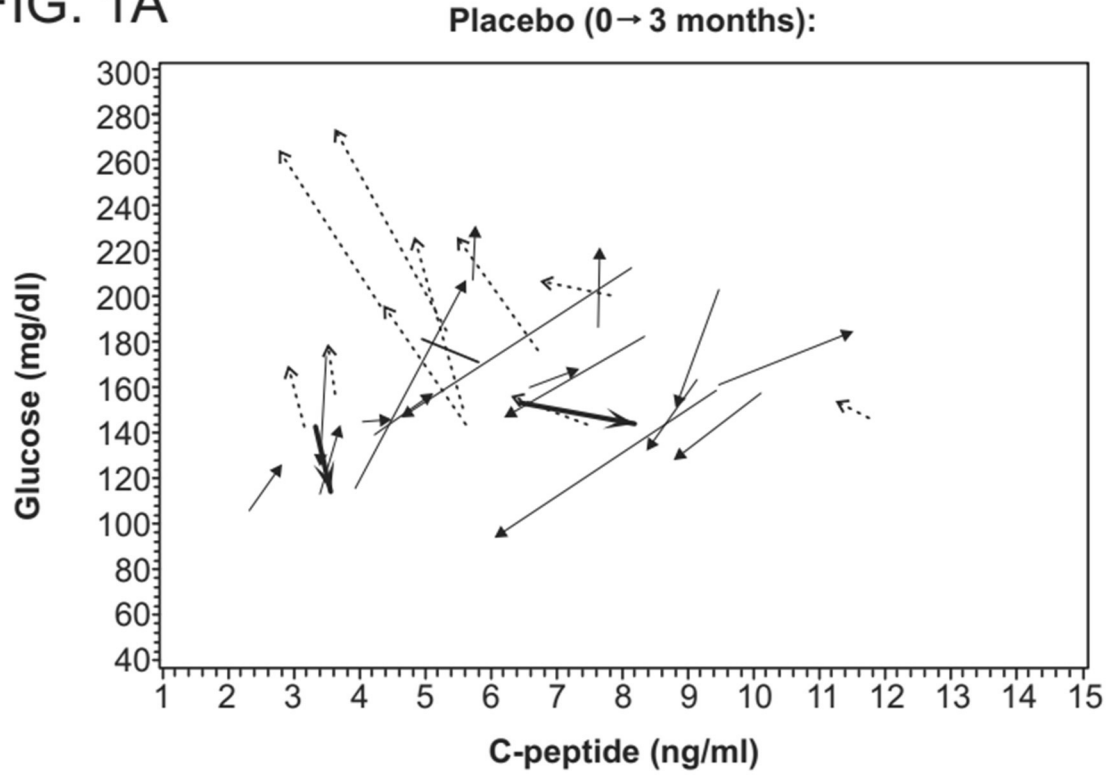

Placebo (0→3 months):
Glucose (mg/dl)
300
280
260
240
220
200
180
160
140
120
100
80
60
40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
C-peptide (ng/ml)

FIG. 1B

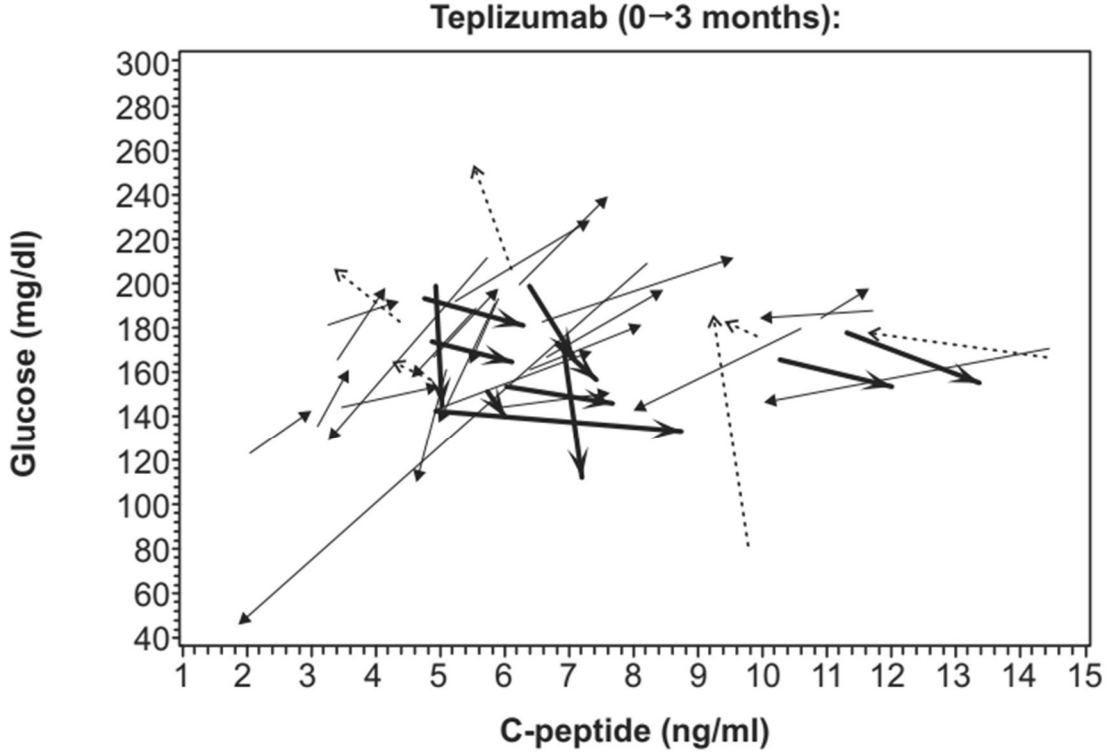

Teplizumab (0→3 months):
Glucose (mg/dl)
300
280
260
240
220
200
180
160
140
120
100
80
60
40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
C-peptide (ng/ml)

FIG. 1C

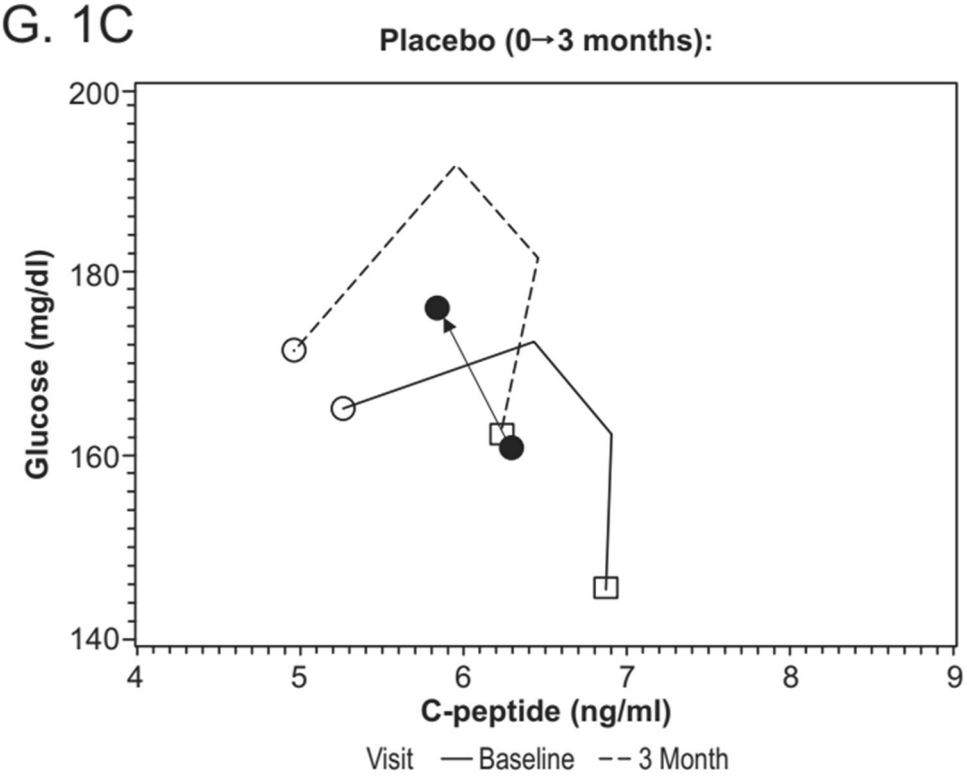

Placebo (0→3 months):
200
180
160
140
Glucose (mg/dl)
4
5
6
7
8
9
C-peptide (ng/ml)
Visit — Baseline -- 3 Month

FIG. 1D

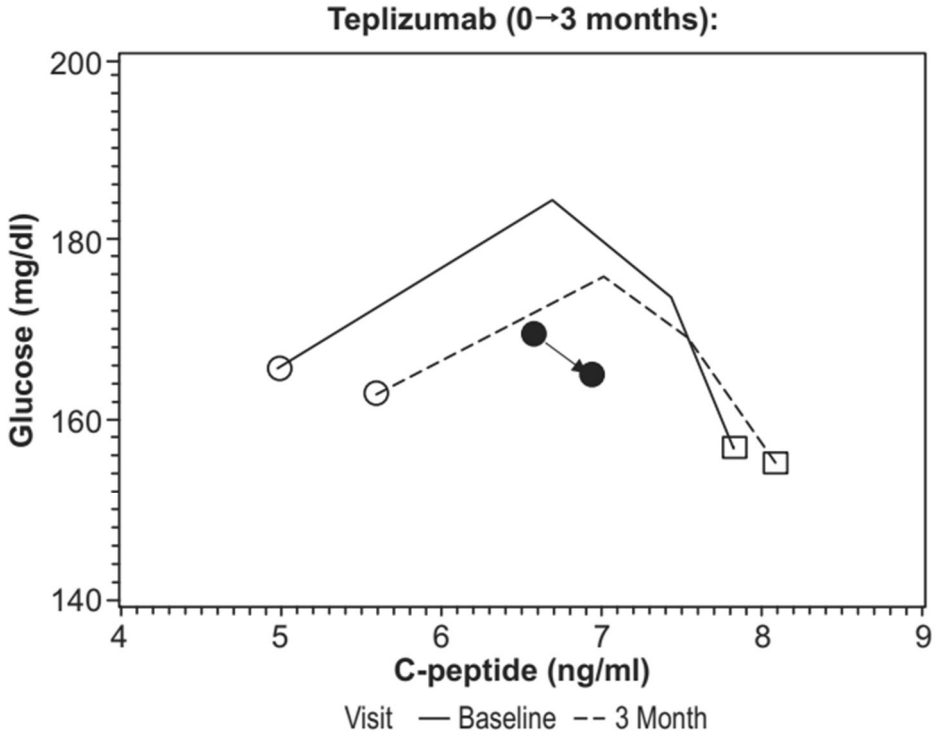

Teplizumab (0→3 months):
200
180
160
140
Glucose (mg/dl)
4
5
6
7
8
9
C-peptide (ng/ml)
Visit — Baseline -- 3 Month

FIG. 1E

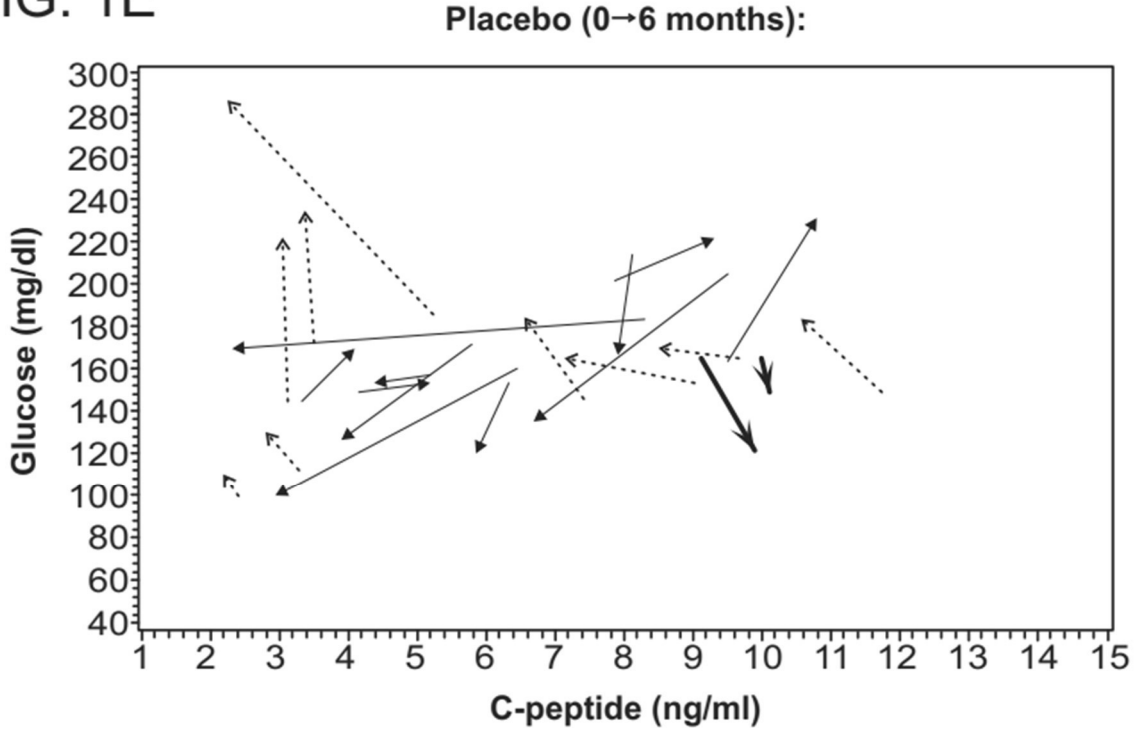

Placebo (0→6 months):
Glucose (mg/dl)
300
280
260
240
220
200
180
160
140
120
100
80
60
40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
C-peptide (ng/ml)

FIG. 1F

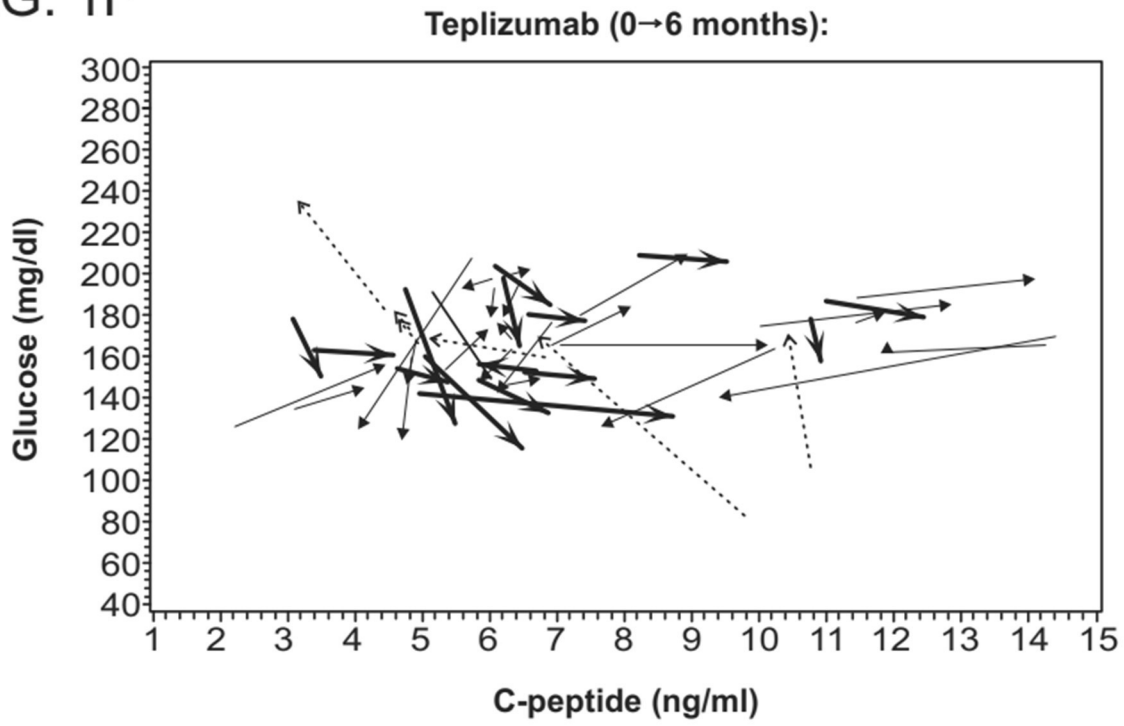

Teplizumab (0→6 months):
Glucose (mg/dl)
300
280
260
240
220
200
180
160
140
120
100
80
60
40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
C-peptide (ng/ml)

FIG. 1G

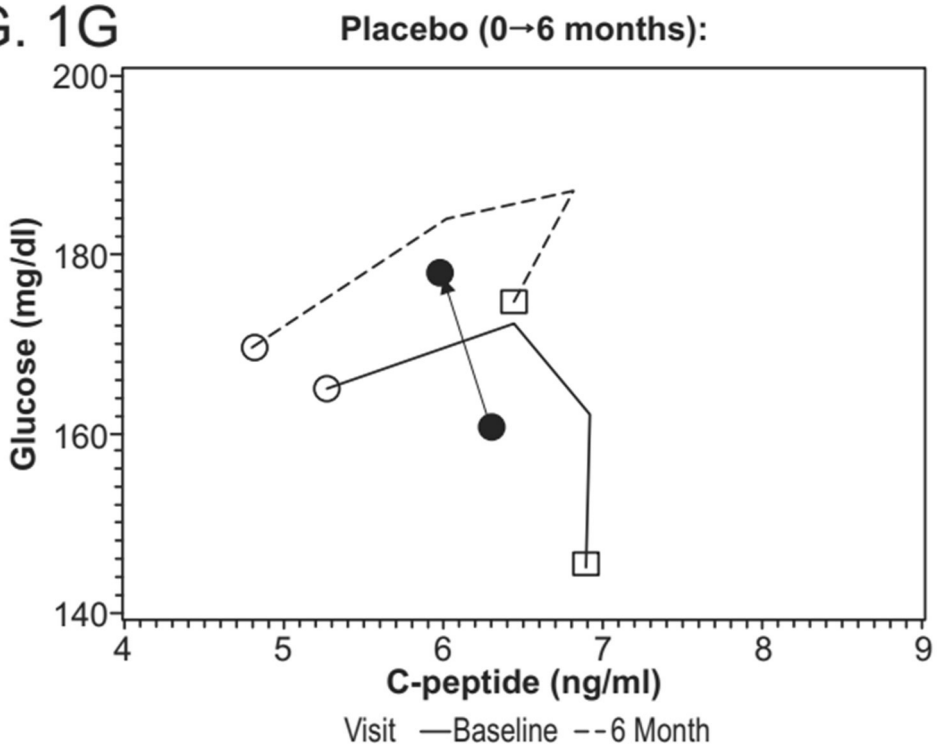
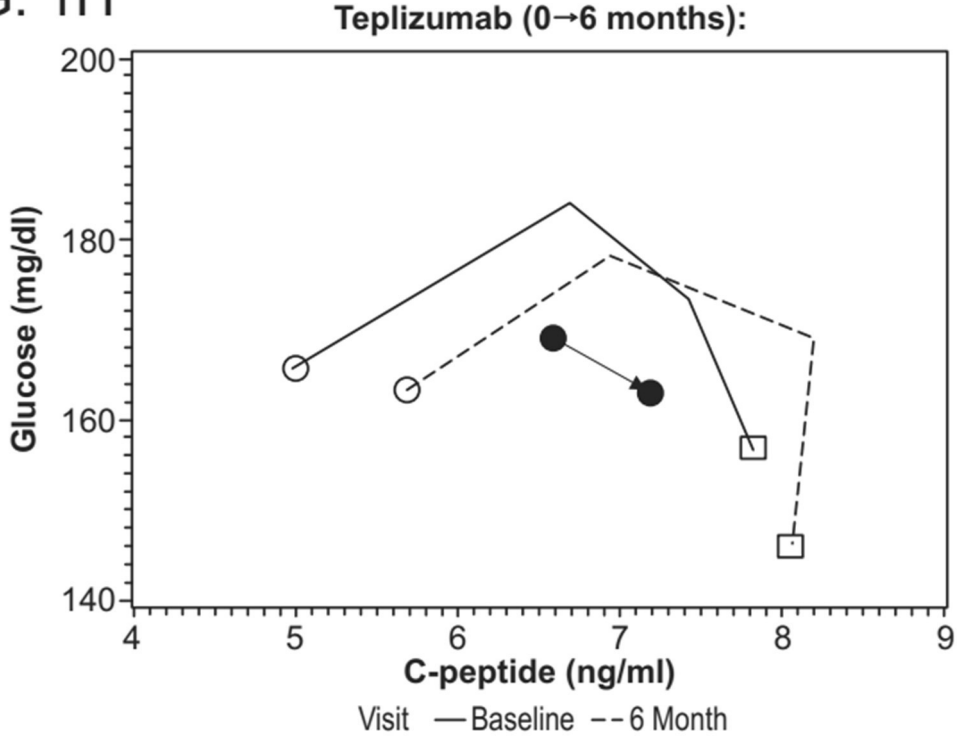

Placebo (0→6 months):
200
180
160
140
Glucose (mg/dl)
4
5
6
7
8
9
C-peptide (ng/ml)
Visit —Baseline - - 6 Month

FIG. 1H


Teplizumab (0→6 months):
200
180
160
140
Glucose (mg/dl)
4
5
6
7
8
9
C-peptide (ng/ml)
Visit —Baseline - - 6 Month

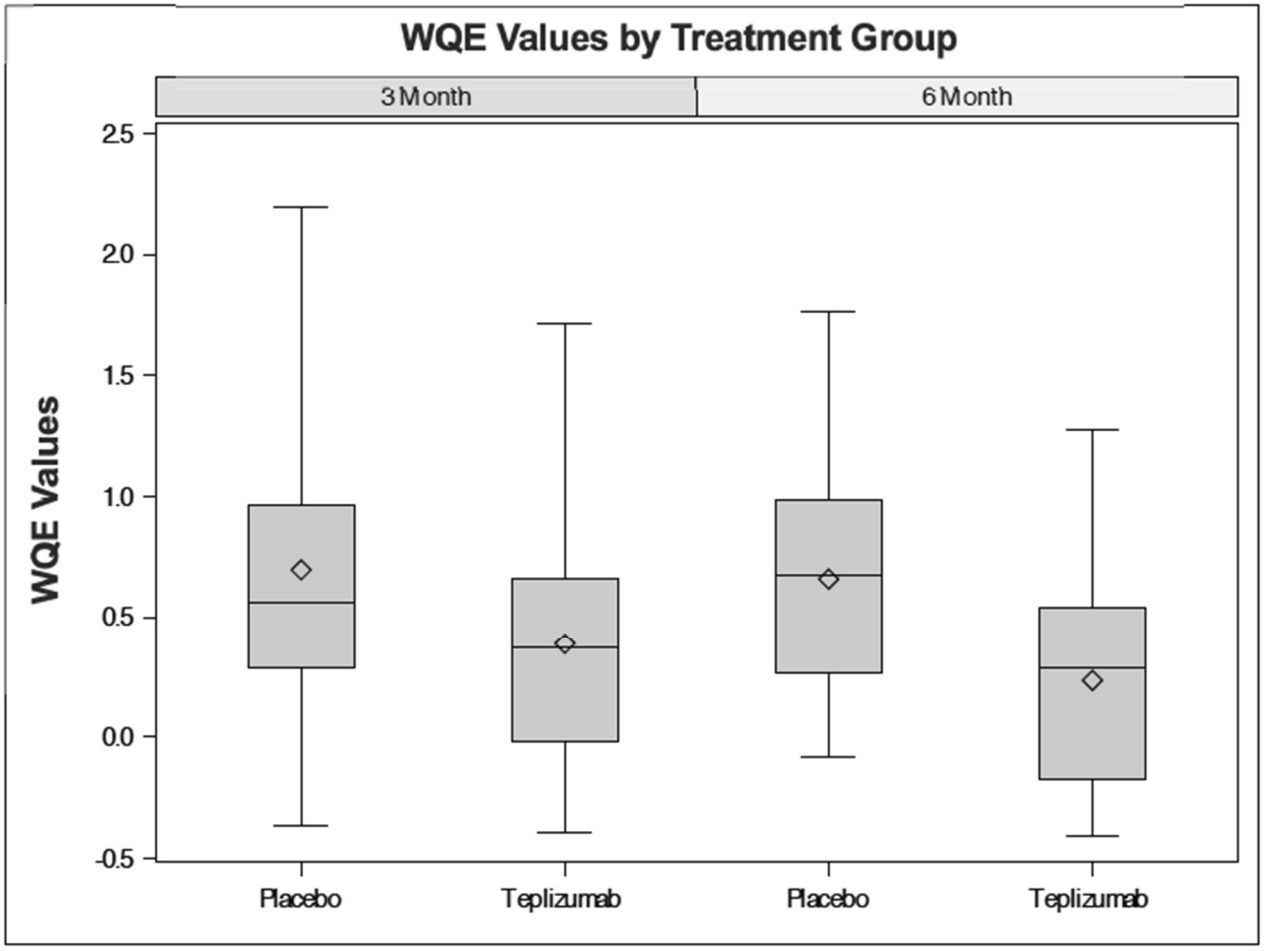

WQE Values by Treatment Group
3 Month
6 Month
WQE Values
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
Placebo
Teplizumab
Placebo
Teplizumab

FIGURE 2A

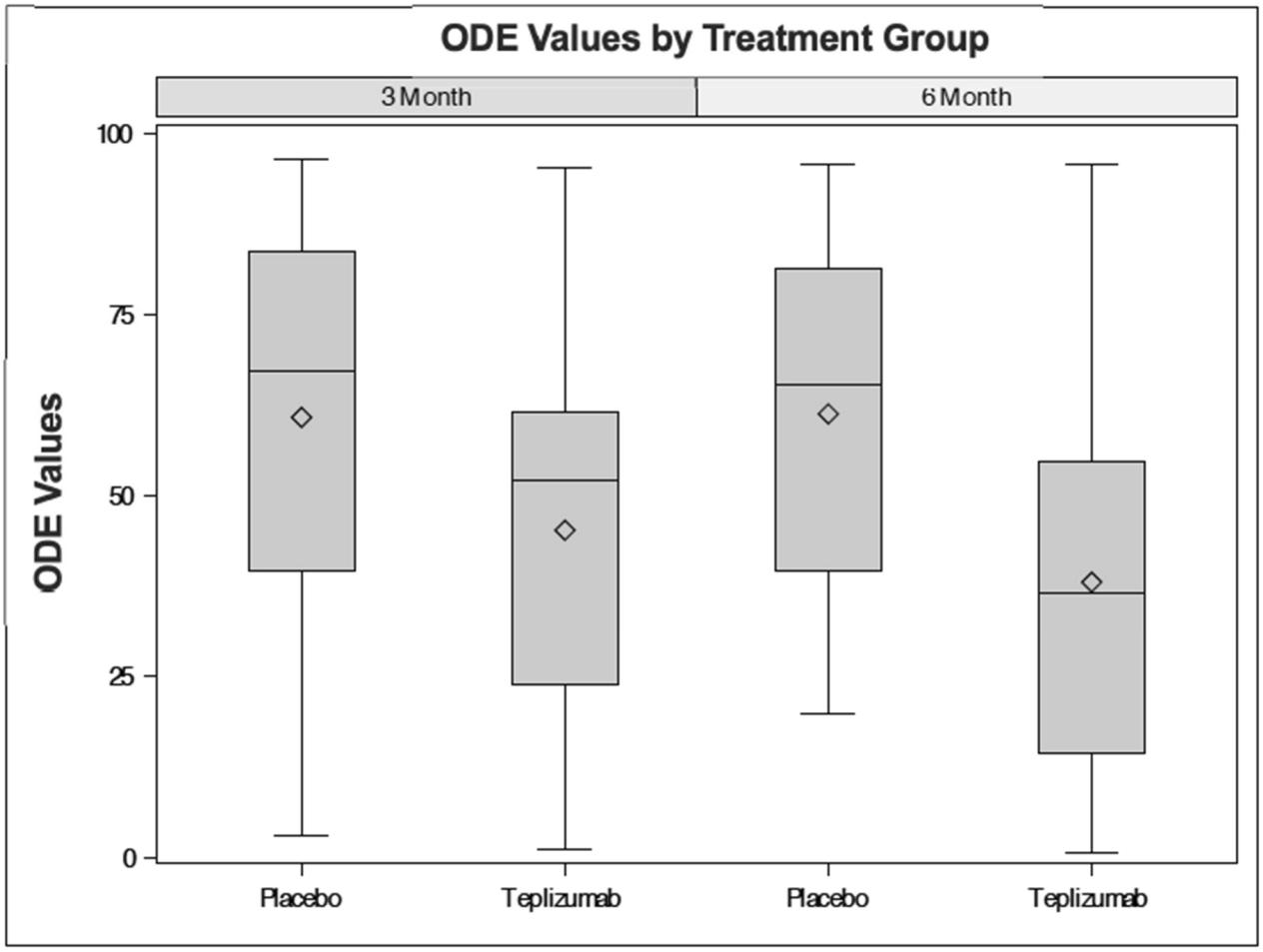

ODE Values by Treatment Group
3 Month
6 Month
ODE Values
100
75
50
25
0
Placebo
Teplizumab
Placebo
Teplizumab

FIGURE 2B

FIGURE 3A

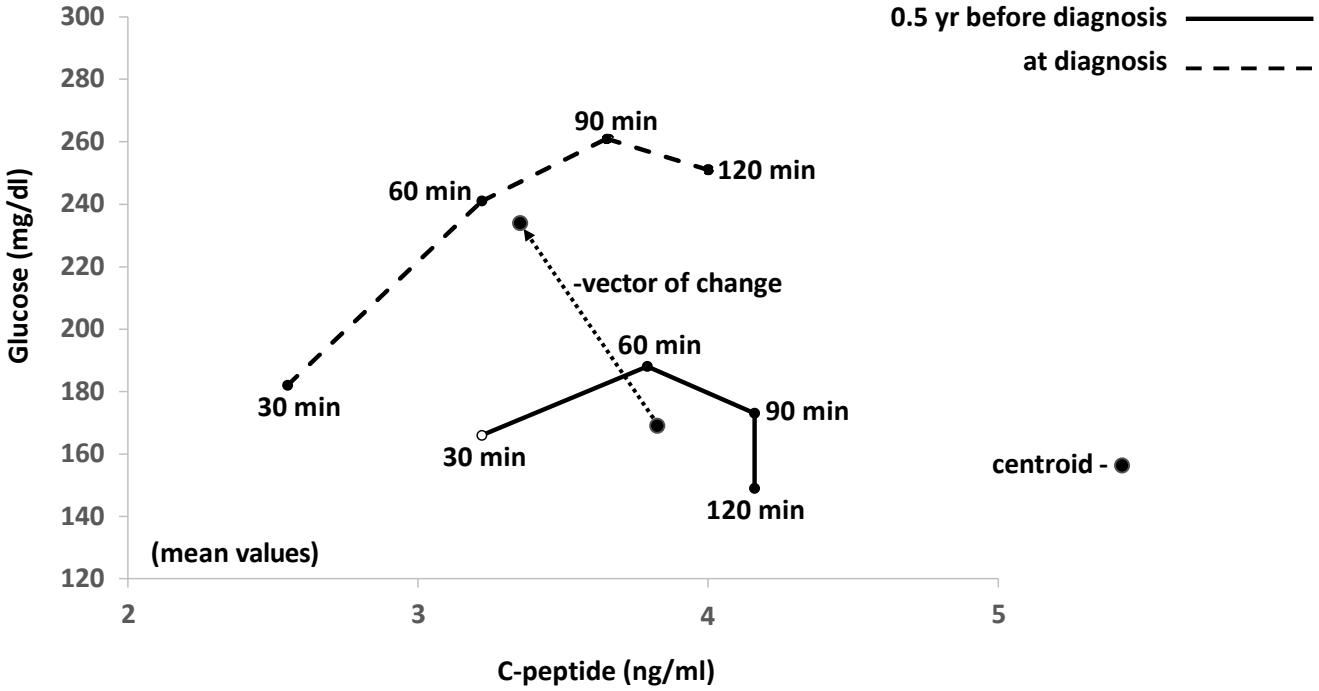

0.5 yr before diagnosis
at diagnosis
centroid -
Glucose (mg/dl)
C-peptide (ng/ml)
(mean values)
300
280
260
240
220
200
180
160
140
120
2
3
4
5
90 min
120 min
60 min
-vector of change
60 min
30 min
90 min
30 min
120 min

FIGURE 3B

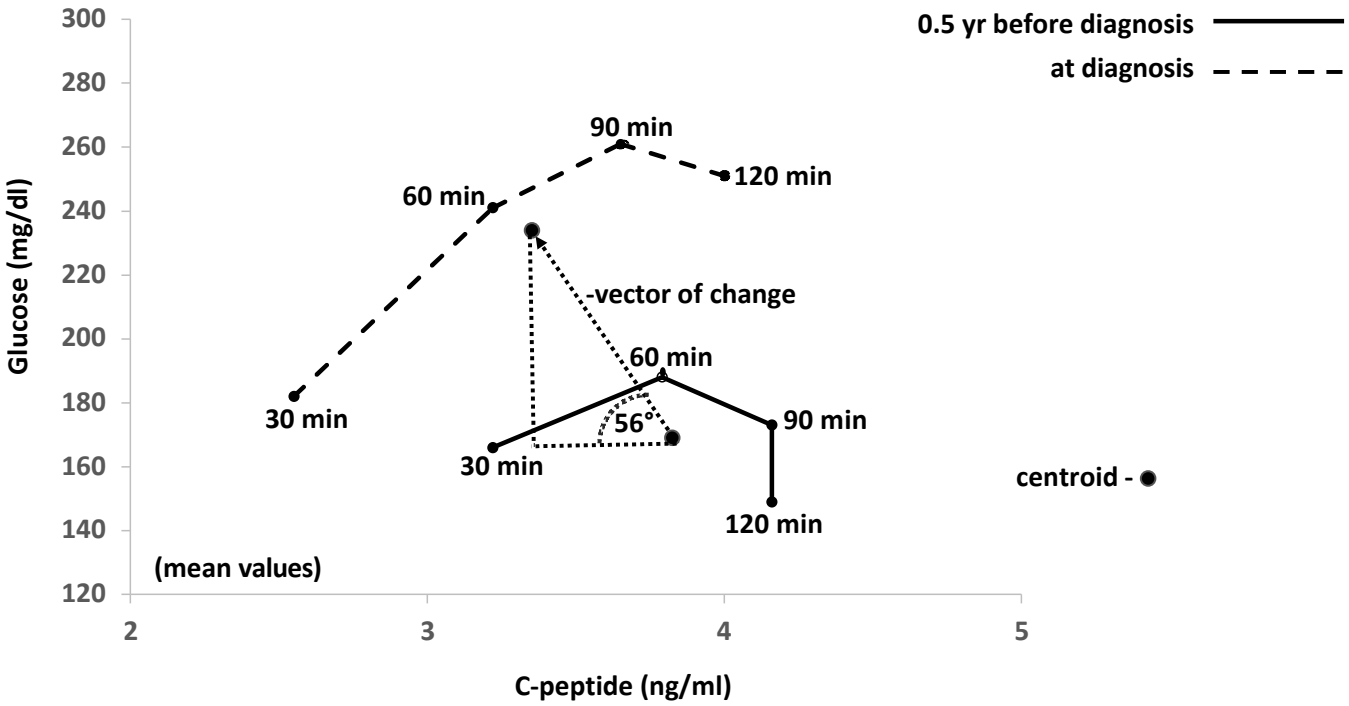

0.5 yr before diagnosis
at diagnosis
centroid -
Glucose (mg/dl)
C-peptide (ng/ml)
(mean values)
300
280
260
240
220
200
180
160
140
120
2
3
4
5
90 min
120 min
60 min
30 min
vector of change
60 min
90 min
30 min
120 min
56°

FIGURE 3C

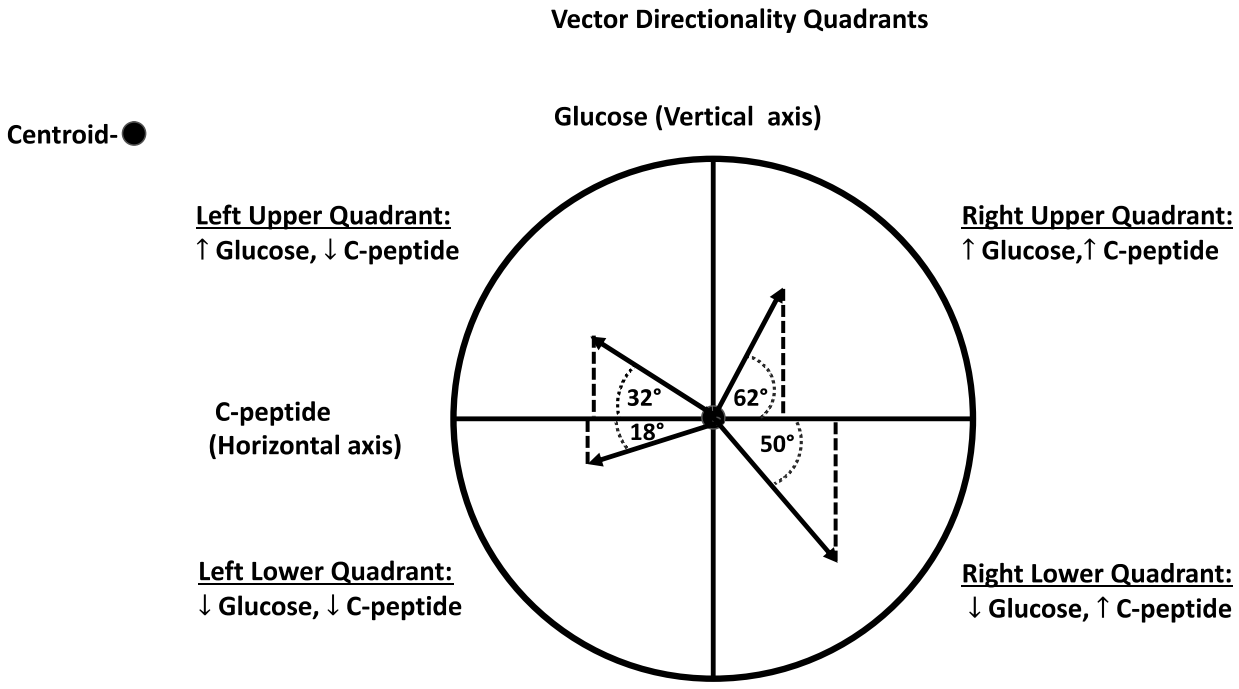
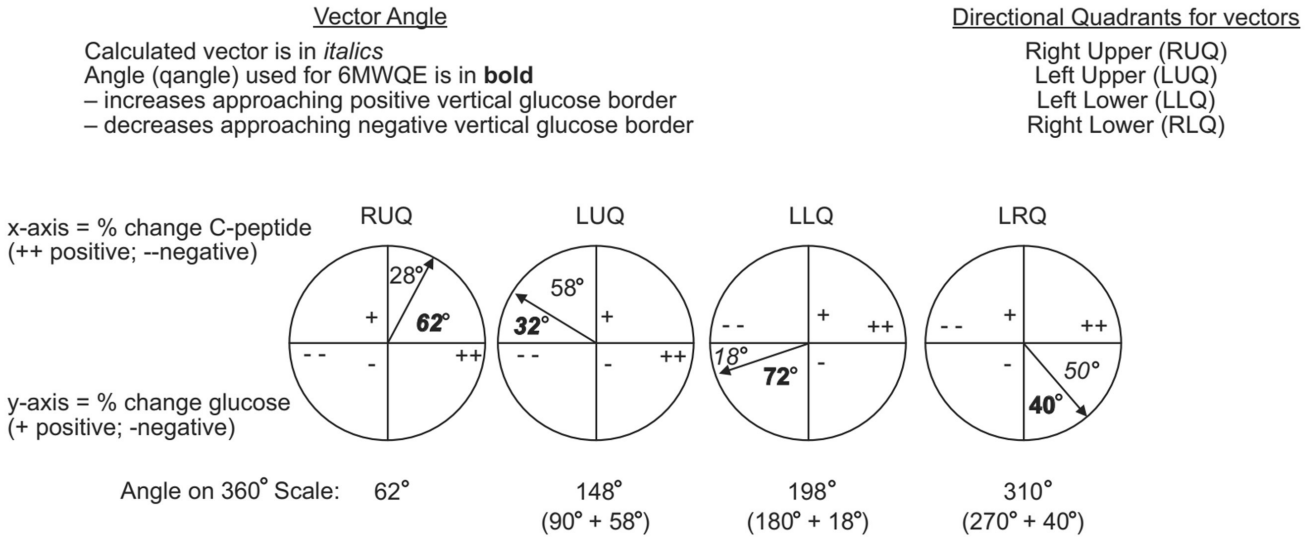

Vector Directionality Quadrants
Centroid-
Glucose (Vertical axis)
Left Upper Quadrant:
↑ Glucose, ↓ C-peptide
Right Upper Quadrant:
↑ Glucose,↑ C-peptide
C-peptide
(Horizontal axis)
32°
18°
62°
50°
Left Lower Quadrant:
↓ Glucose, ↓ C-peptide
Right Lower Quadrant:
↓ Glucose, ↑ C-peptide

FIGURE 4


Vector Angle
Calculated vector is in *italics*
Angle (qangle) used for 6MWQE is in **bold**
– increases approaching positive vertical glucose border
– decreases approaching negative vertical glucose border
Directional Quadrants for vectors
Right Upper (RUQ)
Left Upper (LUQ)
Left Lower (LLQ)
Right Lower (RLQ)
x-axis = % change C-peptide
(++ positive; --negative)
y-axis = % change glucose
(+ positive; -negative)
RUQ
LUQ
LLQ
LRQ
28°
62°
58°
32°
18°
72°
50°
40°
Angle on 360° Scale:
62°
148°
(90° + 58°)
198°
(180° + 18°)
310°
(270° + 40°)