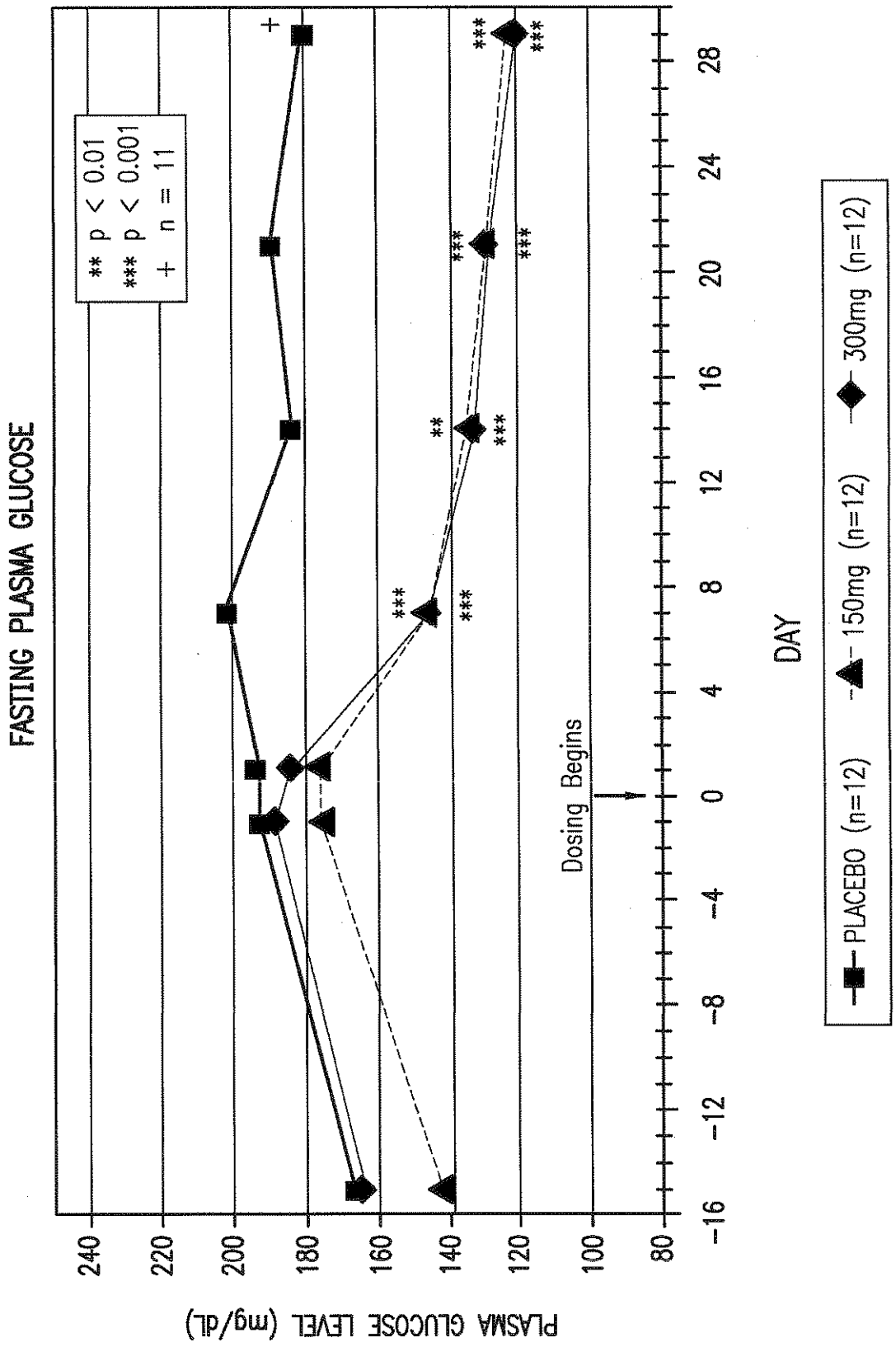

FASTING PLASMA GLUCOSE
** p < 0.01
*** p < 0.001
+ n = 11
PLASMA GLUCOSE LEVEL (mg/dL)
240
220
200
180
160
140
120
100
80
-16
-12
-8
-4
0
4
8
12
16
20
24
28
DAY
Dosing Begins
PLACEBO (n=12)
150mg (n=12)
300mg (n=12)

FIG. 1

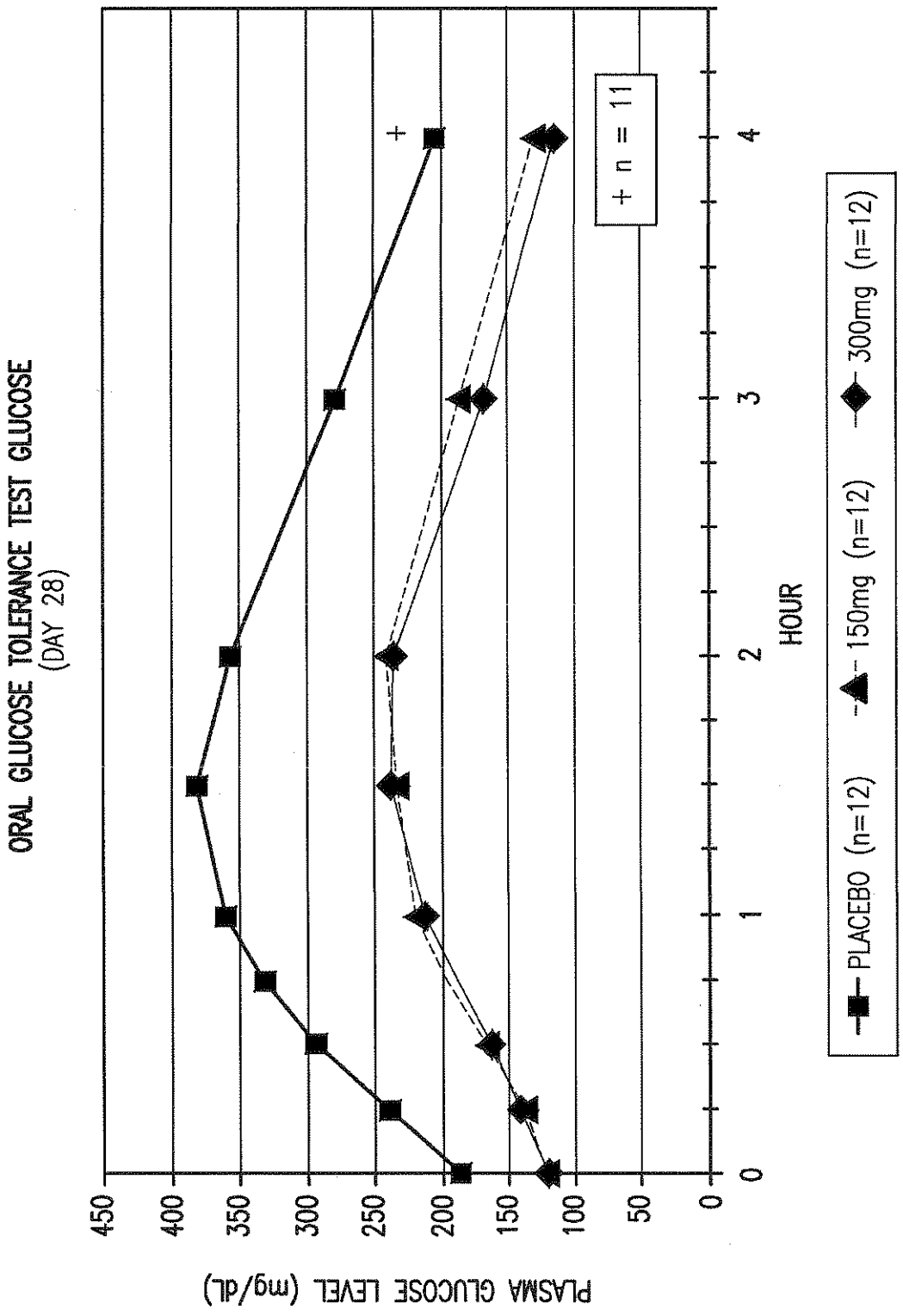

ORAL GLUCOSE TOLERANCE TEST GLUCOSE
(DAY 28)
PLASMA GLUCOSE LEVEL (mg/dL)
450
400
350
300
250
200
150
100
50
0
0
1
2
3
4
HOUR
+ n = 11
PLACEBO (n=12)
150mg (n=12)
300mg (n=12)

FIG. 2

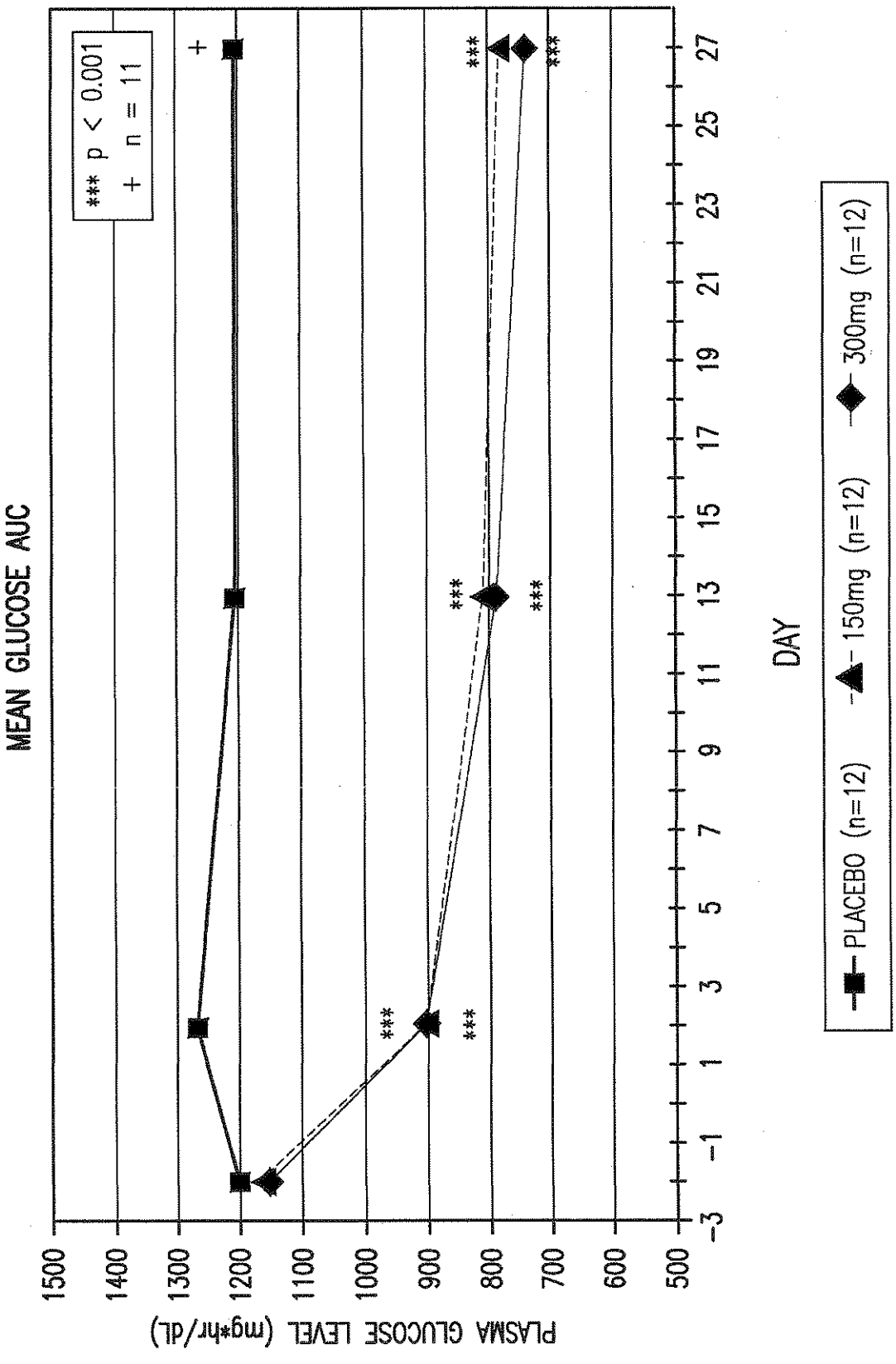

MEAN GLUCOSE AUC
*** p < 0.001
+ n = 11
PLASMA GLUCOSE LEVEL (mg*hr/dL)
1500
1400
1300
1200
1100
1000
900
800
700
600
500
-3
-1
1
3
5
7
9
11
13
15
17
19
21
23
25
27
DAY
PLACEBO (n=12)
150mg (n=12)
300mg (n=12)

FIG. 3

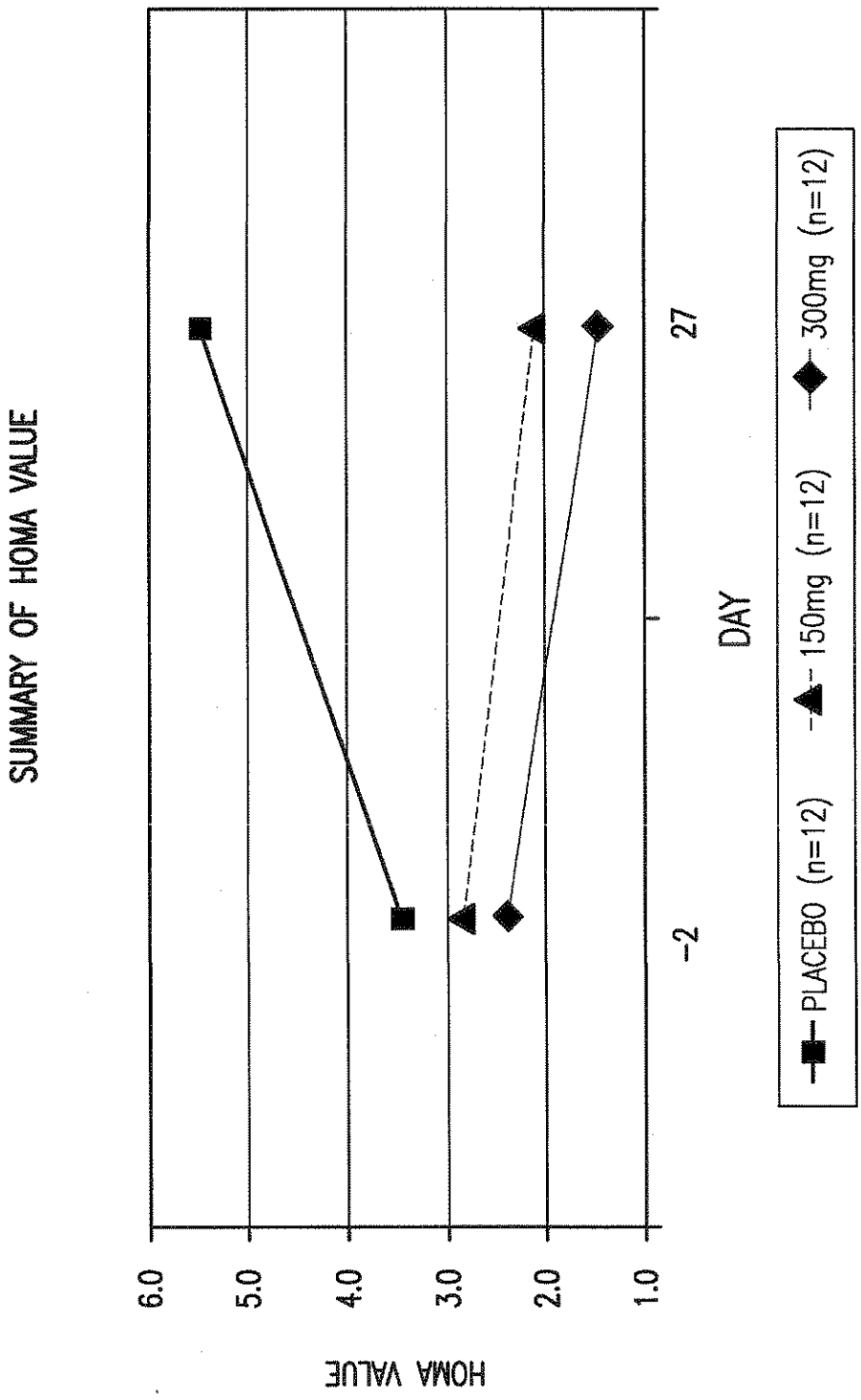

SUMMARY OF HOMA VALUE
HOMA VALUE
6.0
5.0
4.0
3.0
2.0
1.0
-2
27
DAY
PLACEBO (n=12)
150mg (n=12)
300mg (n=12)

FIG. 4

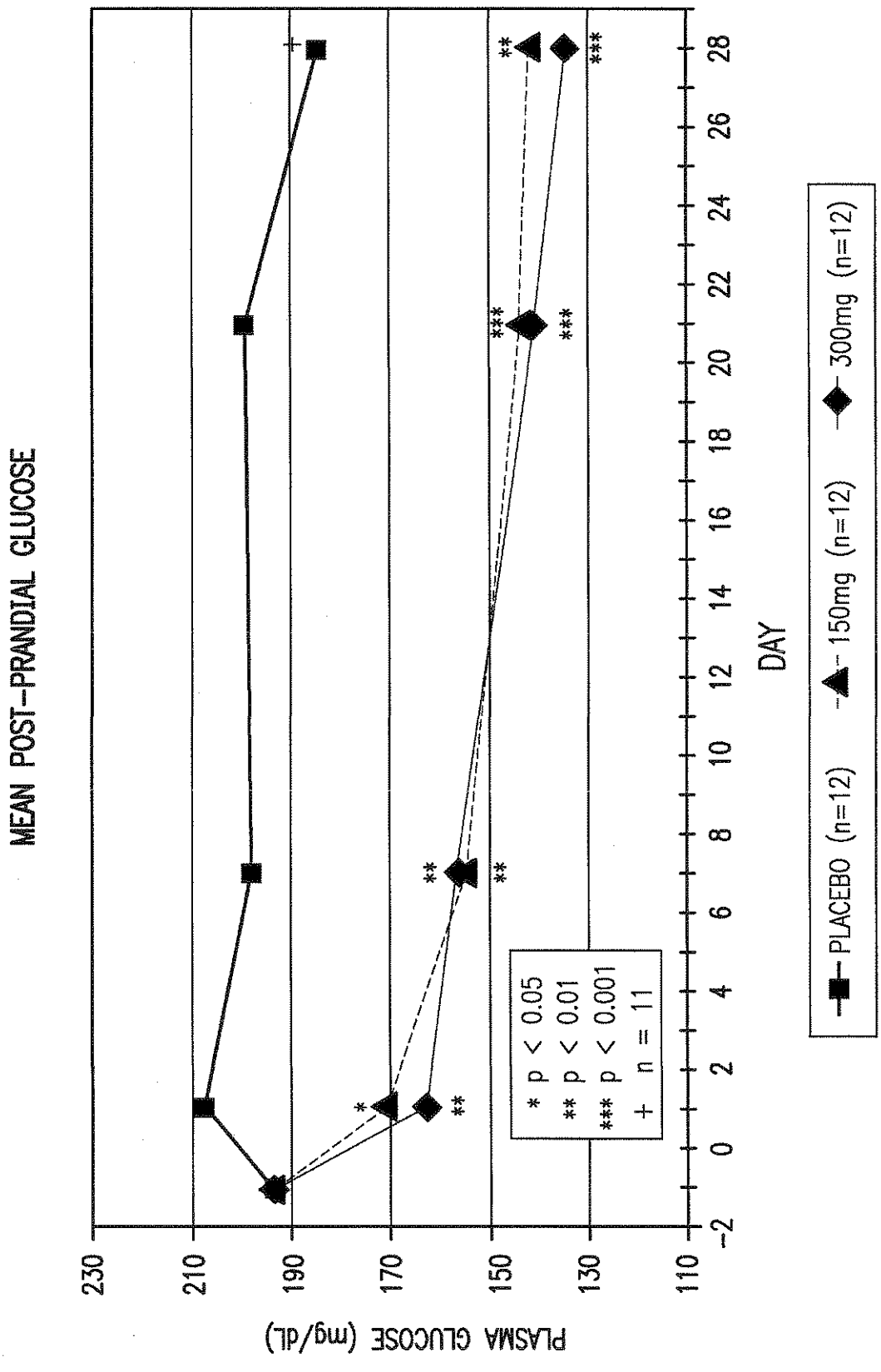

MEAN POST-PRANDIAL GLUCOSE
PLASMA GLUCOSE (mg/dL)
DAY
230
210
190
170
150
130
110
-2
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
* p < 0.05
** p < 0.01
*** p < 0.001
+ n = 11
PLACEBO (n=12)
150mg (n=12)
300mg (n=12)

FIG. 5

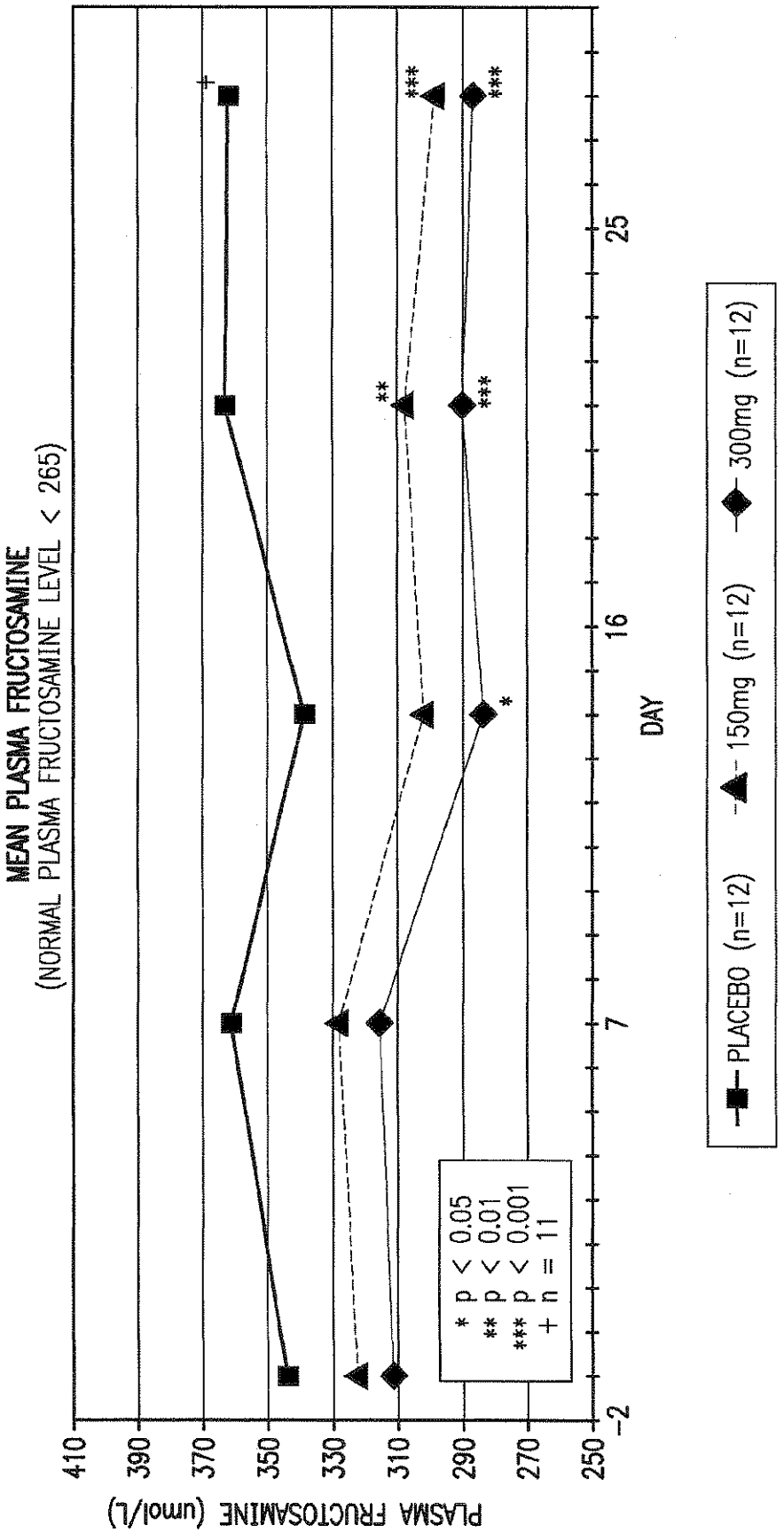

MEAN PLASMA FRUCTOSAMINE
(NORMAL PLASMA FRUCTOSAMINE LEVEL < 265)
PLASMA FRUCTOSAMINE (umol/L)
410
390
370
350
330
310
290
270
250
-2
7
16
25
DAY
* p < 0.05
** p < 0.01
*** p < 0.001
+ n = 11
PLACEBO (n=12)
150mg (n=12)
300mg (n=12)

FIG. 6

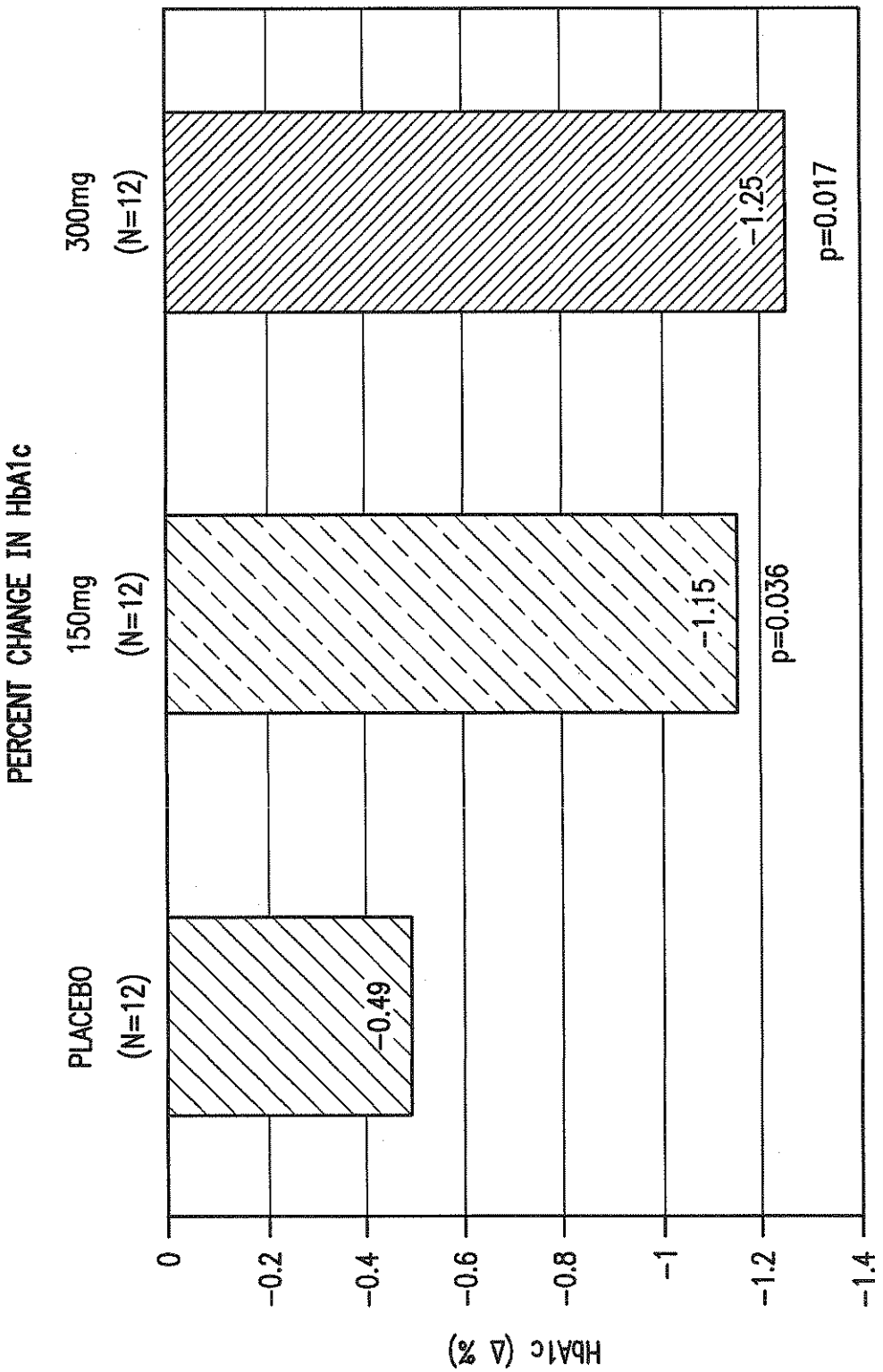

PERCENT CHANGE IN HbA1c
PLACEBO
(N=12)
150mg
(N=12)
300mg
(N=12)
-0.49
-1.15
-1.25
p=0.036
p=0.017
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
HbA1c (Δ %)

FIG. 7

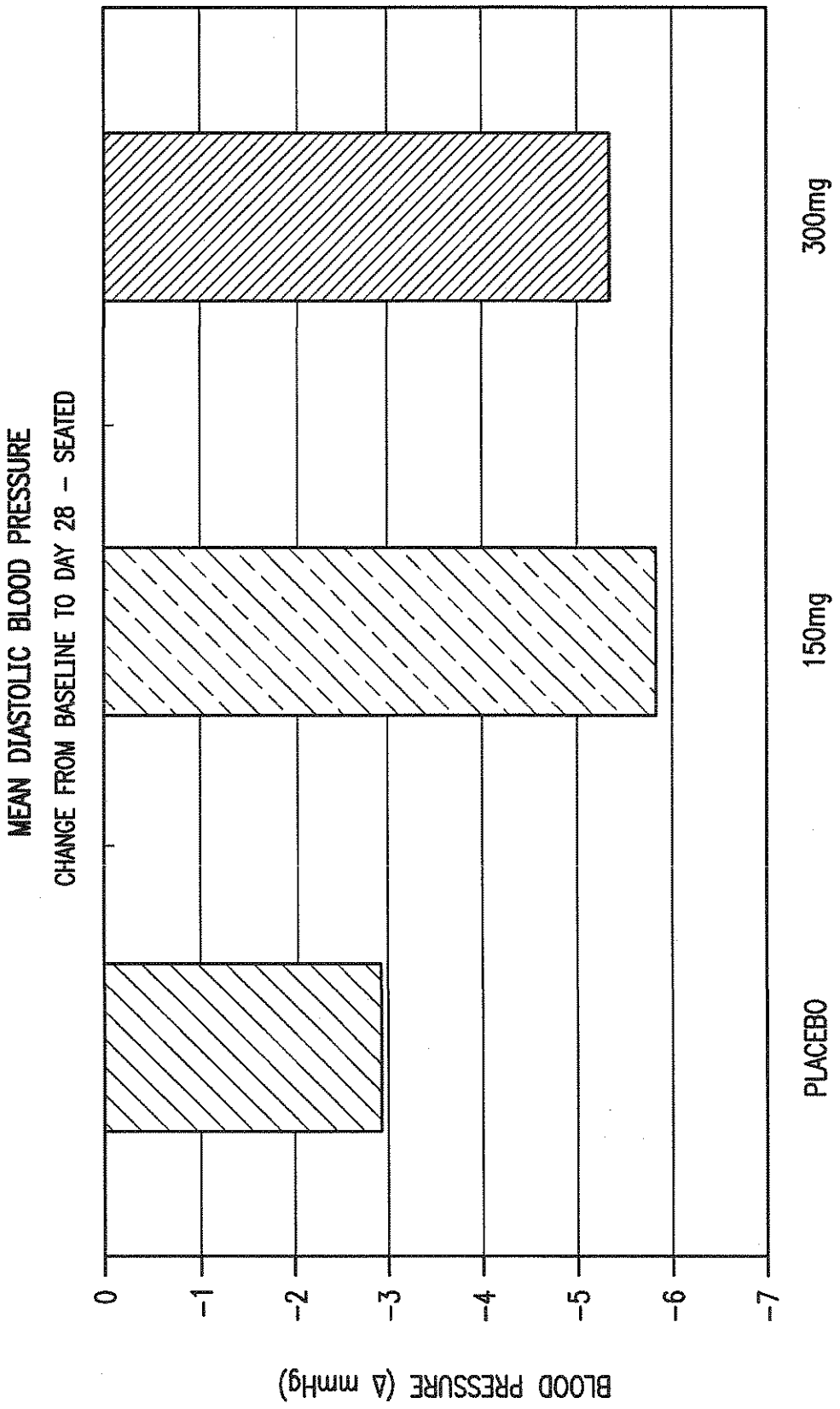

MEAN DIASTOLIC BLOOD PRESSURE
CHANGE FROM BASELINE TO DAY 28 – SEATED
BLOOD PRESSURE (Δ mmHg)
0
-1
-2
-3
-4
-5
-6
-7
PLACEBO
150mg
300mg

FIG. 8

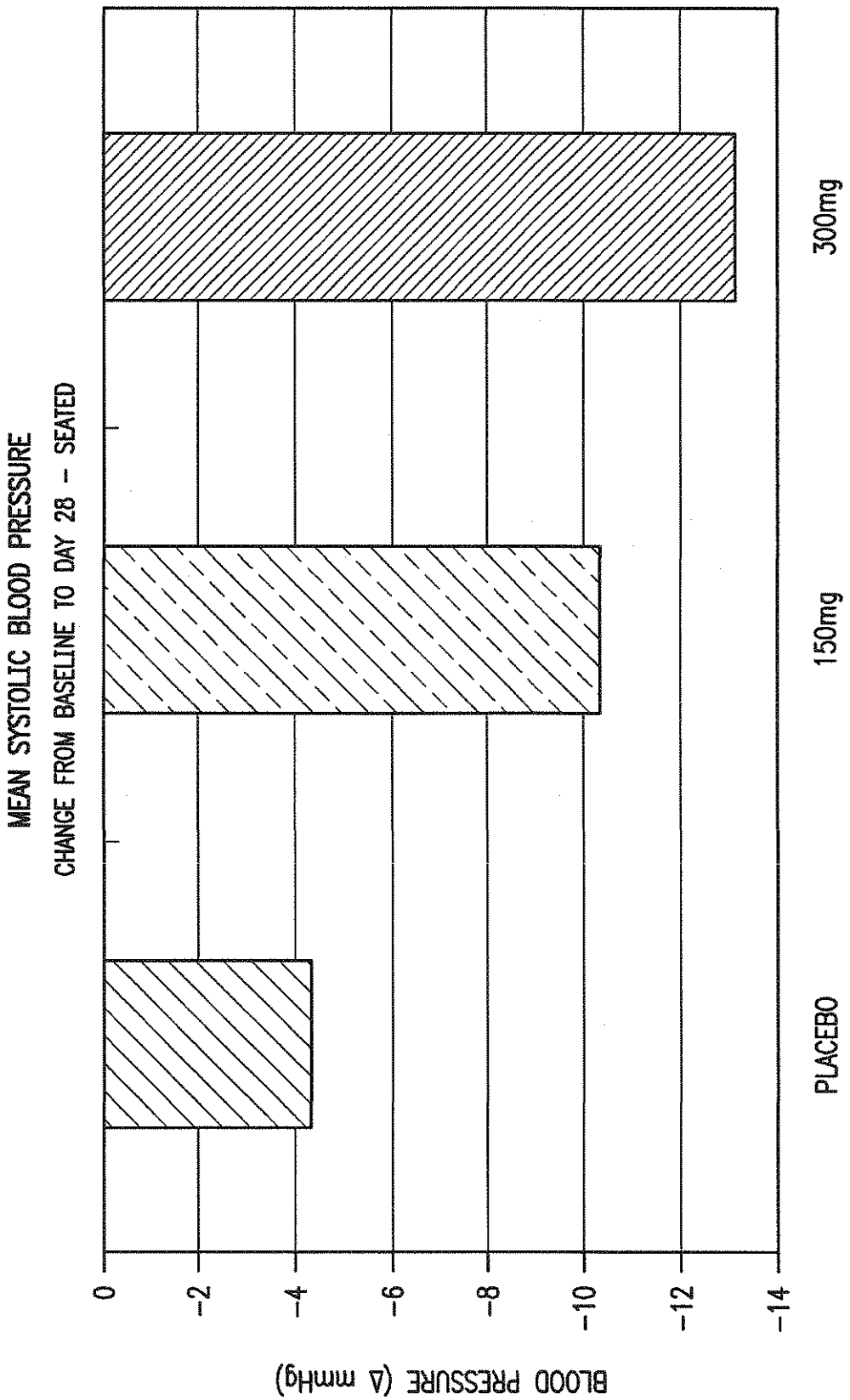

MEAN SYSTOLIC BLOOD PRESSURE
CHANGE FROM BASELINE TO DAY 28 - SEATED
BLOOD PRESSURE (Δ mmHg)
0
-2
-4
-6
-8
-10
-12
-14
PLACEBO
150mg
300mg

FIG. 9

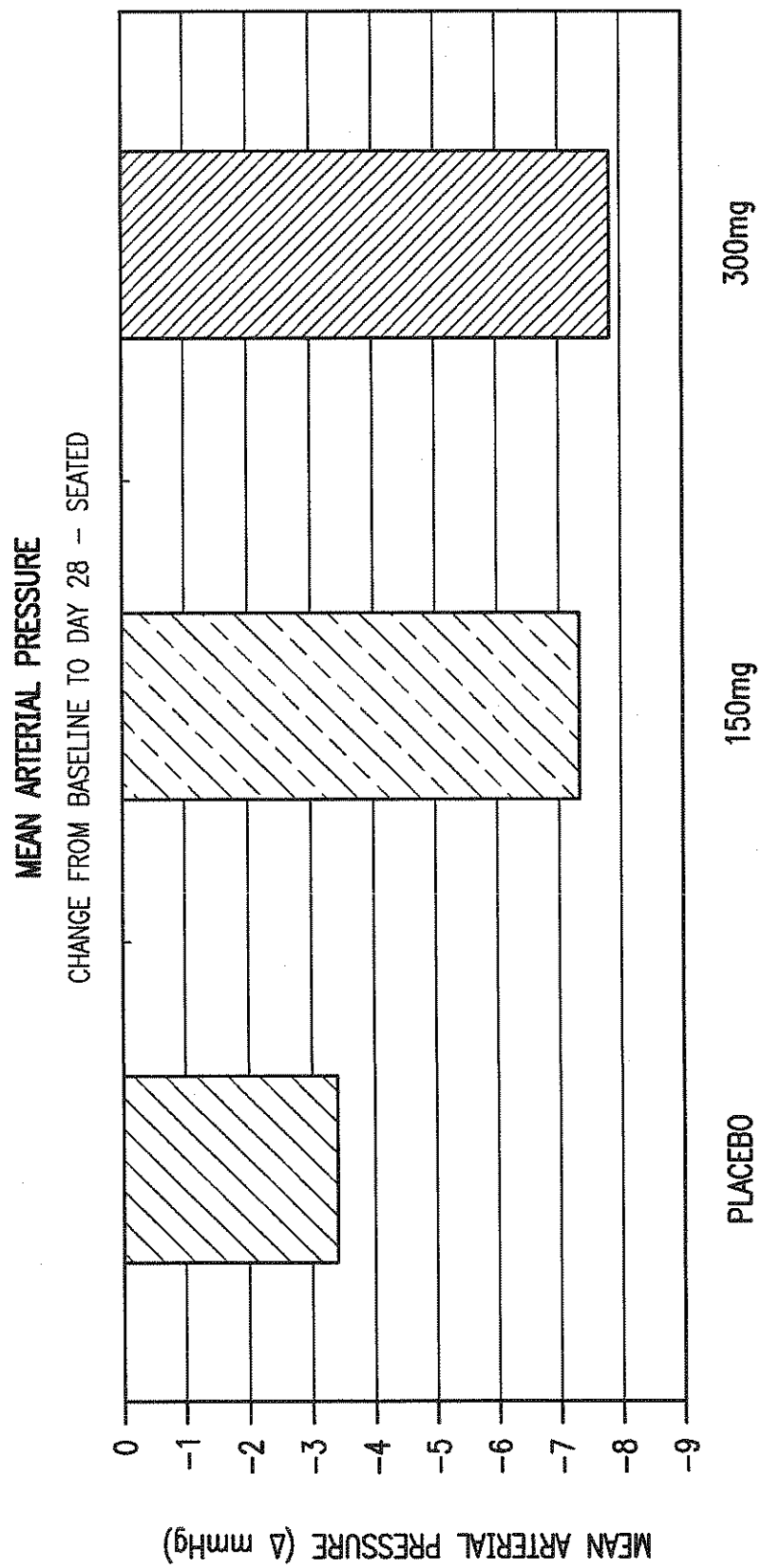

MEAN ARTERIAL PRESSURE
CHANGE FROM BASELINE TO DAY 28 – SEATED
MEAN ARTERIAL PRESSURE (Δ mmHg)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
PLACEBO
150mg
300mg

FIG. 10

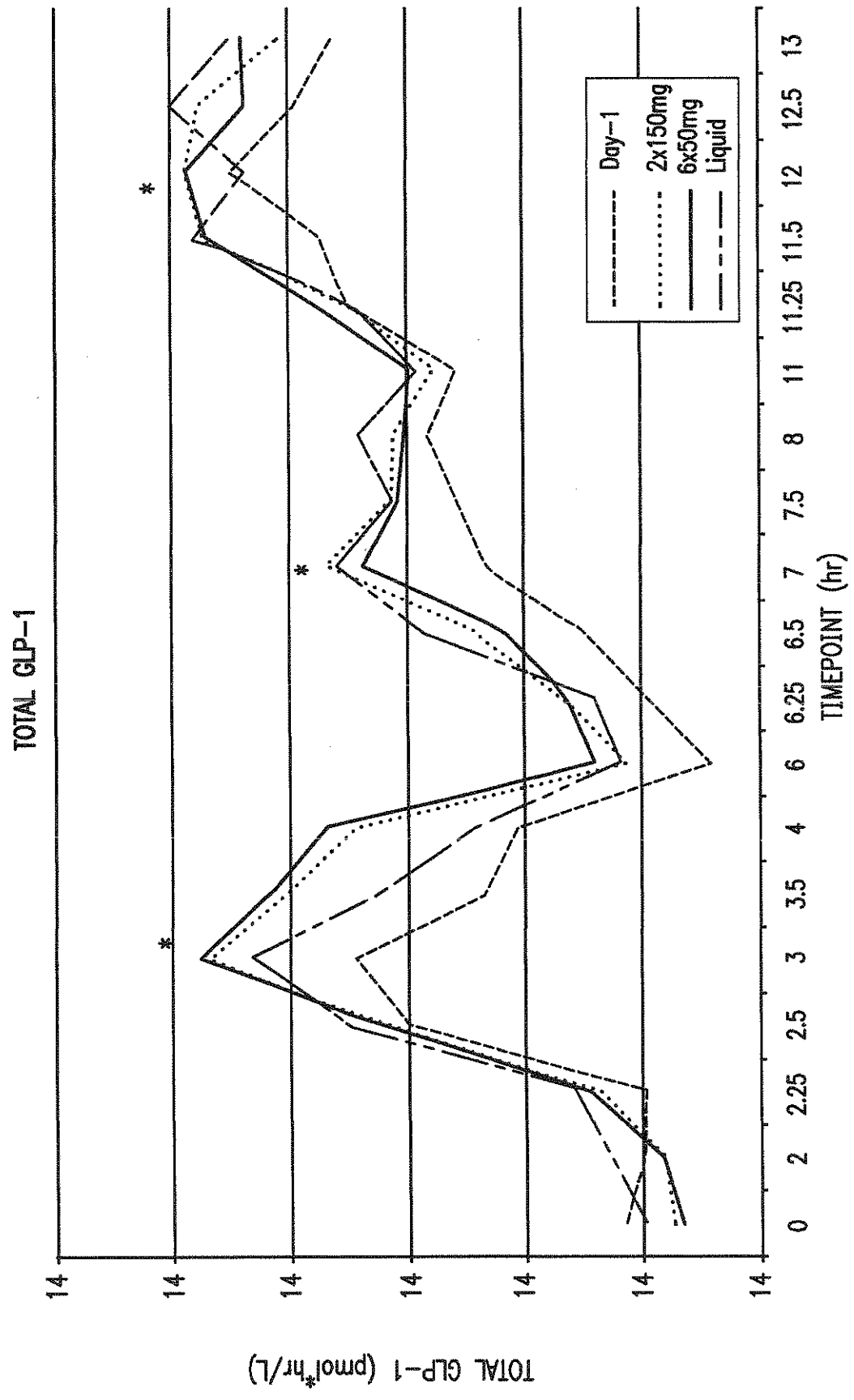

TOTAL GLP-1
TOTAL GLP-1 (pmol*hr/L)
14
14
14
14
14
14
14
0
2
2.25
2.5
3
3.5
4
6
6.25
6.5
7
7.5
8
11
11.25
11.5
12
12.5
13
TIMEPOINT (hr)
Day-1
2x150mg
6x50mg
Liquid
*
*
*

FIG. 11