



***Patient Friendly***  
*No Coding*  
***Prodigy AutoCode<sup>®</sup>***  
*Speaking Meter*

# Clinical Performance

## Meters Evaluated:



Prodigy  
AutoCode®



Abbott  
Precision Xtra®



Bayer  
Contour®



LifeScan OneTouch Ultra®  
(Johnson & Johnson)



Accu-Chek®  
Compact Plus (Roche)

## Statistical Results of Clinical Study

Table 3: Statistical parameters of the analysis

BRAND	Int I Glucose CV(Dif)	Int II Glucose CV(Dif)	Int III Glucose CV(Dif)	Int IV Glucose CV(Dif)	Int V Glucose CV(Dif)	CV AVER	FDA Success out of 500	ADA Success out of 500	SLOPE Y	INTER	R <sup>2</sup>	COR
<b>PRODIGY®</b>	<b>5.2(0.7)</b>	<b>2.9(-3.3)</b>	<b>2.7(-6.4)</b>	<b>3.0(-0.3)</b>	<b>2.6(9.8)</b>	<b>3.28</b>	<b>500</b>	<b>307</b>	<b>1.04</b>	<b>-5.07</b>	<b>0.95</b>	<b>0.99</b>
ABBOTT	6.9(-8.3)	3.8(0.7)	4.2(8.5)	3.8(7.8)	5.4(0.3)	3.41	500	228	1.02	-1.83	0.99	0.99
BAYER	3.5(6.5)	3.3(6.9)	3.1(9.7)	3.4(17.3)	3.9(35.8)	3.41	483	139	1.12	-2.92	0.99	0.99
JOHNSON & JOHNSON	5.1(-17.4)	3.9(-14.2)	3.1(6.0)	2.2(9.2)	1.4(29.5)	3.15	397	134	1.16	26.371	0.99	0.99
ROCHE	4(1.1)	2.4(7.6)	2.2(20.8)	2.3(21.2)	2.3(54.6)	2.6	486	67	1.18	4.13	0.99	0.99

Table 1: Glucose Concentration intervals (mg/dL)

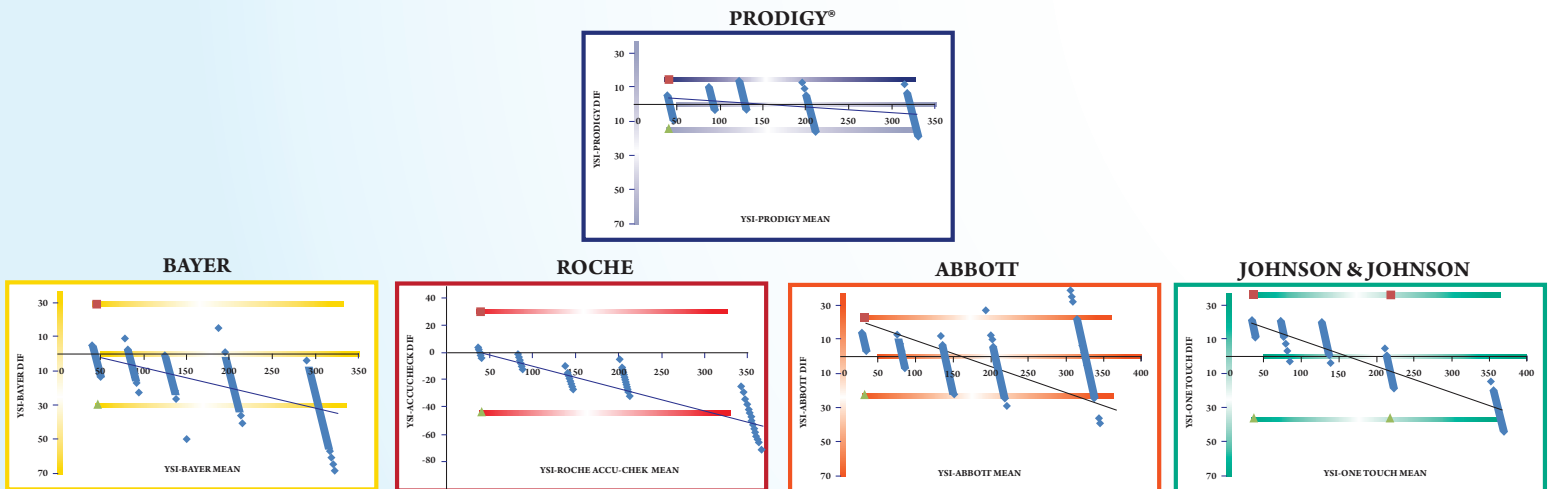
Interval 1	Interval 2	Interval 3	Interval 4	Interval 5
30-50	51-110	111-150	151-250	251-400

## Prodigy® Proves:

- Excellent performance under FDA's success score
- Precise and consistent blood glucose readings

## Analysis of Meter Readings from Five Glucose Levels

Fig 2: Bland-Altman analysis of the readings from 5 YSI levels



## Findings:

- Prodigy® shows reliability of results
- Minimal dispersion of readings from Prodigy®

Source: Dept. of Biomedical Engineering, Florida International University. The Clinical Performance of Prodigy® Glucometer: A Comparative Study. 2011 June.