

Liraglutide as Additional Treatment in Type 1 Diabetes

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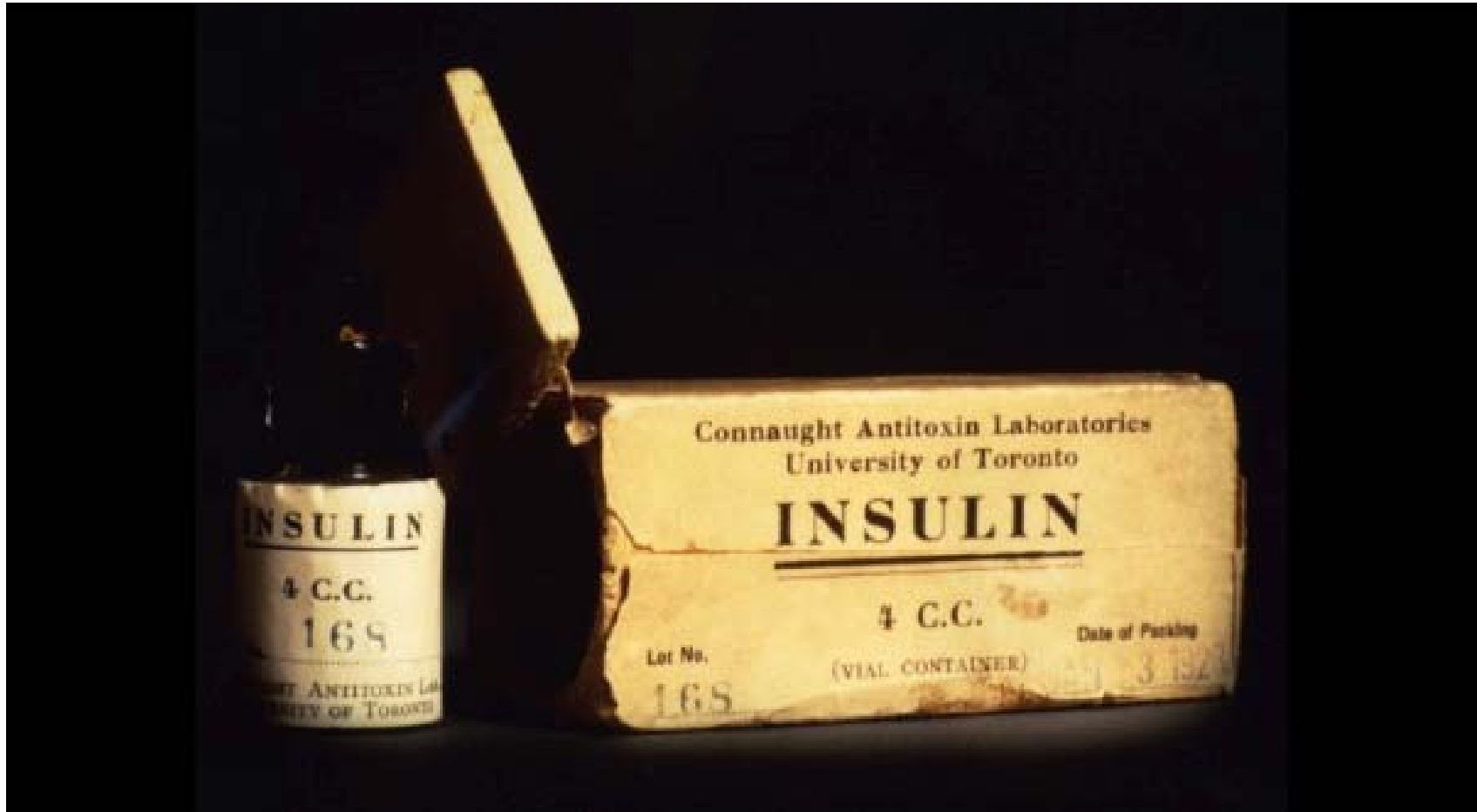
INSULIN

50 Units - 5 C.C.

10 Units per C.C.

CONNAUGHT LABORATORY

UNIVERSITY OF TORONTO



INSULIN
4 C.C.
168
CONNAUGHT ANTITOXIN LABORATORIES
UNIVERSITY OF TORONTO

Connaught Antitoxin Laboratories
University of Toronto

INSULIN

4 C.C.

Lot No.

168

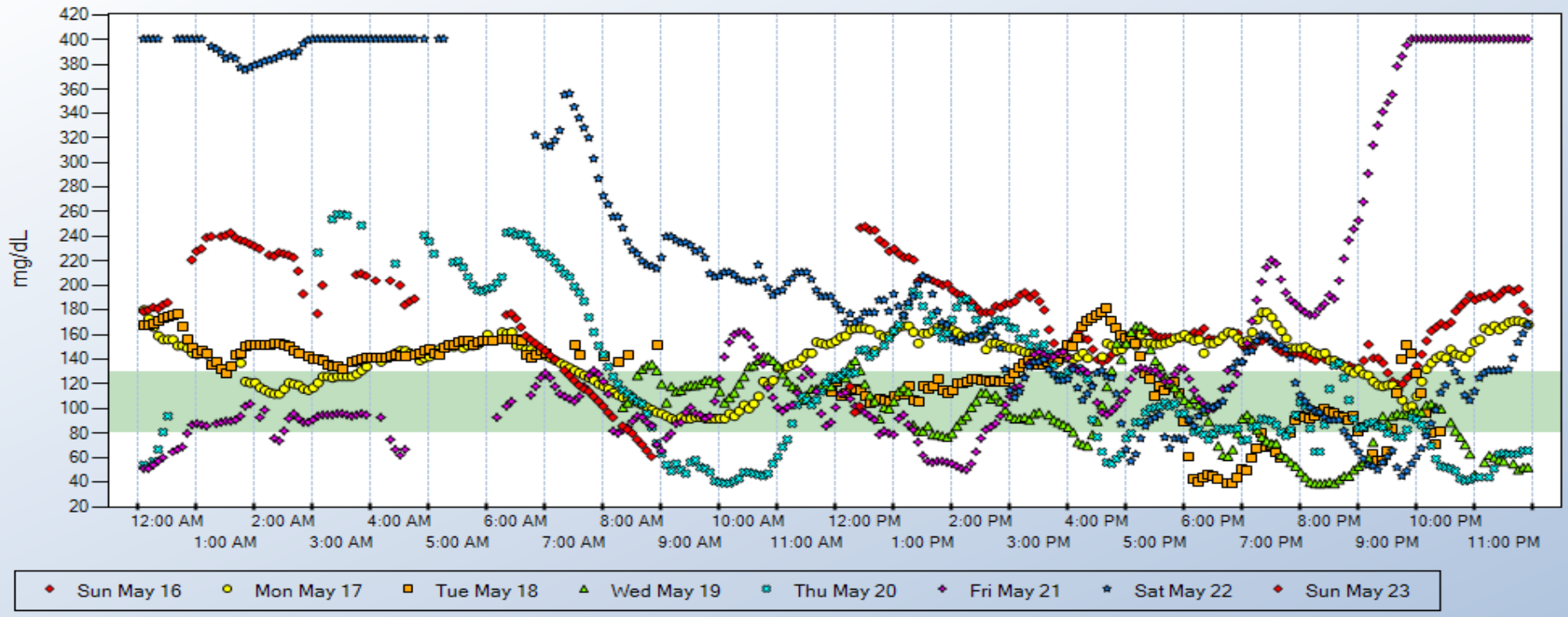
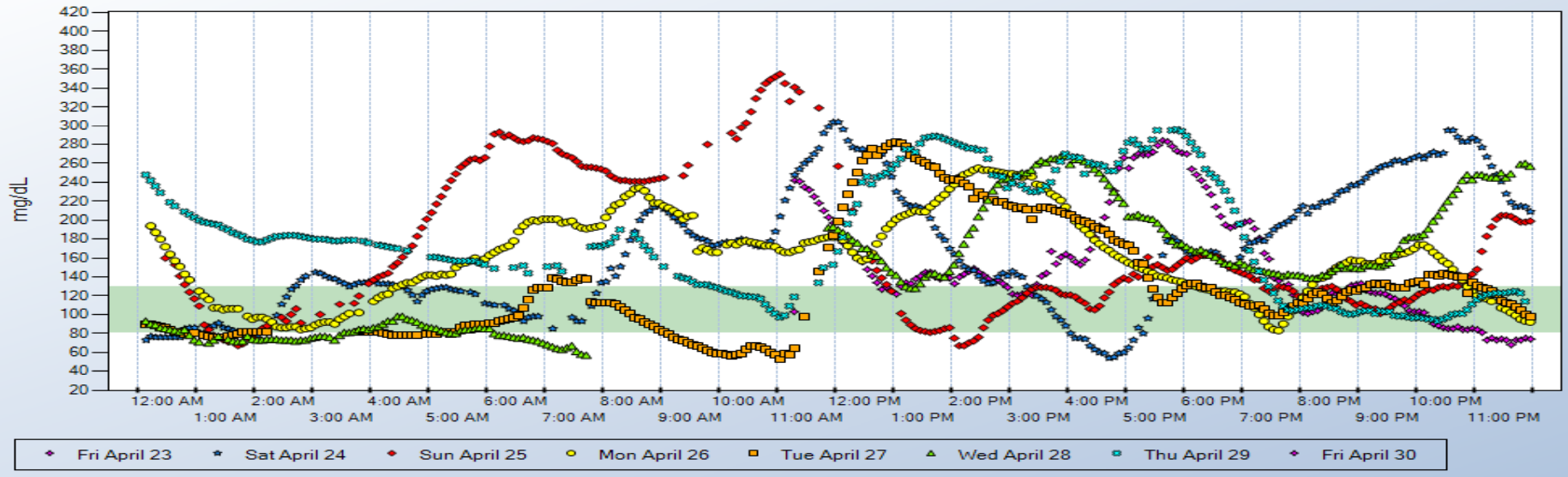
(VIAL CONTAINER)

Date of Packing

3/15/24



"J.L." before insulin on December 7, 1922 (15 pounds) and after insulin on February 26, 1923 (30 pounds).

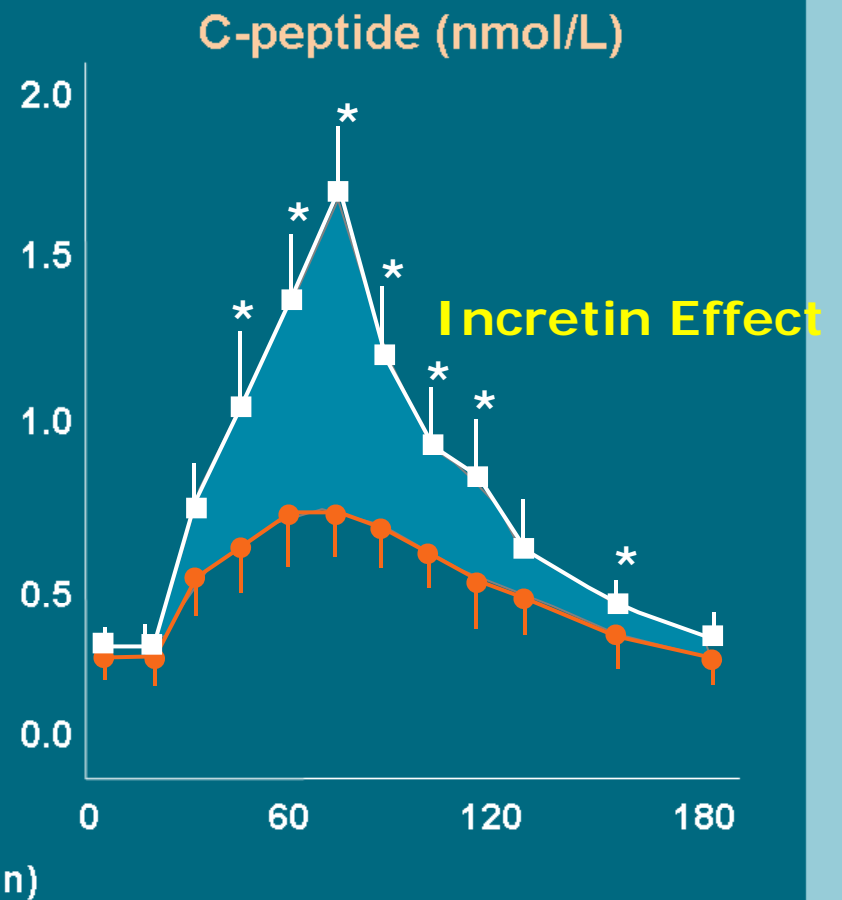
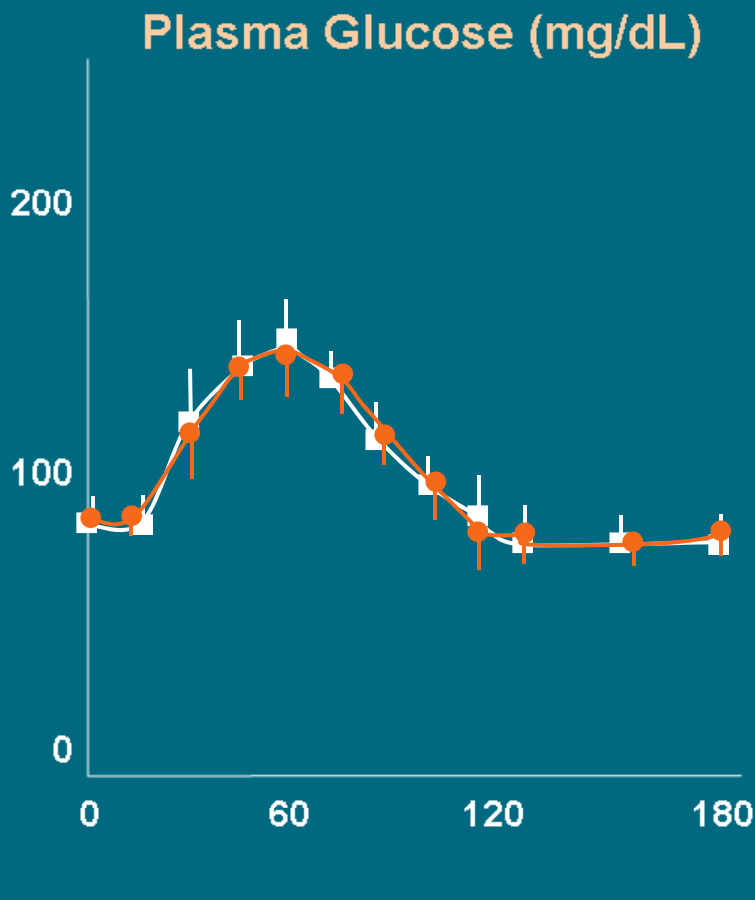


The Incretin Effect

Beta-Cell Response to Oral vs IV Glucose

Crossover of Healthy Subjects (n = 6)

- Oral Glucose
- Intravenous (IV) Glucose



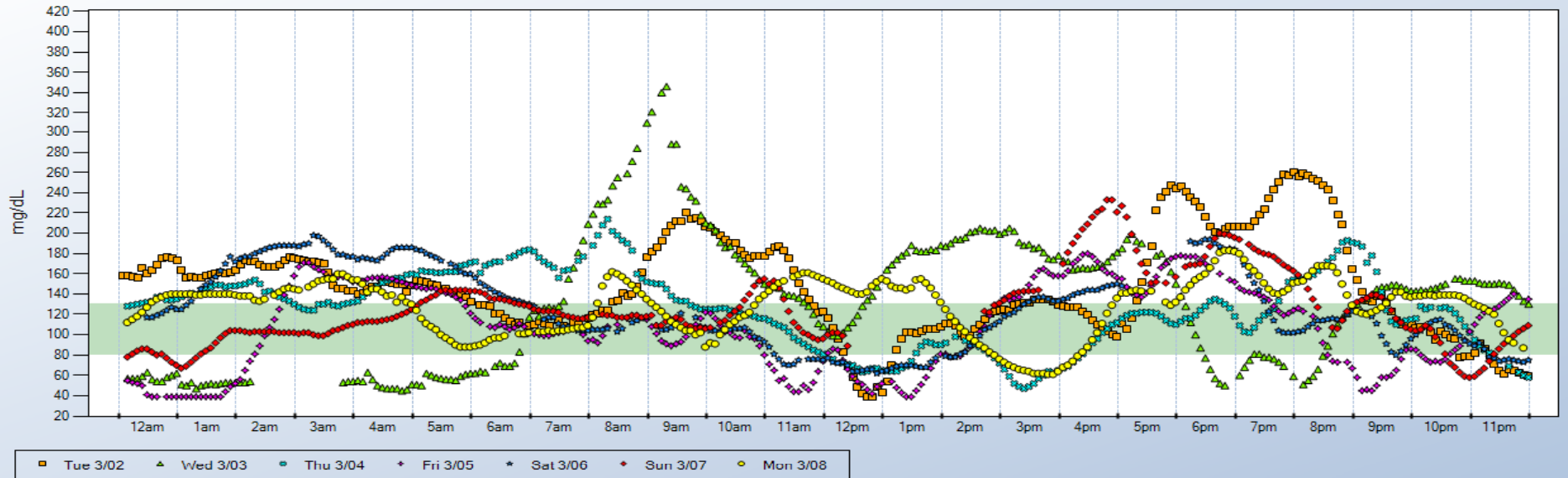
Mean (SE); * $P \leq 0.05$
Data from Nauck MA, et al. *J Clin Endocrinol Metab.* 1986;63:492-498

VICTOZA[®]

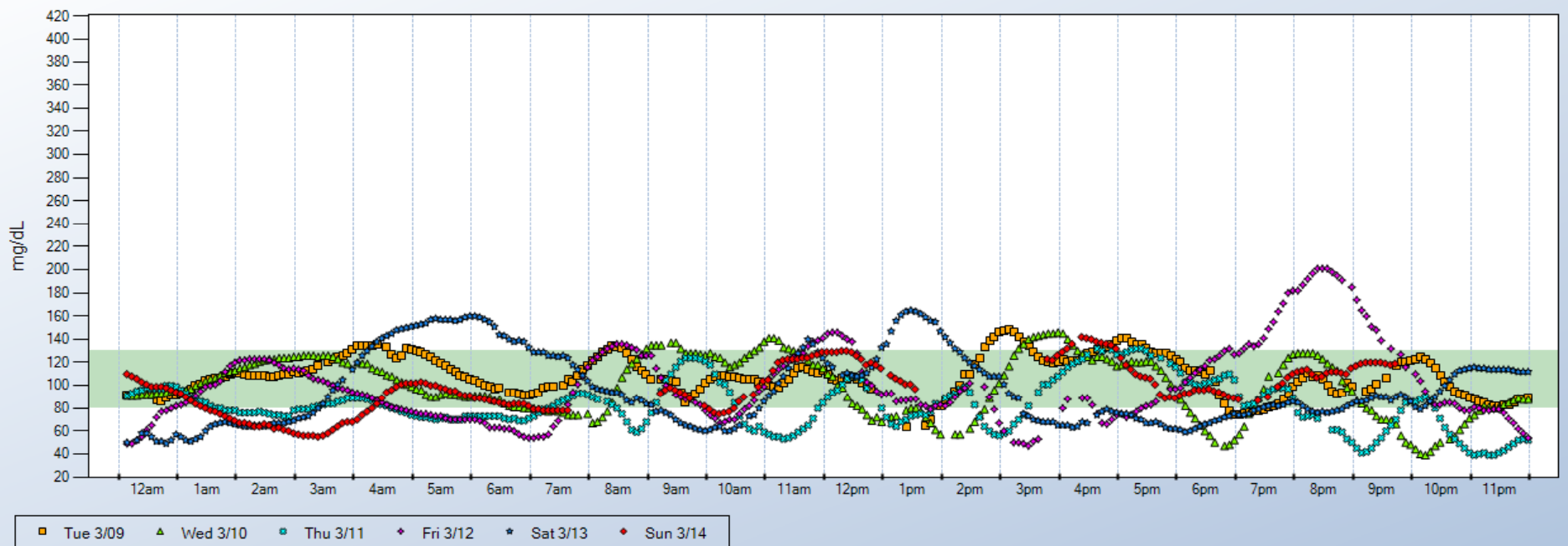
liraglutide (rDNA origin) injection



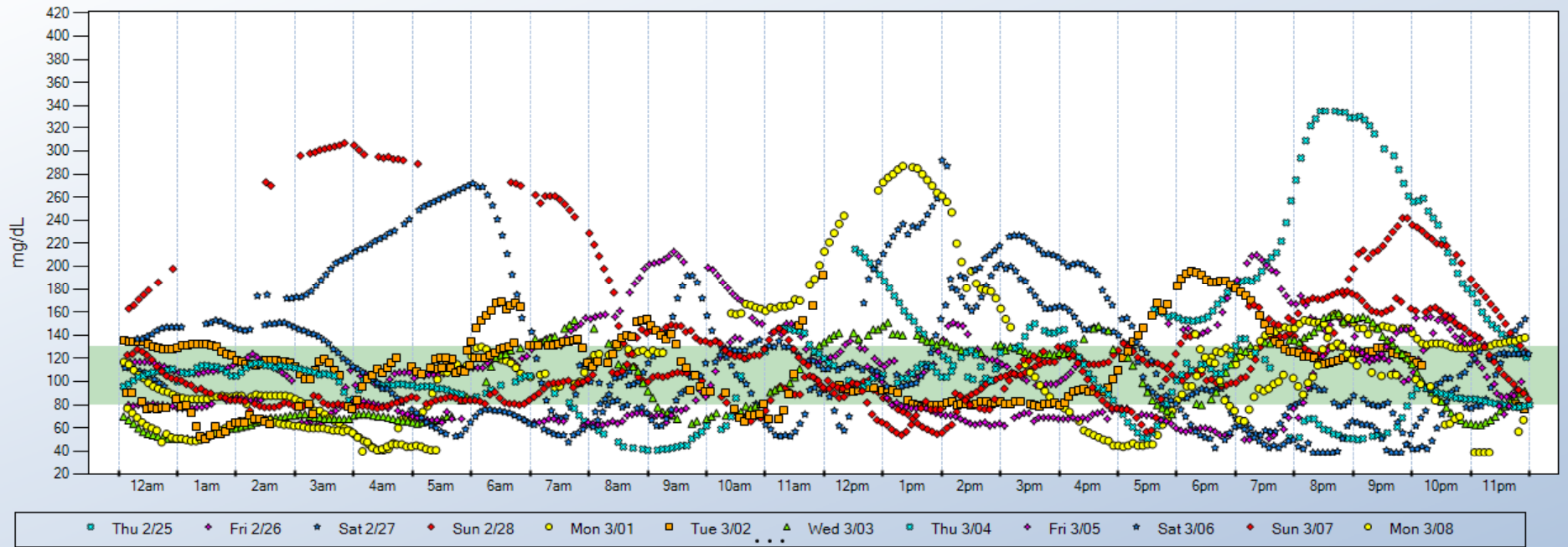
Modal Day : WV, WJ [54921]



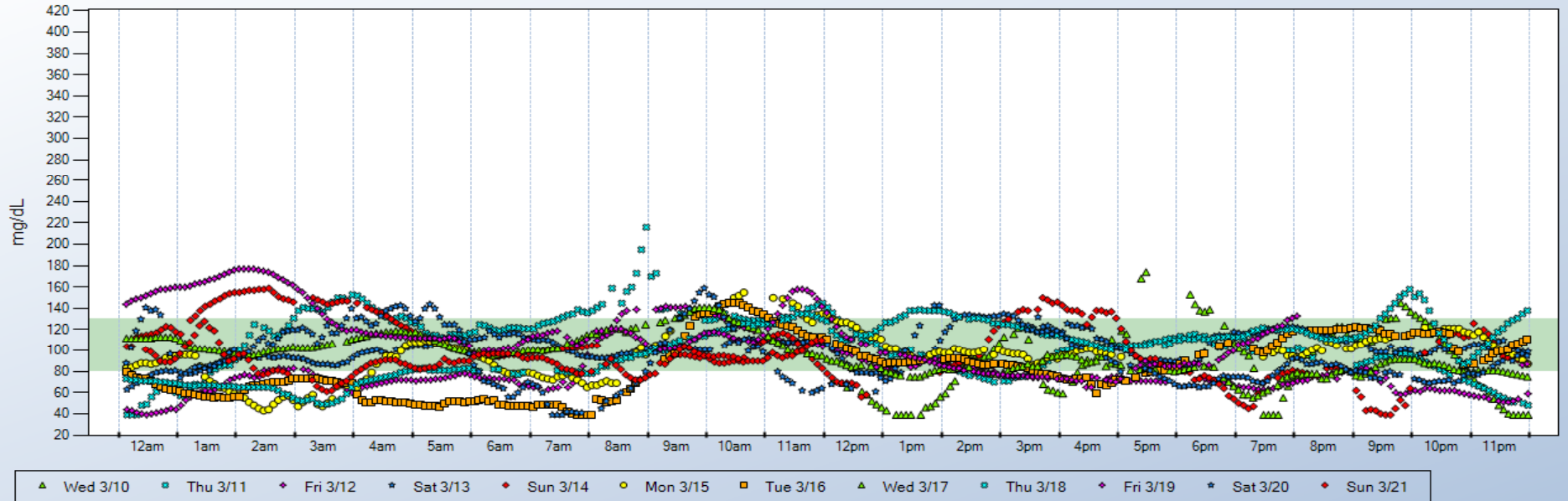
Modal Day : WV, WJ [54921]



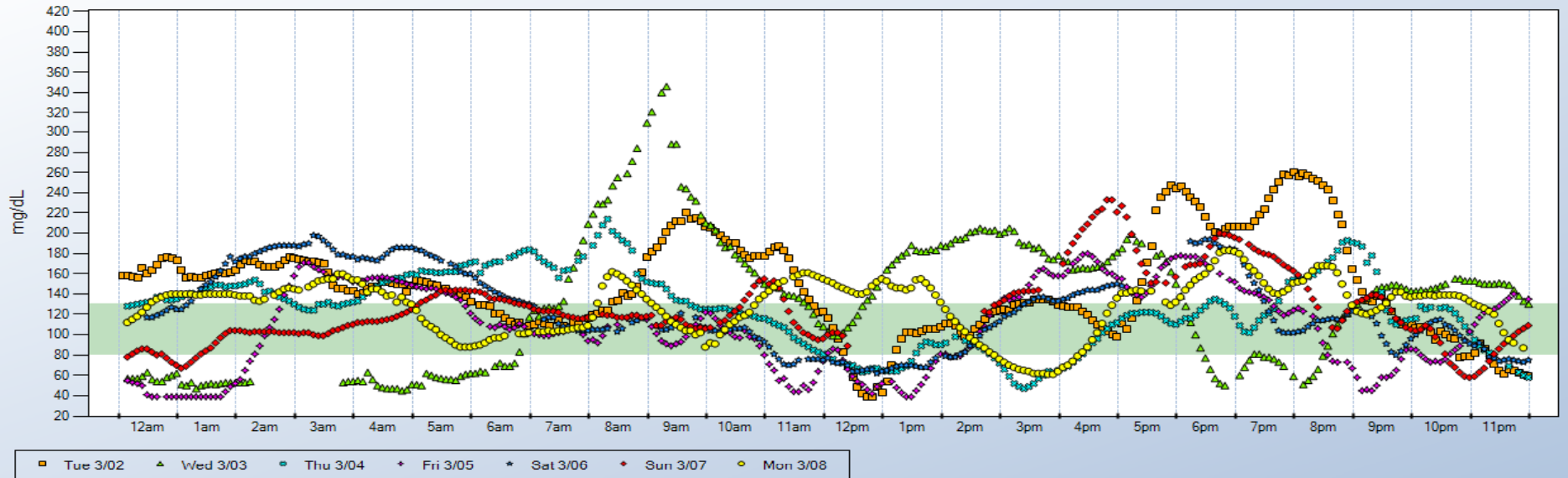
Modal Day : b, n [47022]



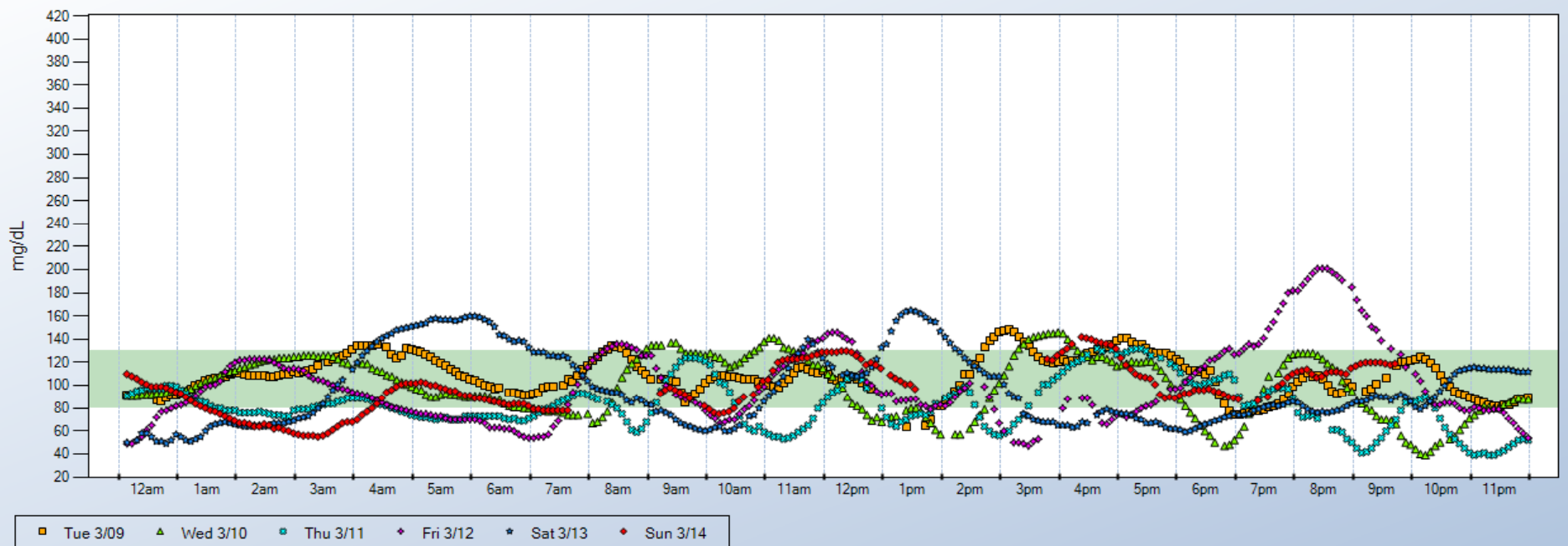
Modal Day : b, n [47022]



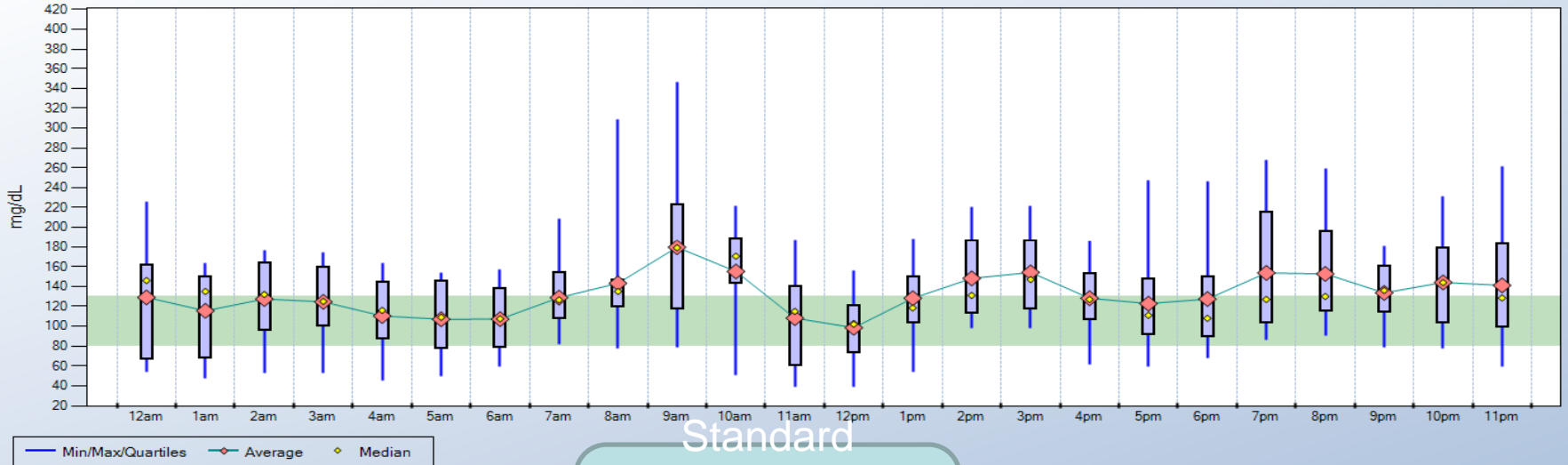
Modal Day : WV, WJ [54921]



Modal Day : WV, WJ [54921]

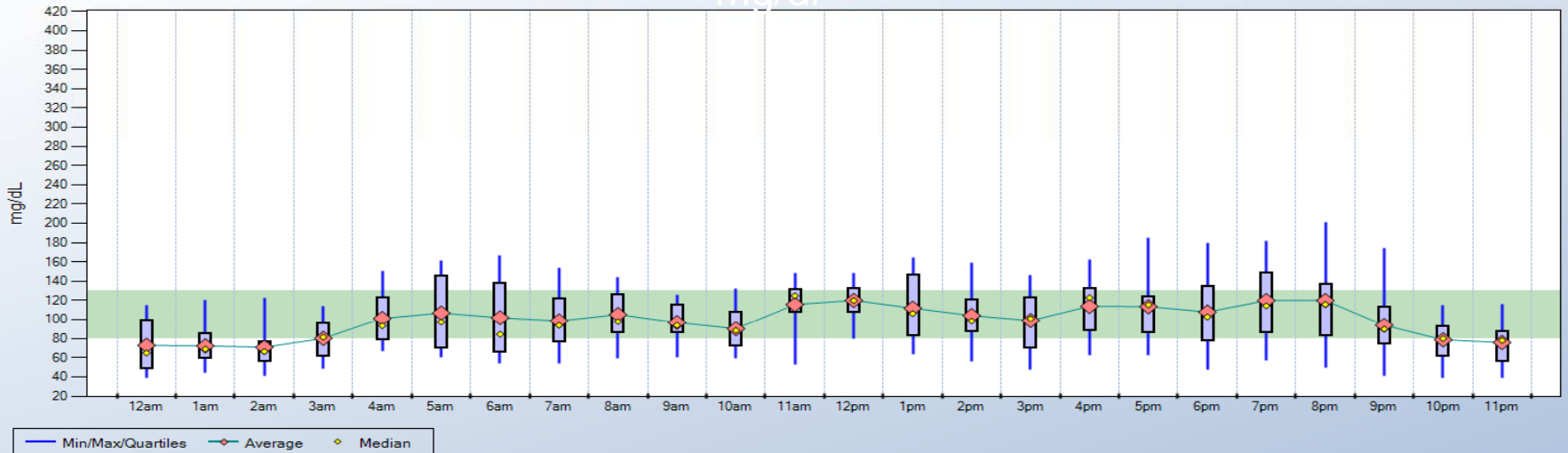


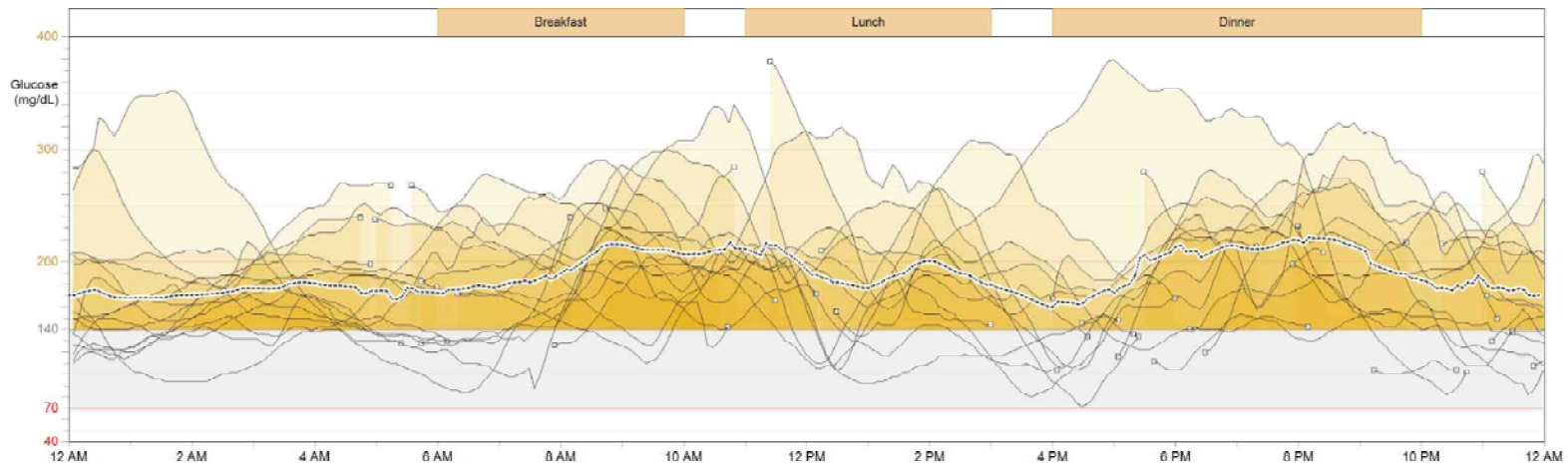
Hourly Trend : WV, WJ [54921]



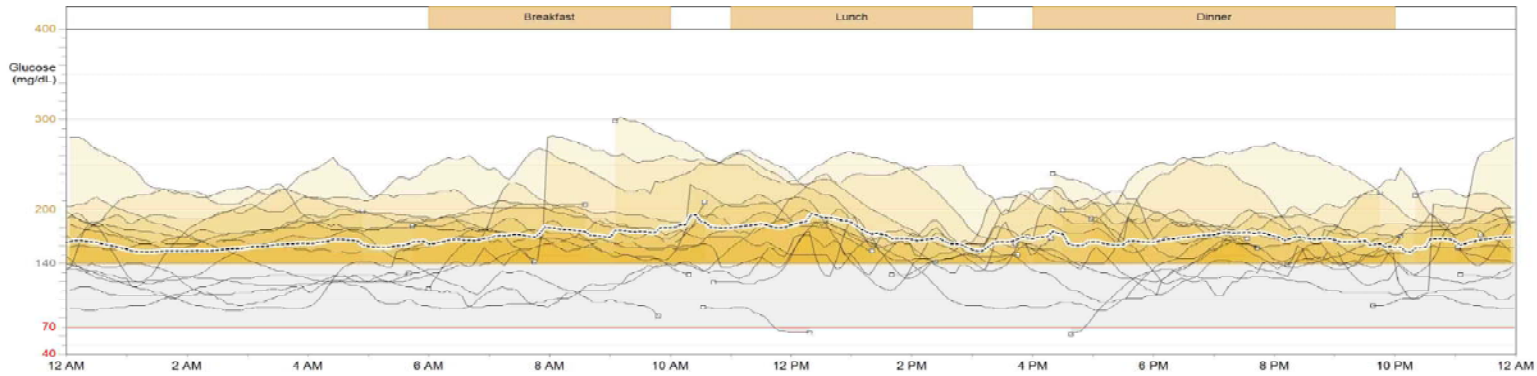
Standard Deviation decreased average of 20 mg/dl

Hourly Trend : WV, WJ [54921]

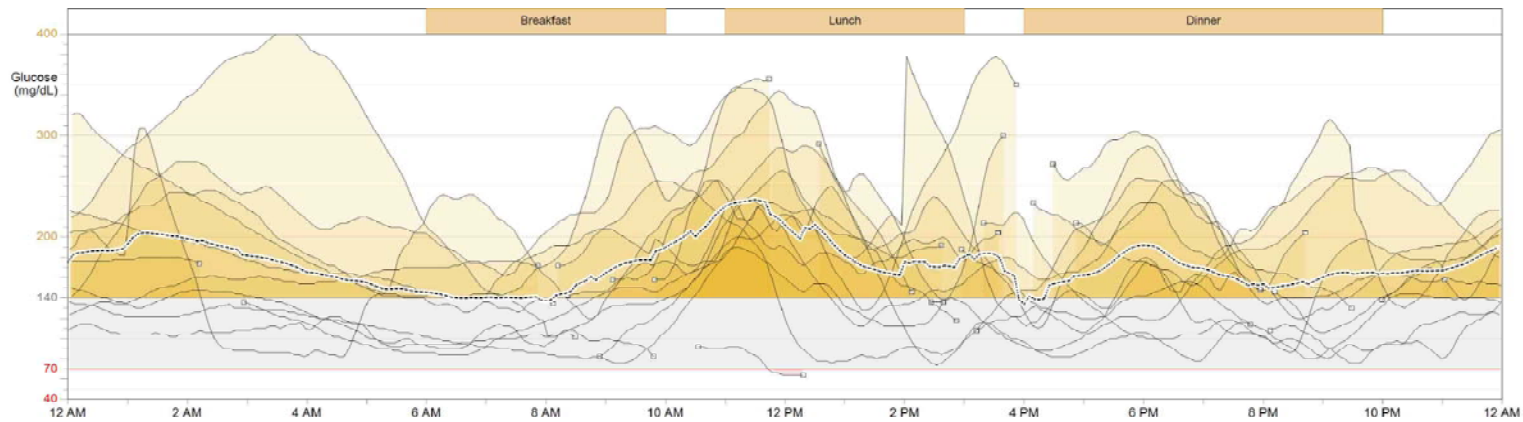




1) DF
Pre-
Victoza
HBA1C =
7.4



On Victoza

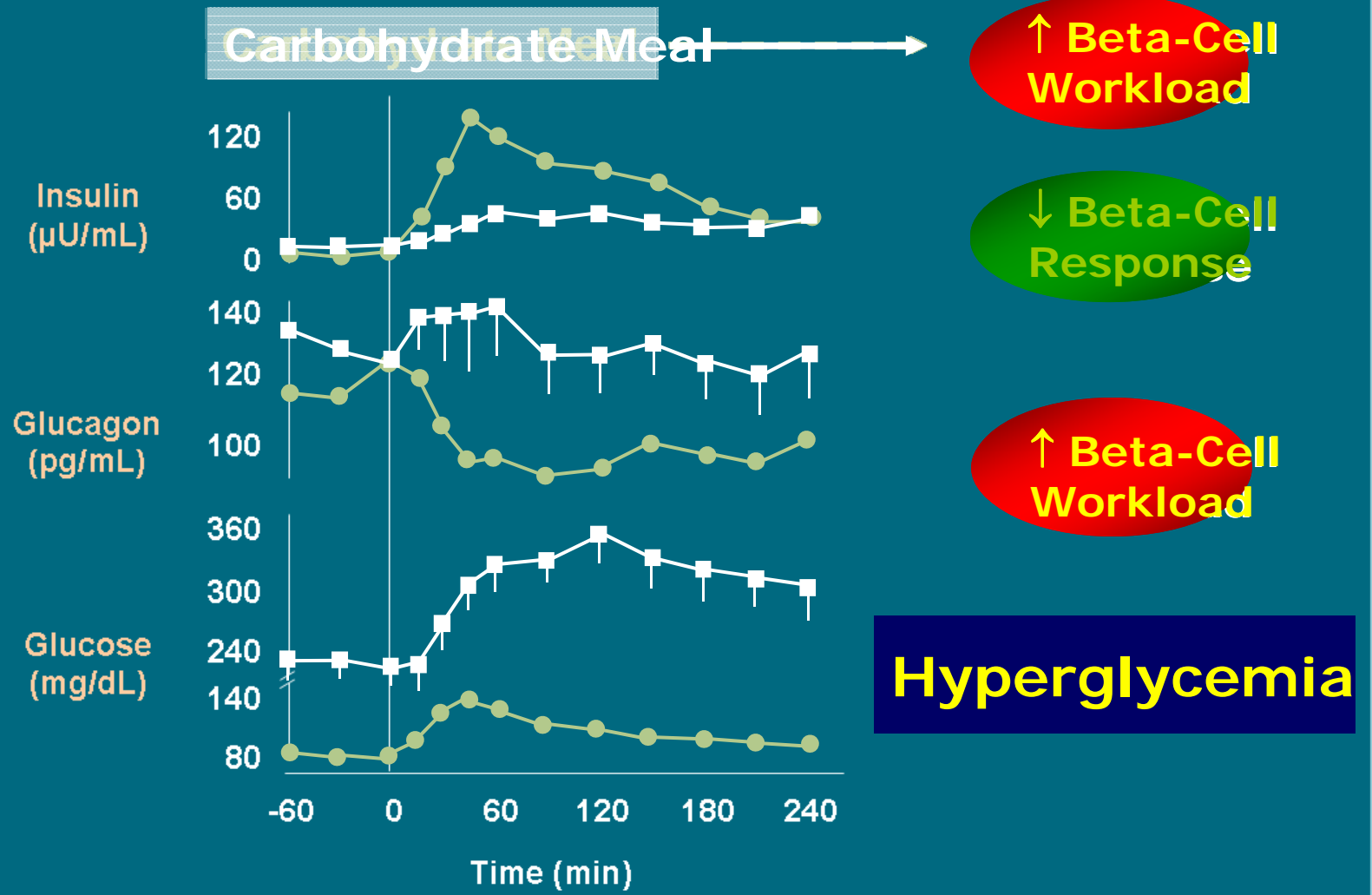


Post
Victoza

The Pathogenesis of Type 2 Diabetes

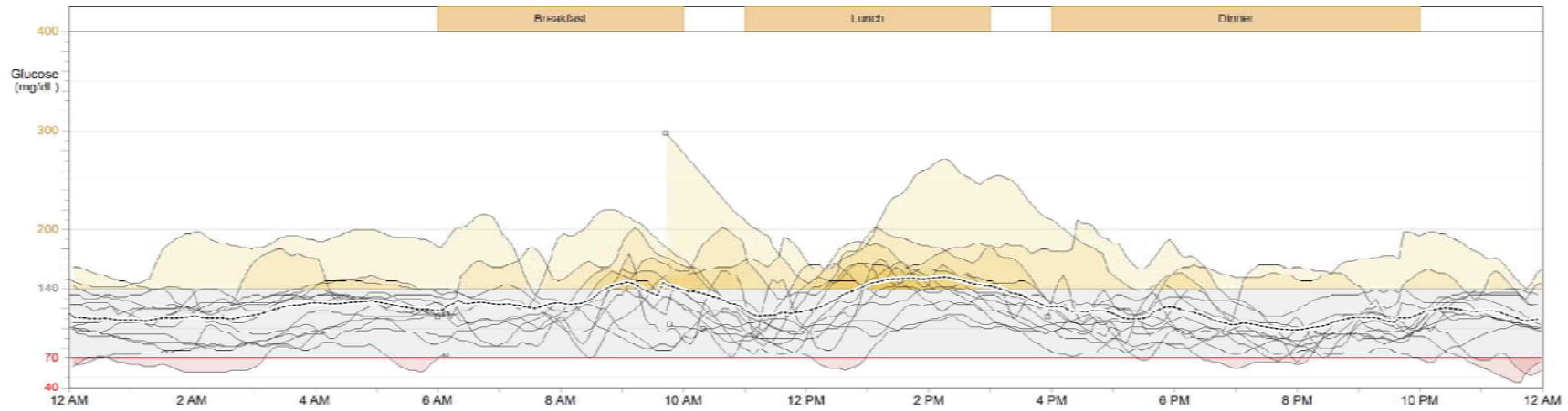
Beta-Cell Workload Outpaces Beta-Cell Response

- Healthy Subjects (n = 14)
- Type 2 Diabetes (n = 12)

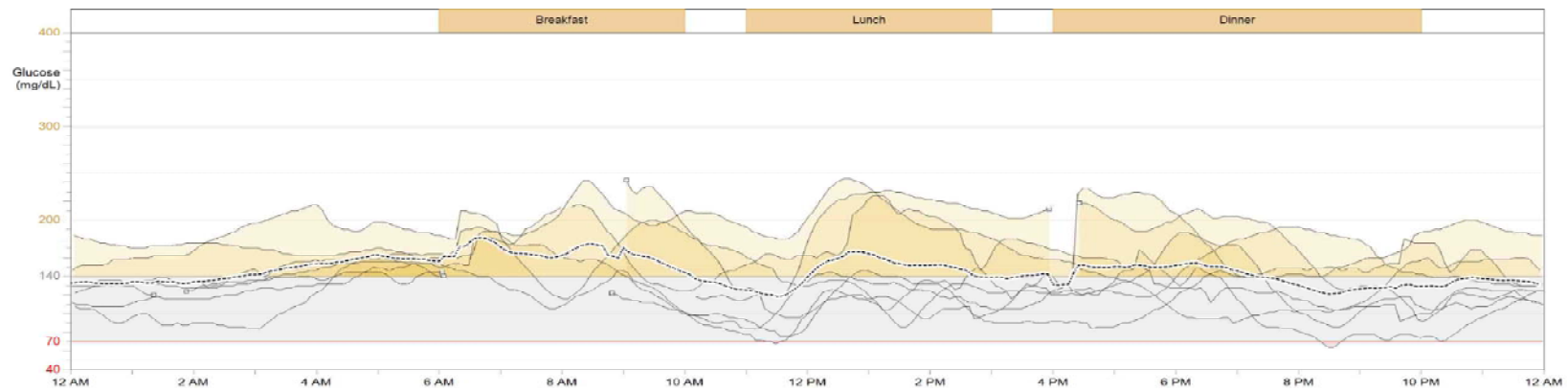


Mean (SE)

Data from Müller WA, et al. *N Engl J Med.* 1970;283:109-115



3) KG
Pre
Victoza
A1C 6.5



On Victoza

