

BENSULIN Clinical Study results

The effect of a proprietary blend of Nucleotides, formulated with a unique strain of the probiotic Lactobacillus reuteri, as a dietary supplement on incretin-mediated beta-cell function in individuals with impaired glucose homeostasis.

Methodology:

Male and Female adult volunteers with IGH or Type 2 Diabetes were provided with a dietary supplement powder composed of Nucleotides plus L. reuteri. The participants took a daily “therapeutic dose” of 500mg of this formula for not less than 60 days. The clinical medical team periodically assessed and specifically documented the FSB and A1C levels of all participants as per recommended schedule by appointment.

Progress logs became a part of the participant’s medical chart for assessment by the medical team. Subjects began the protocol immediately after signing letters of consent.

1. Trial participants ranged from age 18-70:
2. No special diet, nutrition or exercise during study
3. Blood labs to qualify for study: A1C-less than 6.5 or greater than 8.0 BMI>30
4. No history of cancer, liver or kidney problems

Total Number of participants: 25

Total participants who completed the trial as per protocol: 15

Participating Clinic: Doctor's Natural Health Solutions; Ormond Beach, FL

Principal Investigator: Dr. Michael Epitropoulos, PhD; DC

Notes:

Patient #'s 9 & 14 are Pre-type 2 Diabetes patients

Patient #'s 1, 8 and 15 are type 2 Diabetes patients who were on medications

None of the participants experienced any negative side effects.

Some additional positive benefits were reported by several patients.

Results:

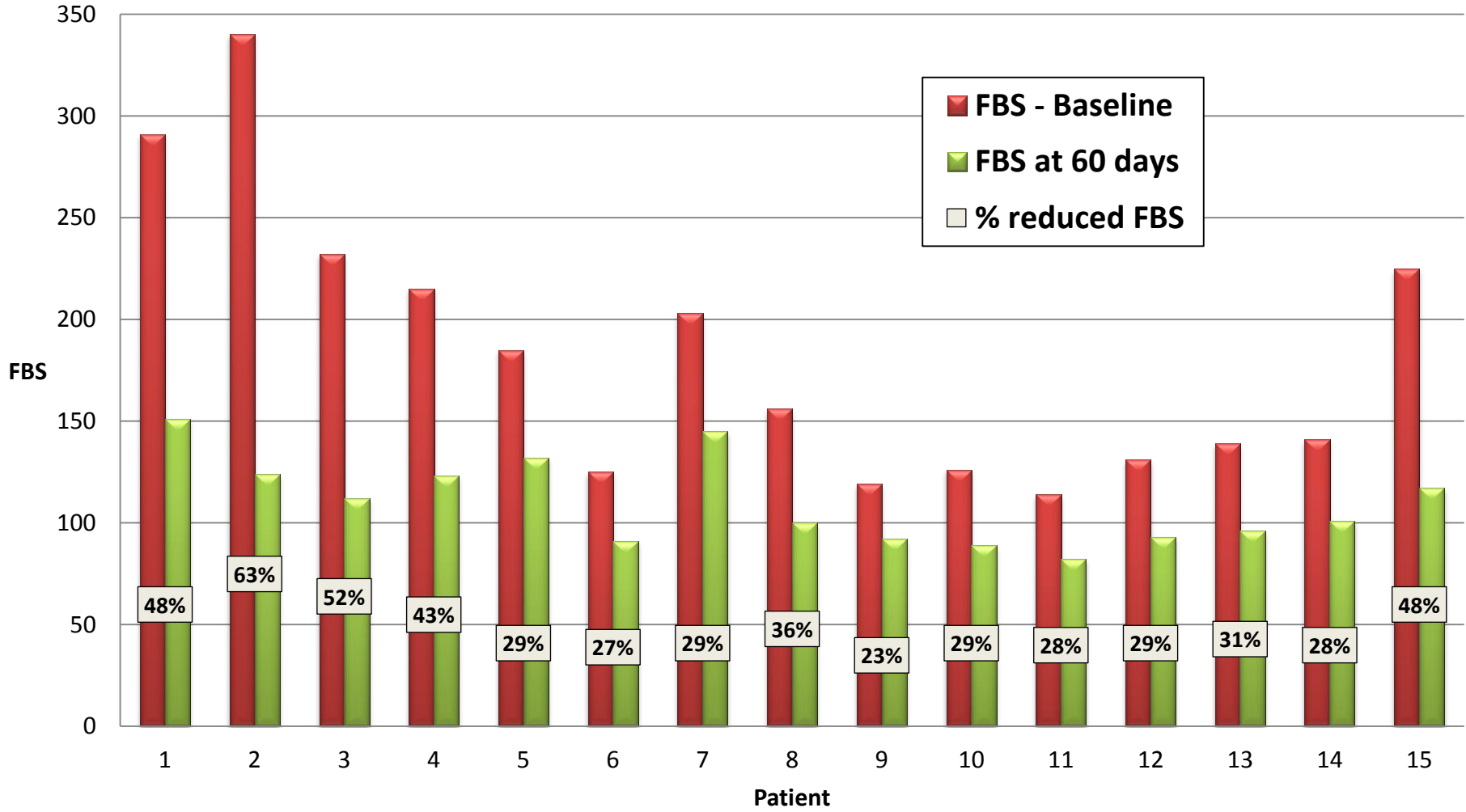
Patient #	FBS - Baseline	FBS at 60 days	% reduced FBS
1	291	151	48
2	340	124	63
3	232	112	52
4	215	123	43
5	185	132	29
6	125	91	27
7	203	145	29
8	156	100	36
9	119	92	23
10	126	89	29
11	114	82	28
12	131	93	29
13	139	96	31
14	141	101	28
15	225	117	48

Avg. % reduced FSB:

36.2

Free Blood Sugar Levels after 60-day course of BENSULIN

Average percentage reduced FSB: 36.2%



Patient #	A1C - Baseline	A1C at 60 days	% reduced A1C
1	8.3	7	16
2	9	7.4	18
3	7.6	6.3	17
4	8.5	7.1	16
5	7.8	6.5	17
6	7.3	5.9	19
7	8.2	7.4	10
8	7.9	6.1	23
9	6.2	5.5	11
10	6.5	5.9	9
11	6.4	5.5	14
12	7.1	6.2	13
13	6.5	5.8	11
14	7.1	6.3	11
15	9.2	7.5	18

Avg. % reduced A1C: 14.9%

A1C Levels after 60-day course of BENSULIN

Average percentage reduced A1C: 14.9%

