

Supplementary Table 2: Characteristics of individual patients in nonresponder group

	Participant number					
	1	2	3	4	5	6
Age	32	48	37	47	48	36
Gender	Male	Female	Male	Female	Male	Male
Duration of diabetes in years	1	0.5	5	7	3	6
Medication number of OADs						
Before	0	0	3	3	2	4
After	0	0	1	2	0	1
Insulin dose						
Before	0	0	0	31	0	15
After	0	0	0	16	0	0
Two generation family history of diabetes	Yes	No	Yes	Yes	Yes	Yes
Weight						
Before	94.5	69.2	84	77	100	85
After	86.9	70.1	79	73	93	78
BMI						
Before	31.2	28.4	29.8	30.1	34.6	27.4
After	28.7	28.6	28.1	28.5	32.2	25.2
Waist circumference						
Before	109	89	104	93	113	101
After	103	89	97	88	110	88
HbA1c						
Before	10.7	10.2	9	8.5	7.5	9.3
After	6.7	6.8	7	7.3	7.5	7.7
Blood sugar, fasting						
Before	263	310	148	167	147	126
After	118	131	125	111	145	120
Blood sugar, postprandial						
Before	394	448	254	238	189	242
After	166	129	149	107	133	221
Serum insulin fasting						
Before	9	19.4	20.4	21	39	117
After	7	19	22	25	20	13

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	Participant number					
	1	2	3	4	5	6
Serum C-peptide fasting						
Before	2.2	4.4	1.6	1.63	5	2.81
After	2.2	3.5	1.4	1.2	3.2	2.38
Serum triglyceride						
Before	403	273	101	132	70	136
After	176	204	59	121	92	105
HOMA-IR						
Before	2.51	6.41	1.37	1.46	4.26	2.29
After	1.76	2.88	1.14	0.94	2.72	1.91
Insulin sensitivity index (QUICKI)						
Before	0.3	0.26	0.29	0.28	0.27	0.24
After	0.34	0.29	0.29	0.29	0.29	0.31
HOMA-beta						
Before	20.9	32.9	41.7	34	99.8	84.1
After	79.4	92.3	51.7	58.2	72.3	81.5
LDL cholesterol						
Before	103	138	82	99	158	100
After	105	61	74	104	133	89
Serum HDL cholesterol						
Before	40	35	36	38	50	44
After	36	35	39	43	43	58
Serum cholesterol						
Before	200	184	126	148	229	138
After	166	108	113	148	211	143
Serum VLDL cholesterol						
Before	18	43.6	16.2	21.1	11.1	21.8
After	28.1	32.7	9.4	19.4	14.8	16.8
C-reactive protein						
Before	0.6	0.4	0.5	0.6	0.1	0.1
After	0.5	0.2	0.1	0.4	0.1	0.1
Microalbumin						
Before	1.4	1.1	0.8	0.5	0.6	0.8
After	0.5	1.9	1	0.5	0.6	0.6
Hemoglobin						
Before	15.1	12.2	14.8	12	14.3	17
After	15.4	9.6	15.1	11.9	14.7	16.1
Serum creatinine						
Before	0.83	0.6	1	0.6	0.9	1
After	0.9	0.6	1	0.6	0.8	0.9
eGFR						
Before	110	108	84	110	101	95
After	106	108	96	110	106	108
Serum uric acid						
Before	4.8	3.3	6.7	4.1	6.5	6.2
After	6	3.9	7.2	5.4	7	6.8
Serum calcium						
Before	10.4	9.7	9.9	9	9.1	9.4
After	9.6	8.9	-	9.9	9.4	10
Serum aspartate aminotransferase						
Before	11	13	39	31	18	19
After	17	12	30	14	14	21
Serum alanine aminotransferase						

Contd...

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	Participant number					
	1	2	3	4	5	6
Before	17	13	58	38	26	35
After	20	10	57	19	21	29
Serum albumin						
Before	4.9	4.5	4.9	4.01	4.55	4.95
After	4.7	3.97	4.79	4.17	4.54	5.02
Serum globulin						
Before	2.8	2.9	2.4	2.8	2.4	2.3
After	3	2.4	2.1	2.5	2.2	2
Serum protein, total						
Before	7.6	7.3	7.26	6.78	7.04	7.34
After	7.7	6.37	6.94	6.72	6.7	7.02
Serum sodium						
Before	136	131	134	140	138	135
After	137	136	142	142	138	136
Serum potassium						
Before	5	4.2	4.7	4.1	4.6	4.1
After	4.6	4.3	4.7	4.1	5	4.2
Serum chloride						
Before	98	97	99	102	103	95
After	100	102	98	101	101	98
Fatty liver on USG abdomen						
Before	Normal	Grade I–II	Not done	Normal	Grade II–III	Grade II
After	Normal	Normal	Not done	Normal	Grade II	Normal

USG: Ultrasonography, eGFR: Epidermal growth factor receptor, LDL: Low-density lipoprotein, HDL: High-density lipoprotein, VLDL: Very low-density lipoprotein, HOMA-IR: Homeostasis model assessment insulin resistance, BMI: Body mass index, HbA1c: Glycosylated hemoglobin, QUICKI: Quantitative insulin sensitivity check index, OADs: Oral antidiabetic drugs