

Table1: Chi Square test for crossmatch of gender

		Gender		P value
		Woman	Man	
Group	Control	33	10	0,25
	Patient	38	5	
Total		71	15	

Table 2: Age and BMI comparison between groups (Independent T test)

	Group	N	Mean	Std. Deviation	P Value
Age	Control	43	33,04	10,29	0,11
	Patient	43	36,83	11,84	
HOMA IR	Control	43	1,76	,46	0,00
	Patient	43	3,36	,78	
BMI	Control	41	27,67	4,20	0,00
	Patient	42	33,55	5,31	

Table 3: Mann Whitney U Test for not normal distribution variables

	Group	N	Median	Minimum-Maximum	P Value
Fecal Elastase-1 (mcg/g)	Control	43	198.04	106.2- 500.4	0.00
	Patient	43	157.87	79.3- 258.5	
AST (U/L)	Control	40	20	14-53	0.94
	Patient	38	20	13-38	
Cholesterol (mg/dl)	Control	40	176	127-271	0.93
	Patient	37	180	115-360	
LDL (mg/dl)	Control	40	100.5	53.8-181.4	0.94
	Patient	37	101.6	52,7-290	
Triglyceride (mg/dl)	Control	40	114	39-377	0.32
	Patient	39	128	63-512	

Table 4: Independent T test for normal distribution variables

	Group	N	Mean	Std. Deviation	P Value
Glucose (mg/dl)	Control	43	86.13	5.68	0.00
	Patient	43	92.27	9.13	
HbA1C (%)	Control	43	5.12	0.29	0.00
	Patient	42	5.38	0.31	
Insulin (μ IU/ml)	Control	43	8.32	2.22	0.00
	Patient	43	14.97	4.08	
ALT (U/L)	Control	43	19.60	11.17	0.07
	Patient	43	23.72	9.92	
Pancreatic amylase (U/L)	Control	43	23.02	6.25	0.48
	Patient	43	22.16	5.07	
Lipase (U/L)	Control	43	21.74	5.96	0.69
	Patient	43	21.13	7.92	
Leptin (ng/ml)	Control	43	4.35	3.65	0.01
	Patient	43	6.40	3.71	
Adiponecti n (mcg/ml)	Control	43	4.87	4.04	0.17
	Patient	43	3.75	3.54	
HDL (mg/dl)	Control	43	46.65	12.62	0.17
	Patient	41	43.20	10.04	

Table 5: Pearson Correlation Test for Insulin Resistance Group

		Age	Adiponectin	Pancreatic amylase	Insulin
HOMA-IR	P.Correlation		0.349	-0.33	0.944
	P Value		0.022	0.029	0.00
	n		43		43
FECAL ELASTASE-1	P.Correlation		-0.318		-0.274
	P Value		0.038		0.076
	n		43		43
HbA1C	P.Correlation	0.377			
	P Value	0.014			
	n	42			
LEPTIN	P.Correlation		0.599		
	P Value		0.00		
	n		43		

Table 6: Multiple linear regression analysis for Fecal Elastase-1

	N	β	P Value
HbA1C	85	-,007	,950
HOMA- IR	85	-,404	,004
BMI	85	,035	,788
Leptin	85	-,167	,120