

Supplementary Table S1. Comparison between patients according to GI cancer diagnosis and Chrono Med Diet Score/ ROC identified cut-off. Comparison was performed with Student T-Test analysis. Data are presented as mean \pm SD (Standard Deviation). Abbreviations: Body Mass Index, BMI; Waist Circumference, WC; Total Cholesterol, TC; High-Density Lipoprotein Cholesterol, HDL-c; Low-Density Lipoprotein Cholesterol, LDL-c; Triglycerides, TG; Fasting Plasma Glucose, FPG.

Clinical Variable	NO Cancer	GI Cancer	p-value
	CMD5 >12 N= 201 (90M:111F)	CMD5 >12 N= 9 (7M:2F)	
Age (Years)	60.1 \pm 5.3	59.8 \pm 6.0	0.5564
BMI (Kg/m ²)	29.9 \pm 3.9	29.3 \pm 4.4	0.7839
WC (cm)	93.9 \pm 5.6	97.0 \pm 9.3	0.3382
TC (mg/dl)	177.5 \pm 6.0	183.2 \pm 17.4	0.3891
HDL-c (mg/dl)	52.0 \pm 5.7	47.4 \pm 8.4	0.1091
LDL-c (mg/dl)	97.4 \pm 7.3	100.5 \pm 18.3	0.6621
TG (mg/dl)	110.3 \pm 6.4	118.4 \pm 21.4	0.1182
FPG (mg/dl)	92.5 \pm 7.8	100.3 \pm 9.9	0.0929

Supplementary Table S2. Comparison between patients according to GI cancer diagnosis and Chrono Med Diet Score/ ROC identified cut-off. Comparison was performed with Student T-Test analysis. Data are presented as mean \pm SD (Standard Deviation). (* p <0.05; ** p <0.01). Abbreviations: Body Mass Index, BMI; Waist Circumference, WC; Total Cholesterol, TC; High-Density Lipoprotein Cholesterol, HDL-c; Low-Density Lipoprotein Cholesterol, LDL-c; Triglycerides, TG; Fasting Plasma Glucose, FPG.

Clinical Variable	No Cancer	GI Cancer	p-value
	CMD5 \leq 12 N= 129 (70M:59F)	CMD5 \leq 12 N= 31 (20M:11F)	
Age (Years)	60.7 \pm 5.7	60.5 \pm 5.9	0.4112
BMI (Kg/m ²)	30.1 \pm 3.7	30.8 \pm 4.0	0.7663
WC (cm)	99.5 \pm 5.3	106.2 \pm 6.6	0.0288*
TC (mg/dl)	179.3 \pm 8.6	185.2 \pm 13.5	0.2843
HDL-c (mg/dl)	49.1 \pm 5.1	41.3 \pm 7.4	0.0083**
LDL-c (mg/dl)	102.8 \pm 11.4	106.2 \pm 11.5	0.2771
TG (mg/dl)	111.3 \pm 9.9	131.5 \pm 17.1	0.0099**
FPG (mg/dl)	100.3 \pm 5.8	110.4 \pm 8.6	0.0812