

Table 1: Differentiation of oxidative enzymes and oxidative stress products before and after the operation in 31 patients with papillary thyroid cancer and 25 healthy controls that were included in this study.

	Prolidase	MDA	PCO	HO-1	SOD
Preoperative	850.81 ± 272.41	6.35 ± 1.55	186.83 ± 51.22	1.61 ± 0.48	1.67 ± 0.55
Postoperative	845.26 ± 195.76	4.58 ± 1.15	176.034 ± 25.46	1.73 ± 0.76	0.87 ± 0.75
p-value	0.936	<0.001	0.293	0.247	<0.001
Control	738.85 ± 131.57	3.503 ± 0.72	150.33 ± 33.49	2.07 ± 0.731	1.26 ± 0.89
Preoperative	850.81 ± 272.41	6.35 ± 1.55	186.83 ± 51.22	1.61 ± 0.48	1.67 ± 0.55
p-value	0.06	<0.001	0.003	0.006	0.025
Control	738.85 ± 131.57	3.503 ± 0.72	150.33 ± 33.49	2.07 ± 0.731	1.26 ± 0.89
Postoperative	845.26 ± 195.76	4.58 ± 1.15	176.034 ± 25.46	1.73 ± 0.76	0.87 ± 0.75
p-value	0.024	<0.001	0.002	0.10	0.016

All values were denoted as mean ± standard deviation, in ng/ml, bold typed p values are statistically meaningful. MDA: malondialdehyde, PCO: protein carbonyl, HO-1: hemoxygenase-1, SOD: superoxide dismutase.