

	Biomarker	OSA	Post CPAP therapy
Receptors	TLR-2	↑	↓
	TLR-4	↑	↓
Cytokines	IL-6	↑	↓
	IL-8	↑	↓
	IL-10	↑	↓
	IFN- γ	↑	↓
	TNF- α	↑	↓
	Biomarker	OSA	Post CPAP therapy
Serum Lipids	Cholesterol	No association	No effect
	HDL	No association	No effect
	LDL	No association	No effect
	oxLDL	No association*	No effect
	TAGs	No association	No effect
	Biomarker	OSA	Post CPAP therapy
Catecholamines	Norepinephrine	↑	↓
	Biomarker	Hypertensive OSA	Post CPAP therapy
Cardiovascular Markers	CIMT	↑	-
	PWV	↑	-
	YKL-40	↑	↓
	Biomarker	OSA	Post CPAP therapy

Endothelial Markers	ICAM-1	↑	↓
	VCAM-1	↑	↓
	MCP-1	↑	↓
	E-selectin	↑	↓
	L-selectin	↑	↓
	ET-1	↑	↓
	NO	↓	↑
Biomarker OSA Post CPAP therapy			
Monocyte Markers	CD11c	↑	↓
	CD15	↑	↓
	CD64	↓	No change
Biomarker OSA Post CPAP therapy			
Insulin Resistance	hsCRP*	↑	↓
	Leptin	↑	↓
	Adiponectin	↓	↑

Supplemental Table 1. Biomarker change in comparison to Obese controls as well as and after CPAP therapy.