

Serum Lipid Levels in COPD

KOAH'da Serum Lipid Düzeyleri

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Editor, I read the recent report on COPD with a great interest [1]. Radavuş et al. concluded that "Anaerobic changes in carbohydrate and lipid metabolism caused by hypoxia is thought to be the reason for the decrease in serum lipid levels of patients with COPD [1]." There are some comments on this work. First, there is no clear background of the health controls that they have no underlying status that affect serum lipid levels. Also, serum lipids are the result of eating behavior. The clarification of the eating behavior between cases and controls are required. Grigorakos et al. noted that "the interaction between nutritional status, nutritional supply and respiratory function is important in the management of the COPD [2]." Second, the quality control on the

serum lipid testings in this work should be discussed. Third, it is doubtful on the baseline serum lipid of the patients with COPD. If there is an evidence of reduction of the serum lipids after having COPD, the proposed theory might be support.

REFERENCES

1. Radavuş C, Sunay D, Çaylan A. Evaluation of serum lipid levels in chronic obstructive pulmonary disease. *Turk Thorac J* 2010;11:55-61.
2. Grigorakos L, Sotiriou E, Markou N, et al. Combined nutritional support in patients with chronic obstructive pulmonary disease (COPD), under mechanical ventilation (MV). *Hepatogastroenterology* 2009;56:1612-4.