

Title:- Relationship Between Dyslipidemia and Endocrine Disorder

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Outline of presentation

- **Introduction**
- **Incidence of dyslipidemia among non-communicable disease**
- **Effect of dyslipidemia on vital organs**
- **Could dyslipidemia induce endocrine dysfunction?**
- **could endocrine disorder risk for dyslipidemia?**
- **Assessment of lipid profile as marker for endocrine disease**
- **Conclusion**

Abstract

Dyslipidemia is one of the most common risk factors for the most prevalent and fatal non-communicable diseases (NCDs); cardiovascular disease (CVD), cancer, chronic respiratory disease and diabetes and other. According to world health organization (WHO) report effective management of dyslipidemia can reduce incidence and mortality rate by NCDs up to 30%. Dyslipidemia negatively affects every vital organ; liver, kidney, heart, brain, lung and others in number of ways. In short dyslipidemia is defined as disorder of lipoprotein metabolism and it could be either hypolipoproteinemia or hyperlipoproteinemia. Endocrine disorder, poor feeding habit, physical inactivity and other factors are responsible for existence of dyslipidemia. Lipocrinology which studies about interrelationship between lipid metabolism and endocrine function in normal and abnormal condition is getting essential. Currently number of studies explain that dyslipidemia induce endocrine dysfunction and the reverse is also possible. In addition, biochemical assessment of dyslipidemia is used to monitor clinical course and progress of endocrinological diseases. Similarly, biochemical analysis of hormones helps to assess the outcome of antidyslipidemic drugs and prognoses the condition dyslipidemia. Most commonly dyslipidemia coexist with type 2 diabetes, obesity and metabolic syndrome. Abnormal distribution and accumulation fat in the body leads to deranged different hormones and factors secretion like adipokine, thereby contributing to chronic inflammation and lipotoxicity. Therefore, detailed and up-to-date review about lipid metabolism disorder and endocrine function are so essential in medicine and health science to have good service to community