"EVALUATION OF ELEVATED SERUM THYROID-STIMULATING HORMONE (TSH) IN CHILDREN AND ADOLESCENTS: A SINGLE-CENTER STUDY IN URUGUAY."



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INTRODUCTION

- Elevated serum TSH is a common presenting complaint (pc) in pediatric endocrinology outpatient clinic.
- Primary hypothyroidism is the most frequent thyroid disease in children.
- Subclinical hypothyroidism (sHT) predominates in relation to overt hypothyroidism (cHT).
- Definitions and diagnosis made with two thyroid profiles (4-12 weeks):

OBJECTIVES

- Evaluate the prevalence, characteristics and
 - treatment of patients with elevated serum TSH in
 - the pediatric endocrinology outpatient clinic.
- ✓ Pereira Rossel Hospital, Montevideo Uruguay, in a
- $sHT = \mathbf{1} TSH + normal values of free triiodothyronine (T3) and thyroxine (T4).$
- $cHT = \mathbf{1} TSH + \mathbf{1} T3$ and T4.
- The benefit of the use of levothyroxine in sHT is controversial, specially with serum TSH levels less than 10 uUI/ml.

MATERIALS & METHOS

- (BMI), goiter, neurodevelopment, main reason of request serum TSH, serum and treatment with Levothyroxine.

period of time of 6 months. (January to June 2016).

INCLUSION

- Age between 2 15 years.
- Pc: Elevated serum value of

TSH.

 Congenital or secondary hypothyroidism.

EXCLUSION

Do not meet the inclusion criteria.

