



## SLEP SUMMER SCHOOL 2020

Fellow 1. Julio Sotos

A 12-year-old girl consulted to the emergency room with a history of asthenia, dizziness, nausea, and a loss of 1 kg of weight during the last month. 3 days before the presentation she started vomiting and the mother noticed her more asthenic and disoriented.

Patient was transferred to ICU. In the physical examination she was described pale, dehydrated, uncomfortable, Glasgow 15/15, mild dysarthria, low blood pressure (BP) 5-10 percentile, urinary output 2.84 cc/kg/hour and mild oral hyperpigmentation

She was Tanner stage 2. Weight: 32.5 kg Height: 146 cm (19 p, -0.88 SDS) BMI: 15.14 (10 p, -1.31 SDS).

Blood tests showed **Na 102, K 5.1, Cl 71 mmol/L**, glycemia 99 mg/dl, PH 7.34, PCO<sub>2</sub> 30.6, HCOP<sub>3</sub> 16.6, BE -9.3, Creatinine 0.66 mg/dl, Serum Osmolality 225 mOsm/kg, urine Osmolality 800 mOsm/kg, urine electrolytes within normal range, RT-PCR SARS-CoV-2 negative.

Random cortisol was normal (9.6 ug/dl). ACTH (250 ug) test showed cortisol peak response of 10 ug/dl.