

## CASE PRESENTATION

An 18-year-old woman with sweating, palpitation, irritability and menstrual irregularities for about 3 months complained that she could not move her legs in the emergency department. She has had one similar prior episode of severe lower extremity weakness which resolved spontaneously after a few hours. This episode has persisted for the past eight hours at which point he decided to seek treatment. The patient reports recent stress but denies fever, headache and other symptoms of illness. The patient's vital signs are all within normal limits, he is not taking any medications and has no prior medical history.

On exam you note significant weakness in the patient's lower extremities although sensation is normal. The patient is unable to ambulate related to weakness. Upper extremities are spared.

**On physical examination;** Fever 36,7 C, pulse 102 / min, blood pressure 90/60 mmHg, respiration 24 / min, height: 1,70 cm, body weight: 56 kg. S1-S2 is rhythmic, normocardic, no murmur. Lung sounds are common. There is no rebound defense. There is no pretibial edema on extremity faces.

### Routine laboratory tests;

#### Hemogram

Hb: 13,5 g/dl (11,2-15,7)

Htc: 40,6 (34,1-44,9)

WBC: 8,15/mm<sup>3</sup> (4000-10000)

PLT:250 bin(182-369 bin)

MCV: 82/fl (79-94,8)

#### Biochemistry

Glucose: 65 mg/dl

BUN: 36 mg/dl (12-24)

Creatinine: 0,8 mg/dl (0,5-0,9)

ALT: 12 U/L (5-33)

Na:137 mmol/L (136-146)

K:1,7 mmol/L (3,5-5,1)

Cl: 96 mmol/L (101-109)

pH; 7.48, HCO<sub>3</sub>; 30 mEq/L, pCO<sub>2</sub>; 45 mmHg

#### Urine

Density:1016

Ph:5.0

Ketones:Negatif

Glucose: Negatif

Leucocyte: Negatif

Nitrite: Negatif