

## ■ Sun-248 ■

## An uncommon initial presentation of thyrotoxicosis

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In 2019.06.10, 27-year-old man admitted ER with headache, nausea, vomiting. T3 3.20ng/ml, Free T4 4.41ng/dL, TSH 0.001μIU/ml, TBII 0.14IU/L, ESR 24mm/hr, CRP 0.80mg/dL, PT(sec) 12.8s, INR 0.94 For brain evaluation, we performed Brain CT, Brain CT-Willis CT angiography. And both modality showed no remarkable findings. We evaluated inheritance coagulation factor such as Factor V mutation, Anti-Cariolipin Ab IgM & IgG, ANA, Protein C/S. And they were all negative. The patient has sinus tachycardia on electrocardiography. Echocardiography showed sinus tachycardia with no intra-cardiac thrombosis or hypertrophy. But no thyrotoxicosis symptom, thyroid goiter and tenderness. He had been treated Grave's disease during 2011~2012. Symptom occurred again at 2015 in our hospital. So we treated anti-thyroid drug 2015~2018.01. After follow-up thyroid function test, there were no symptom of Grave's disease, and disease was seen resolution. With no symptoms of thyrotoxicosis and normal TBII level, and tiny elevated ESR, we suggest painless thyroiditis with thrombosis in cerebral vein. So we performed 4-vessel angiography in our intervention room. The 4-vessel angiography showed right transverse sinus and sigmoid sinus on cerebral vein system intra-luminal filling defect and partial occlusion of saggital sinus, straight sinus. Suspicious of sinus thrombosis with thyroiditis. So we started enoxaparin 80mg SC q12hr for 7days. After hospitalized to neurosurgery department, we performed thyroid sonography, and showed no increased size and blood supply, no tenderness. Because of 4-vessel angiography, we cannot perform thyroid scan. 2019.06.18 T3 1.80ng/ml, Free T4 2.48ng/dL, TSH 0.03μIU/ml, TBII 0.15IU/L Patient has painless thyroiditis with hypercoagulability cerebral thrombosis state, so we started warfarin, as target INR 1.5~1.7. With symptom relieved, patient discharged. After out-patient clinic follow-up, TFT improved with no symptom for 1 month. 2019.07.11 T3 1.47ng/ml, Free T4 1.70ng/dL TSH 0.04μIU/ml, TBII 0.15IU/L.

