

The patient was a 26-year-old woman. ~~She who~~ presented to a local clinic with palpitations ~~to her nearby clinic, and this resulted in her being diagnosed as,~~ after which Basedow's disease was diagnosed in April 2013. ~~The patients~~ She was ~~first~~ initially treated with thiamazole, but ~~a month later~~ this was ~~altered~~ switched to propylthiouracil (300 mg/day ~~due to the~~) after 1 month because of occurrence of a skin rash. ~~Thanks, at least in part, to~~ After the upward titration ~~dose~~ of propylthiouracil dose was increased to 400 mg/day, her thyroid gland function was stabilized. However, liver ~~disorder~~ dysfunction necessitated ~~a~~ dose reduction to 300 mg/day in July. In October, she visited another clinic ~~because she moved~~ after moving to another place. of residence. Marked ~~deterioration~~ deterioration of liver ~~disorder~~ function was observed (AST/~~ALT:~~ 431/IU/l; ALT: 309 IU/l; total bilirubin: 7.6 mg/dL) ~~was observed, and the~~, so propylthiouracil was ~~replaced with~~ switched to inorganic iodine. She was referred back to ~~and hospitalized in~~ our hospital and admitted in November. Hepatitis screening was negative, ~~with~~ while AST/was 230 IU/l, ALT ~~230/~~ was 223 IU/l, total bilirubin was 10.5 mg/dL, HRT was 21%, and NH₃ was 107 µg/dL. ~~Chest~~ CT showed hepatic liver atrophy, ~~therefore a diagnosis of hepatitis and~~ fulminant hepatitis was ~~done~~ diagnosed. Despite plasma exchange, hepatic liver atrophy progressed and hepatic encephalopathy occurred. ~~Therefore, we~~ We considered that it was difficult to avoid further progression of hepatic

necrosis, ~~and~~. Accordingly, segmental liver transplantation from ~~live~~ a living donor was performed. Engraftment was successful without rejection. ~~A~~ One week later, she underwent total thyroidectomy ~~was performed~~ for Basedow's disease. Subsequently, ~~her~~ the patient's liver function was stable ~~and~~. She commenced levothyroxine replacement therapy ~~was used~~. ~~Then, she became an outpatient, and was discharged from~~ hospital. Physicians should keep in mind that ~~hepatitis-fulminant~~ may hepatitis can occur in ~~a patient~~ patients treated with propylthiouracil.