

## A Patient With Autoimmune Thyroiditis: From Hyperthyroid into Hypothyroid (Graves' Disease into Hashimoto's Thyroiditis?)

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We reported a male, 29 years old, Indian ethnic with chief complain sometimes felt a little bit hot, sweating, palpitation, and got confused with his illness. He already told by physician from his home country that he had Graves' Disease since 3 years ago and treated with Neomercazole and propranolol, but since the last 3 months, he was told that he had Hashimoto's Thyroiditis and got Levothyroxine 50 mg/day. Physical examination revealed no abnormalities. Laboratory examination revealed with slightly high FT4, and positive anti-Tg Ab and anti-TPO Ab. Ultrasonography examination revealed suspect of thyroiditis (Hashimoto?). He refused to performed another ultrasonography and fine needle aspiration biopsy. The patient diagnosed with suspected Graves' Disease which turned into Hashimoto's Thyroiditis (history of hyperthyroid followed by hypothyroid with positif laboratory markers for Hashimoto's Thyroiditis), with differential diagnosis: hyperthyroid state followed by hypothyroid state in Hashimoto's Thyroiditis (slowly progress of Hashimoto's Thyroiditis), and Hypothyroid state of Graves' disease. He was treated with Levothyroxine 25 mg/day, and followed up for clinical and laboratory examination every 6 weeks.

**Key Words:** Hyperthyroid, Hypothyroid, Graves' Disease, Hashimoto's Thyroiditis