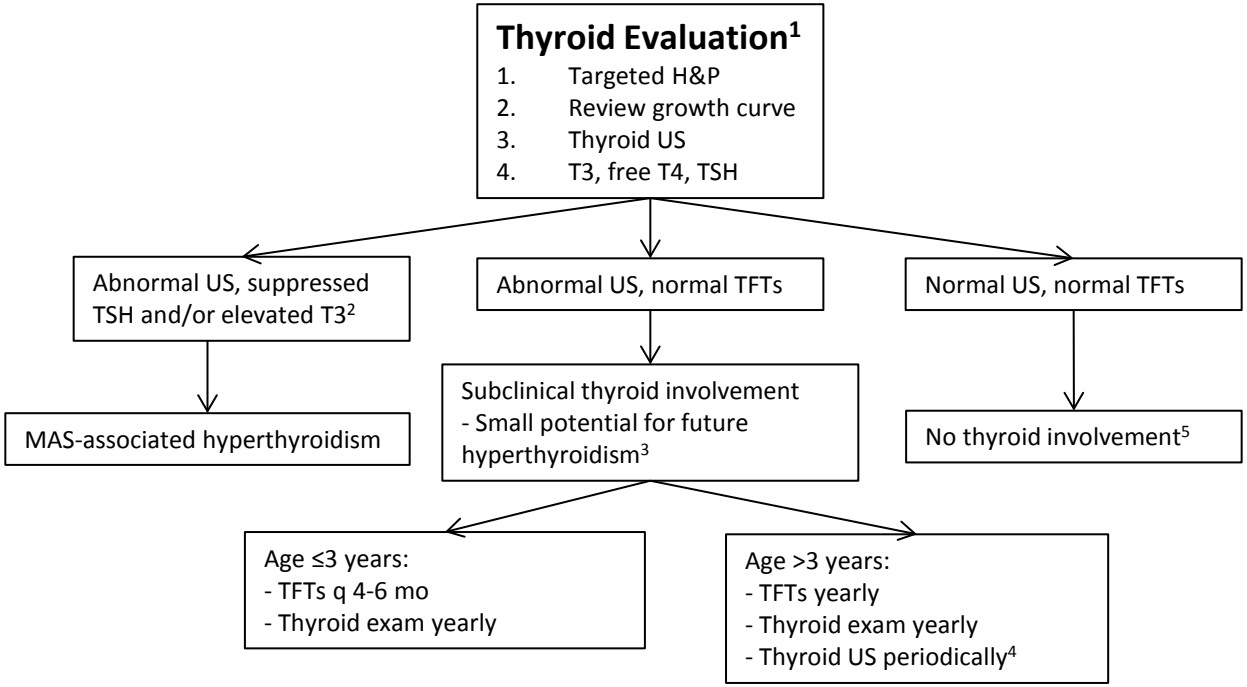
from Boyce & Collins [2012]



[1]To be performed at initial presentation in all patients suspected of having MAS, regardless of clinical symptoms. [2]The primary biochemical abnormality in MAS-associated hyperthyroidism is elevated T3 production, which may occur in the setting of normal thyroxine and free T4. In the absence of frank hyperthyroidism, an elevated T3/T4 ratio is suggestive of autonomous T3 production in a patient suspected of having MAS . [3]A small percentage of patients with radiologic disease and normal TFT's will go on to develop hyperthyroidism at some point during childhood. [4]MAS-associated thyroid disease is correlated with a slight increased risk of thyroid cancer. Patients with radiologic disease should be monitored with yearly physical exam and thyroid US every 2-5 years. [5]Absence of biochemical or radiologic thyroid abnormalities after age 2 years effectively rules out MAS-associated thyroid disease, and no further monitoring is required.

References

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Legend

H&P = history & physical exam; MAS = McCune-Albright syndrome; mo = months; q = each; T3 = triiodothyronine; T4 = thyroxine; TFTs = thyroid function tests; TSH = thyroid stimulating hormone; US = ultrasound