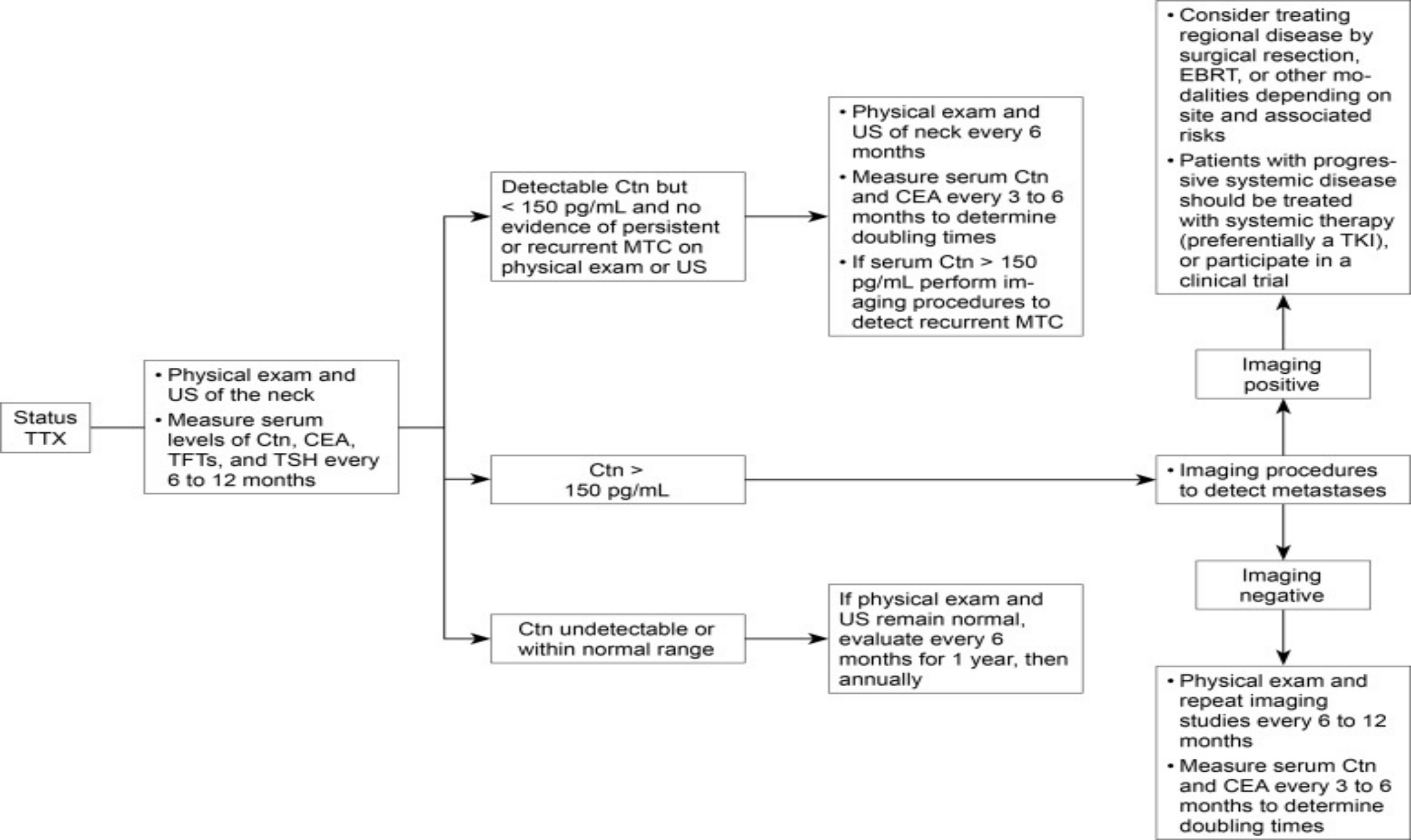
Status TTX
• Physical exam and US of the neck
• Measure serum levels of Ctn, CEA, TFTs, and TSH every 6 to 12 months
Detectable Ctn but < 150 pg/mL and no evidence of persistent or recurrent MTC on physical exam or US
• Physical exam and US of neck every 6 months
• Measure serum Ctn and CEA every 3 to 6 months to determine doubling times
• If serum Ctn > 150 pg/mL perform imaging procedures to detect recurrent MTC
Ctn > 150 pg/mL
Ctn undetectable or within normal range
If physical exam and US remain normal, evaluate every 6 months for 1 year, then annually
• Imaging procedures to detect metastases
Imaging positive
• Consider treating regional disease by surgical resection, EBRT, or other modalities depending on site and associated risks
• Patients with progressive systemic disease should be treated with systemic therapy (preferentially a TKI), or participate in a clinical trial
Imaging negative
• Physical exam and repeat imaging studies every 6 to 12 months
• Measure serum Ctn and CEA every 3 to 6 months to determine doubling times