TSH elevated\*\*\*

eeeeelevatednormal

TSH normal\*

**Measure TSH** (see box 1)

TSH 4-10 mIU/L\*\*

fT4 normal

TSH > 10 mIU/L

fT4 normal

No further management

fT4 low

\*If overt symptoms or pituitary disease do a fT4 to exclude secondary hypothyroidism

\*\*Similar results after repeating in 1-3 months

\*\*\* measure fT4

# consider a trial of treatment

Consider measuring TPO Abs

Negative

Positive

#

Start treatment with LT4

**Figure 1:** Algorithm for the management of a patient with hypothyroidism

Adjust dose of LT4

#

Pregnant

Symptomatic

CVD or increased risk for CVD

Mood disorder/dementia

Yes

No

Check TSH in 3-6 months

Check TSH in 6-12 months

No

Measure TSH in 4-8 weeks

Yes

TSH within reference range