



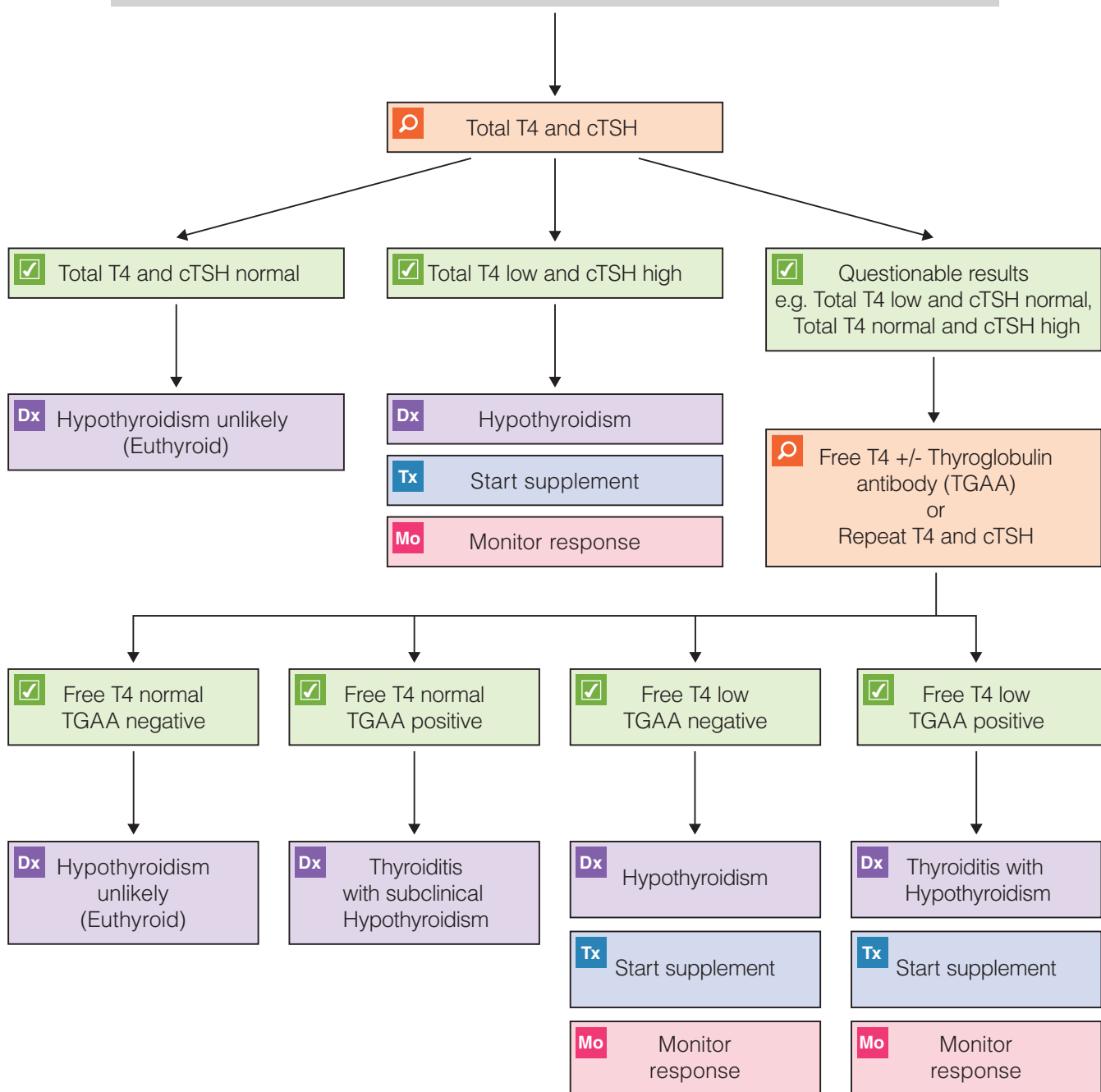
# Hypothyroidism in Dogs

## Diagnosis

Examination
Tx Treatment
Mo Monitor  
Dx Diagnosis
Result

### Check

- Check history, clinical signs, CBC or Blood chemistry for evidence that supports the possibility of Hypothyroidism without evidence of non-thyroid illness.
- Avoid using drugs which may affect thyroid hormone levels.



# Diagnosis and Treatment of Hypothyroidism

## History and clinical signs

Metabolic signs:

Decreased activity, Weight gain, Exercise intolerance

Dermatologic change:

Alopecia, Rough hair coat, Seborrhea, Pyoderma, Pigmentation

## CBC and Blood chemistry

CBC:

Normocytic normochromic nonregenerative anemia

Blood chemistry:

Hypertriglyceridemia, Hypercholesterolemia, Hyperglycemia, Increased creatine phosphokinase level

## Dx Diagnosis (see front page)

## Treatment

Levothyroxine 10-20 µg/kg/sid-bid

## Monitor

Treatment response:

Metabolic signs improve within days to weeks. Dermatologic signs improve within 2-3 months.

Anemia improves within 3 months. Hyperlipidemia improves within weeks.

T4 monitor:

Targeted T4 is at the high end or just above the reference range at 4-6 hours after thyroid hormone supplementation.

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