

The diagnosis of hypothyroidism in the dog

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OBJECTIVES

Realize a completed and actualized bibliographic review of the diagnosis of hypothyroidism in the dog with the different parameters that can be analysed and the difficulties that emerge in the diagnosis

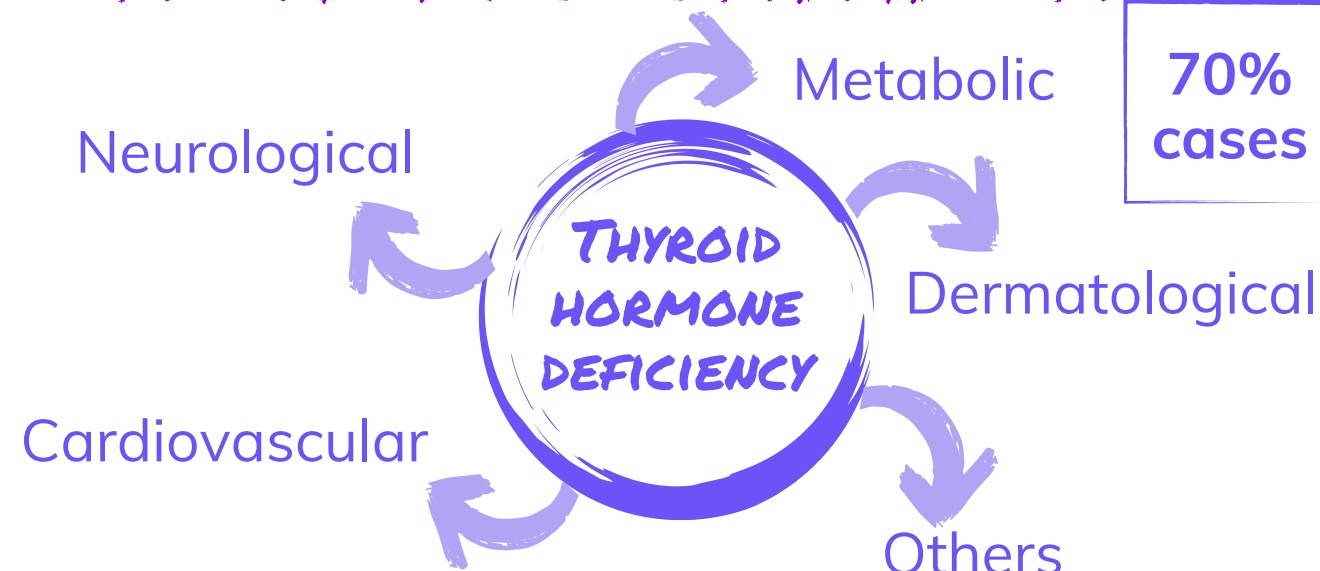
INTRODUCTION

TYPES OF HYPOTHYROIDISM

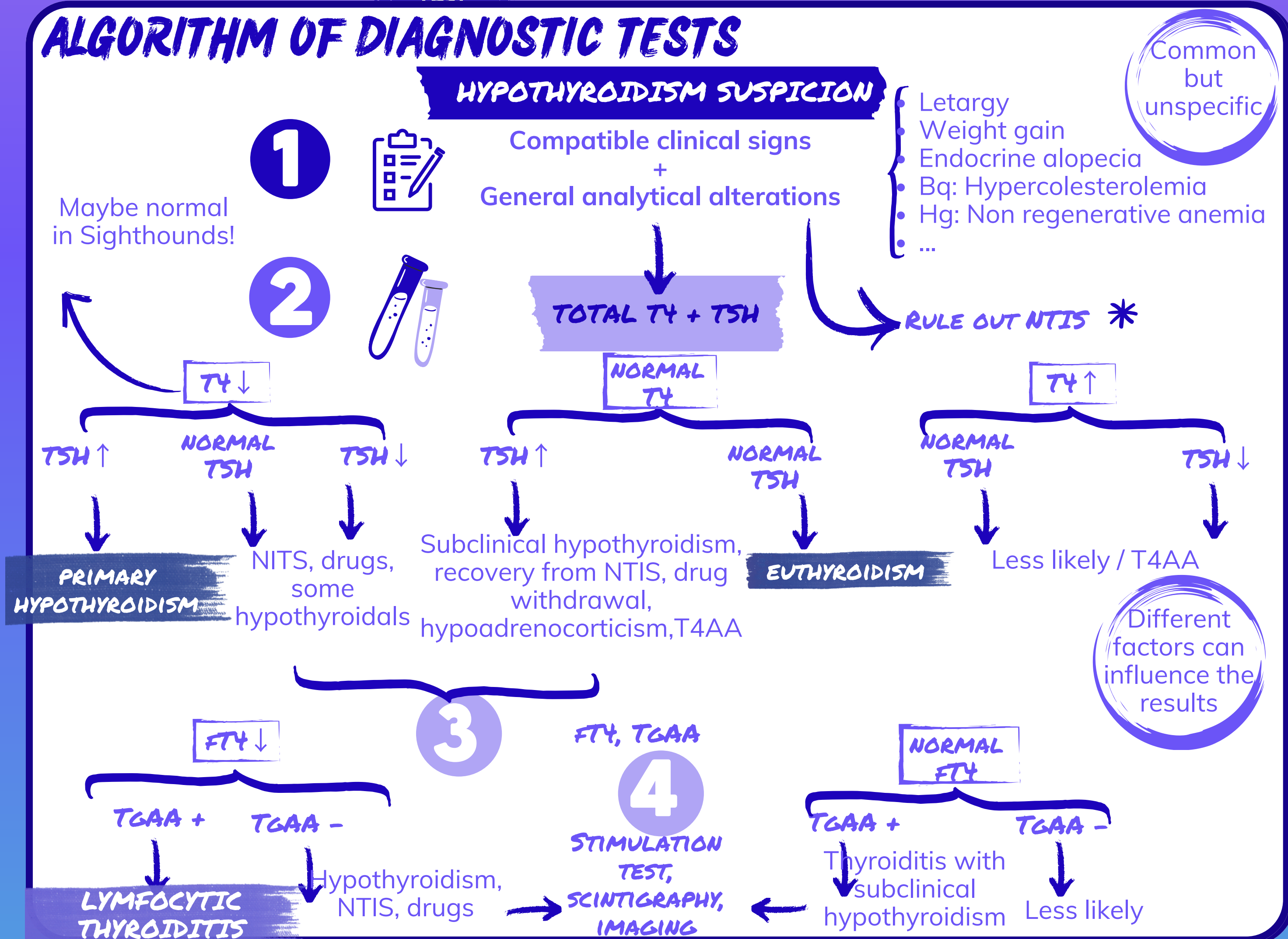
PRIMARY	SECONDARY	TERCIARY
More frequent	Rare	Very rare
Thyroid anomaly	↓ TSH secretion	↓ TRH secretion
T4 ↓, TSH ↑ (+antibodies)	TSH ↓ / undetectable	TSH ↓ that ↑ post adm TRH

LOW
SENSIBILITY
TEST

CLINICAL PRESENTATION



ALGORITHM OF DIAGNOSTIC TESTS



CONCLUSIONS

- This work has provided an overview of the complexity involved in diagnosing hypothyroidism in dogs. A large number of factors and situations can alter thyroid test results without necessarily indicating hypothyroidism, making it essential to evaluate the results cautiously and always consider each patient's specific circumstances. Furthermore, the limitations of the tests necessitate combining them and interpreting them in conjunction with the overall clinical context.