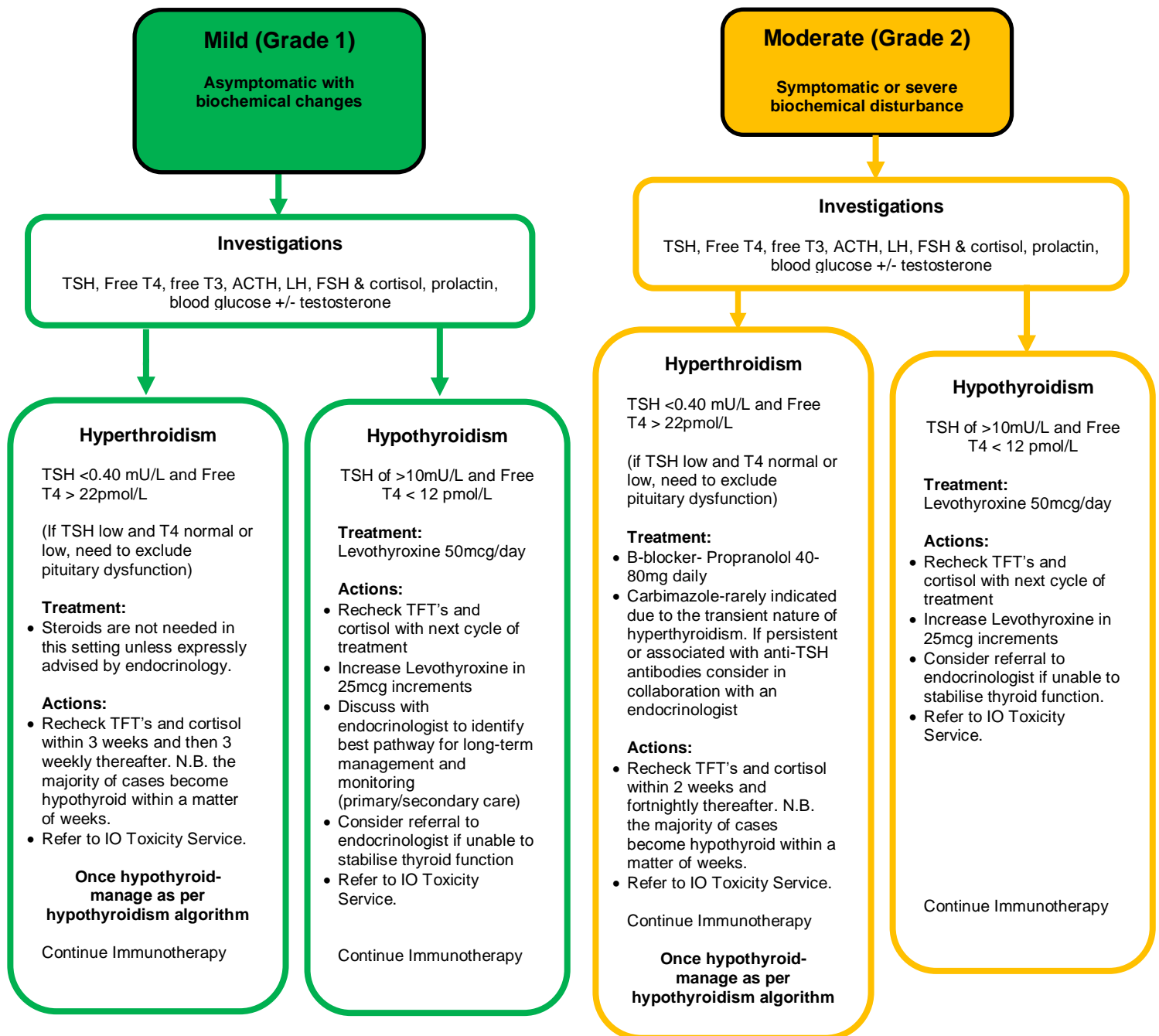


## Immune-Related Adverse Event: Endocrinopathies-Thyroid Dysfunction

Immunotherapy has been causatively associated with a number of endocrinopathies, including hypo/hyperthyroidism. Observational studies have shown that there is a typical pattern of thyroid specific biochemical disturbance presenting with asymptomatic hyperthyroidism before return to normal levels for a brief period. This is nearly always followed by the development of, in some cases profound, hypothyroidism, which is frequently persistent and requires long-term thyroid replacement. Smaller subsets of patients develop isolated hypothyroidism over a period of weeks. Both groups appear to require long-term replacement in a majority of cases. These guidelines are in the basis of a clinically well patient and not experiencing thyroid disturbance due to being clinically unwell, if this is a concern, Endocrinology advice should be sought.



**Interrupt SACT immunotherapy until discussed with Acute Oncology Team. Please contact on-call oncology/haematology team for advice. Ensure that the patient has monitoring/follow up planned with their oncology/immuno-oncology team.**