

10. Thyroid

PATIENTS WITH RISK FACTORS

Annually:

- 1) Measure T4 and TSH
- 2) Palpate neck

NB Risk of secondary thyroid malignancy following radiotherapy to field including thyroid is 6-16 times that expected

RISK FACTORS

- Radiotherapy to field including thyroid (including neck, spine, mantle, mediastinum, TBI)
- MIBG
- Busulphan based conditioning for BMT

IF THYROID FUNCTION ABNORMAL

- 1) Discuss with / refer to Endocrinologist

Treatment is indicated if:

- TSH raised (on 2 successive occasions) and T4 normal - treat with thyroxine in dose that will suppress TSH
- TSH raised and T4 low - treat with thyroxine in dose that will suppress TSH and return T4 to high normal level

NB Risk of malignant change thought to be increased if TSH is elevated

IF PALPATION ABNORMAL

- 1) Perform ultrasound scan of neck
- 2) Refer to Endocrinologist

NB Fine needle biopsy by Endocrine Surgeon likely to be needed

REFERENCES

- Specific**
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