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| **Hyperthyroidism** | |
| **Causes** | * Thyroid gland produces too much thyroxine * Overactive thyroid |
| **Symptoms** | * Increased metabolism * Rapid heart beat * Unexplained weight loss * Increased appetite * Fatigue * Sweating * Anxiety * Protruding eyeballs |
| **Treatment** | * Surgery to remove part of the thyroid gland * Drugs that block the thyroids’ use of iodine |
| **Diseases** | Graves’ disease = immune system attacks thyroid |

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| **Hypothyroidism** | |
| **Causes** | * Lack of iodine available to the thyroid gland * Thyroid not producing enough thyroxine |
| **Symptoms** | * Slow heart rate * Unexplained weight gain * Fatigue * Lack of energy * Intolerance to cold |
| **Treatment** | * Synthetic hormones containing iodine |
| **Diseases** | Hashimoto’s disease |