ACTIVE LEARNING TEMPLATE: *System Disorder*

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DISORDER/DISEASE PROCESS Hyperthyroidism

REVIEW MODULE CHAPTER 45

Alterations in Health (Diagnosis)

risk for impaired electrolyte imbalance
decreased activity

Pathophysiology Related to Client Problem

hyperactivity of the thyroid gland with an increase in synthesis and release of the thyroid hormone

Health Promotion and Disease Prevention

reduce caffeine and smoking cessation

ASSESSMENT

Risk Factors

20-40 years old
female more than male
family history

Expected Findings

bruits upon ausculation
goiter

Laboratory Tests

TSH levels
T3/T4 test

Diagnostic Procedures

Thyroid scan/ultrasound

SAFETY CONSIDERATIONS

airway obstruction (only if having surgery)

if patient is sweating a lot, change linens often

PATIENT-CENTERED CARE

Nursing Care

adequate oxygen
give fluids to replace fluid/electrolytes lost
monitor for dysrthmias

Therapeutic Procedures

surgery
high calorie diet
radioactive idone therapy

Medications

antithyroid drugs

iodine

beeta adrenergic blockers

Client Education

Patient to situp to get adequate fluid drainage

regular exercise

Interprofessional Care

endocrinologist

endocrine surgeon

preventative medicine

Complications

atrial fibrillation

osteoporosis

acute thyrotoxicosis