



## 55a Pathology: Endocrine System



# 55a Pathology: Endocrine System

## Class Outline

5 minutes	Attendance, Breath of Arrival, and Reminders
10 minutes	Lecture:
25 minutes	Lecture:
15 minutes	Active study skills:
60 minutes	Total

# 55a Pathology: Endocrine System

## Class Reminders

### Assignments:

- 55a Review Questions (due before class starts) **DUE NOW!!**
- 55a End of Second Quarter (you will receive a Quarterly Report within 2 weeks)
- 62a Deep Tissue Outside Massages (due before class starts)

### Quizzes and Exams:

- 57a Quiz (45a/b, 47a, 48a, 49a, 50a/b, 51a/b, 52a, 54a, 55a, and 56a/b)
- 60a Exam

### Practical Exams:

- 62b Deep Tissue: Touch Assessment

### Preparation for upcoming classes:

- 55b Full SOAP Notes with date, first/last names; signatures and date on intake form
- 55b Deep Tissue: Technique Review and Practice – Posterior Upper and Lower Body
- 56a/b Internship: ***This class cannot be made up in the make-up room.*** To schedule a sit-in, please contact the Student Administrator. See Packet pages I-40ff.
- 58a Clinical Assessment: Structural Anatomy (Part I)



# Classroom Rules

**Punctuality** - everybody's time is precious

- Be ready to learn at the start of class; we'll have you out of here on time
- Tardiness: arriving late, returning late after breaks, leaving during class, leaving early

**The following are not allowed:**

- Bare feet
- Side talking
- Lying down
- Inappropriate clothing
- Food or drink except water
- Phones that are visible in the classroom, bathrooms, or internship

*You will receive one verbal warning, then you'll have to leave the room.*



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Packet E - 133

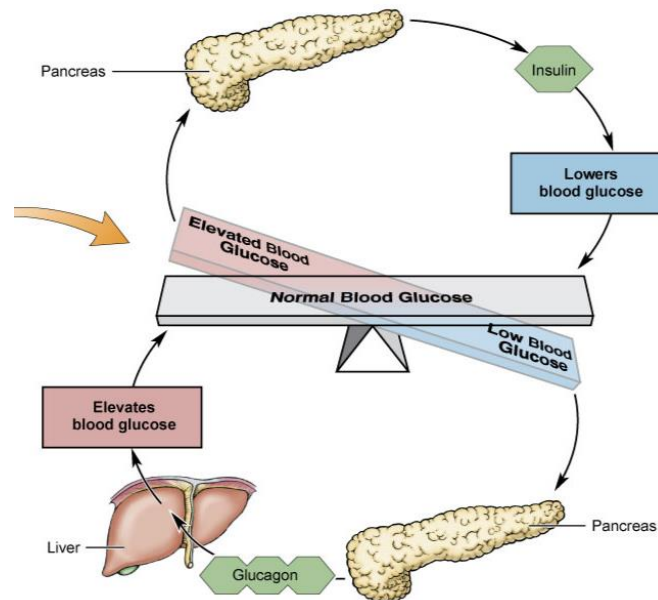
# Endocrine System Conditions

**Type 1 diabetes mellitus** Autoimmune disorder resulting in hyperglycemia, caused by exposure to certain drugs or chemicals, or complications with certain types of infections. Insulin deficiency due to destruction of insulin-producing beta cells in the pancreas.



# Endocrine System Conditions

**Type 2 diabetes mellitus** Disorder resulting in hyperglycemia. Caused by pro-diabetes behavior and genetic predisposition. Can be controllable by diet, exercise, and medication, but many patients eventually benefit from supplementing insulin.



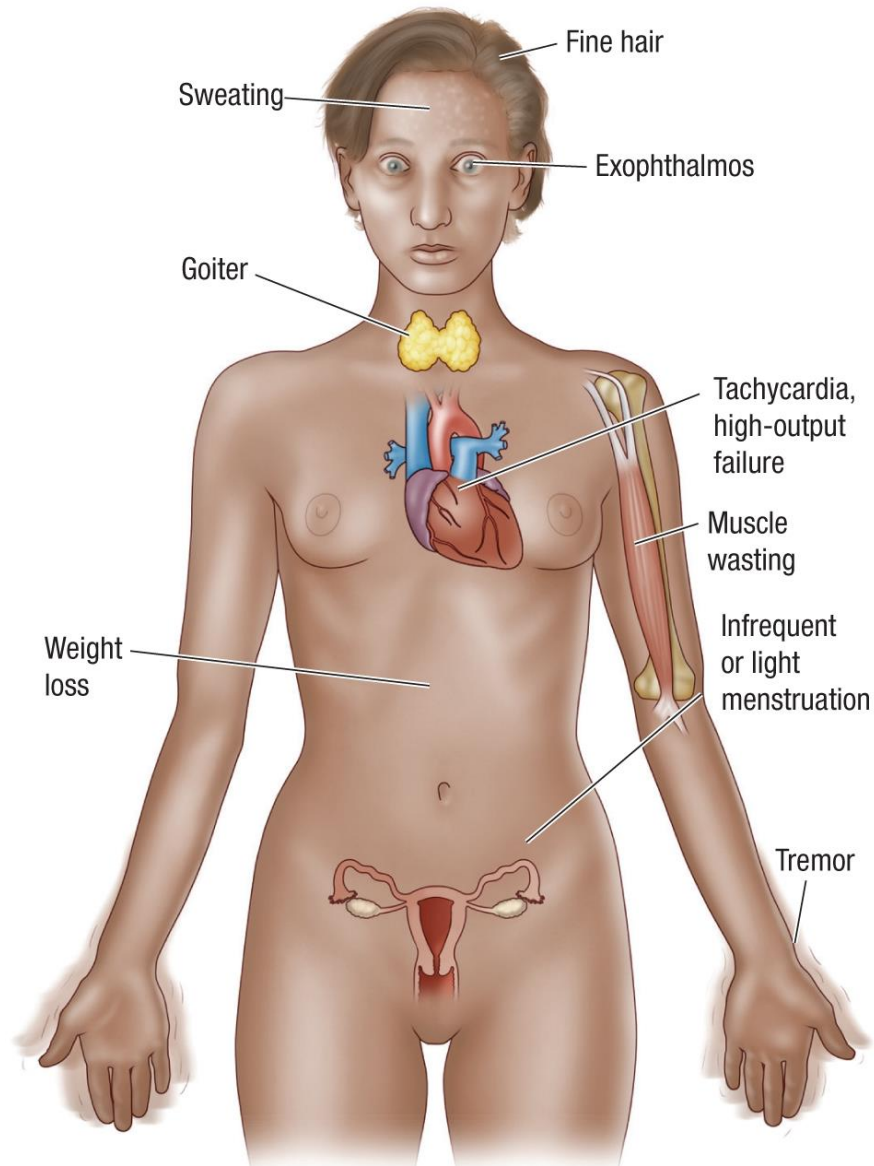


# Endocrine System Conditions

**Hyperthyroidism** Thyroid gland produces excessive levels of the hormones that stimulate the conversion of fuel into energy. Signs and symptoms are related to having too much energy, including: restlessness, sleeplessness, irritability, and unintended weight loss.



# Hyperthyroidism

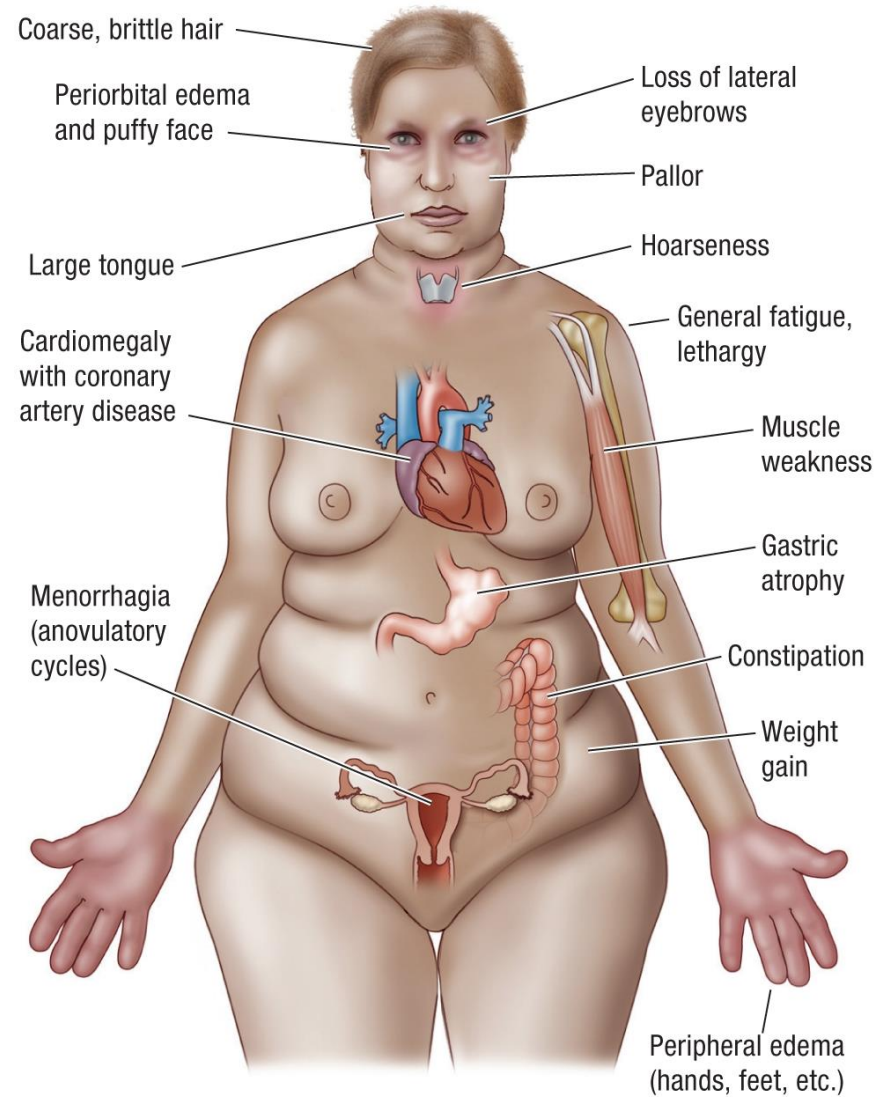




# Endocrine System Conditions

**Hypothyroidism** Thyroid gland produces inadequate levels of the hormones that stimulate the conversion of fuel into energy. Signs and symptoms may include weight gain, fatigue, depression, and sluggish digestion.

# Hypothyroidism





# Endocrine System Conditions

**Metabolic syndrome** Collection of signs that indicate a high risk of serious diseases such as diabetes, heart attack, atherosclerosis, and stroke. Involves having, simultaneously, 3 of these 5 risk factors: high fasting blood glucose, abdominal obesity, elevated triglyceride levels, low HDL levels, and hypertension.



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