

Graded Project

Medical Terminology

INTRODUCTION

As a member of the healthcare field, you need to understand, pronounce, spell, and define common medical words. This project will grade you on your pronunciation of medical terminology.

PROCEDURE

Your graded project will be based on medical pronunciation. You'll read the two medical scenarios listed as follows and submit an audio file for grading.

DICTATION

■ SCENARIO I. DIGESTIVE SYSTEM/GASTROENTEROLOGY

GASTRIC ULCER WITH MASSIVE UPPER GASTROINTESTINAL BLEEDING

A 58-year-old female was rushed to the emergency department following three bouts of hematemesis and a single bout of melena. On examination, she was tachycardic and hypotensive at 121 beats per minute and 90/50 mmHg, respectively. She manifests pallor with no icterus. She is eupneic and normothermic, but reports intermittent periumbilical tenderness. Medication history reveals occasional intake of nonsteroidal anti-inflammatory drug, naproxen 250 mg, for arthritis management.

On admission, her complete blood count revealed a hemoglobin level of 5.1 g/dL, hematocrit of 32%, prolonged prothrombin time, and a positive guaiac test. All other laboratory studies were within normal limits.

Based on these clinical presentations, intravenous fluids were administered and three bags of packed red blood cells were transfused. A gastroenterologist was consulted and an upper gastrointestinal endoscopy was performed, which revealed a 1 × 1 cm hemorrhagic gastric ulcer. The bleeding ulcer was cauterized and biopsies were taken for *Helicobacter pylori*, the results of which are negative. Proton pump inhibitors were started and she was discharged after two days in stable condition.

■ SCENARIO II. DIABETES/SUBSEQUENT DIAGNOSES

UNCONTROLLED NONINSULIN-DEPENDENT DIABETES MELLITUS

A 58-year-old female with noninsulin-dependent diabetes mellitus was seen in her primary care provider's office with reports of diminished sensation in both feet and occasional blurred vision. The client admits to problems adhering to her prescribed dietary and medication regimen. She doesn't exercise regularly, takes her medications only when she is reminded, and doesn't watch her diet. She denies dyspnea, polyphagia, polydipsia, polyuria, and diaphoresis.

The client had a history of noninsulin-dependent diabetes mellitus for 15 years and dyslipidemia and hypertension for 8 years. She had laser photocoagulation for retinopathy in the past year. She is on metformin and glipizide for control of hyperglycemia, hydrochlorothiazide and Ramipril as antihypertensives, and atorvastatin for hyperlipidemia.

Upon examination, her blood pressure is 185/98 mmHg, fasting blood glucose is 265 mg/dL, hemoglobin A1C is 9%, serum blood urea nitrogen and creatinine at 53 mg/dL and 4.4 mg/dL, respectively. Urinalysis and 24-hour urine collection uncovered trace protein and urinary albumin excretion rate of 255 mg/day, leading to a diagnosis of microalbuminuria.

Nerve conduction studies and electromyography confirmed diabetic neuropathy. Decreased visual acuity and new extensive reticular vascular growth were revealed through ophthalmologic exam.

Based on the client's typical presentations, the final medical impression and diagnosis is uncontrolled insulin-dependent diabetes mellitus complicated by hypertension, dyslipidemia, neuropathy, retinopathy, and microalbuminuria.

GRADING

- Each scenario will be worth a maximum of 50 points.
- Each medical term will be worth 2 points.

SUBMITTING YOUR PROJECT

You should submit your audio files online. Follow this procedure to submit your project online:

1. On your computer, save your audio files.
2. Go to <http://www.pennfoster.edu>, and log on as a student.
3. Go to Student Portal.
4. Click **Take Exam** next to the lesson you're working on.
5. Enter your email address in the box provided. (Note: This information is required for online submission.)
6. Attach your file as follows:
 - a. Click the **Browse** box.
 - b. Locate the file you wish to attach.
 - c. Double-click the file.
 - d. Click **Upload File**.
7. Click **Submit Files**.