

# Medical Terminology

## Endocrine System – Diseases and Disorders

Name \_\_\_\_\_ Period \_\_\_\_\_

A. Kelly is exhibiting neuromuscular \_\_\_\_\_ irritability, tetany \_\_\_\_\_, tingling noted around the mouth and in her feet, dry skin \_\_\_\_\_ and fingernails \_\_\_\_\_, more prone to cavities \_\_\_\_\_ (you suspect weak tooth enamel), and complaining of irregular heartbeats. An EKG \_\_\_\_\_ is performed and cardiac \_\_\_\_\_ arrhythmias \_\_\_\_\_ are noted. Her blood work is normal, except for hypocalcemia \_\_\_\_\_. She is treated with supplemental calcium and Vitamin D.

*The disorder is:* \_\_\_\_\_

*The hormone of hyposecretion is:* \_\_\_\_\_

B. Luke, age 47, is complaining of \_\_\_\_\_ his shoes and rings not fitting anymore. He says he has developed large gaps between his teeth \_\_\_\_\_. He mentioned that he had had difficulty chewing \_\_\_\_\_ and difficulty swallowing \_\_\_\_\_ and has gained 20 pounds \_\_\_\_\_ in the last 6 months \_\_\_\_\_. He is a diaphoretic \_\_\_\_\_ and he has oily \_\_\_\_\_ skin \_\_\_\_\_. A CT scan \_\_\_\_\_ reveals a tumor \_\_\_\_\_ in the pituitary gland \_\_\_\_\_, which will be surgically removed.

*The disorder is:* \_\_\_\_\_

*The hormone of hypersecretion is:* \_\_\_\_\_

C. Autumn, age 30, has had noticeable weight gain resulting in purple striae \_\_\_\_\_ along the abdomen \_\_\_\_\_. She has increased deposits of adipose \_\_\_\_\_ tissue in the face (moon face), the shoulders (buffalo hump), neck and trunk. She states that when she cuts herself, it takes “forever” to heal. She complains of \_\_\_\_\_ an irregular heartbeat as well. A physical examination \_\_\_\_\_ indicates hypertension \_\_\_\_\_. Her blood work reveals hypernatremia \_\_\_\_\_, hypokalemia \_\_\_\_\_, and hyperglycemia \_\_\_\_\_. A urine test \_\_\_\_\_ reveals glucosuria \_\_\_\_\_. Surgery is recommended to remove the involved glands which are above the kidneys \_\_\_\_\_.

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D. Timothy, 6 months old, is brought into the doctor for an office visit \_\_\_\_\_. The parents, who were thrilled with their “good baby,” are now concerned that something is wrong. The child’s tongue \_\_\_\_\_ protrudes from the mouth \_\_\_\_\_ and jaundice \_\_\_\_\_ is present. Because of the tongue, respirations seem noisy and difficult \_\_\_\_\_. The forehead \_\_\_\_\_

\_\_\_\_\_ is short and puffy \_\_\_\_\_. The child is generally inactive and sleeps excessively. The child has a dull expression. The skin \_\_\_\_\_ is cold \_\_\_\_\_ to touch and mottled in appearance. Blood work reveals that the child should have supplemental thyroid \_\_\_\_\_ medication.

*The disorder is:* \_\_\_\_\_

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- E. Duane, age 28, is hospitalized for this eighth kidney stone \_\_\_\_\_ this year. He is also complaining of \_\_\_\_\_ having to urinate large amounts of urine \_\_\_\_\_ frequently, bone tenderness \_\_\_\_\_ and muscle weakness \_\_\_\_\_. His blood work is unremarkable, except for hypercalcemia \_\_\_\_\_. It is recommended that he have surgery to remove his parathyroid glands \_\_\_\_\_.

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- F. Rebecca, age 33, states she has lost a lot of weight in the past 6 months \_\_\_\_\_. She claims this is surprising due to her voracious appetite. She complains of her heart racing in her chest \_\_\_\_\_, difficulty concentrating and nervousness. She claims that she can no longer tolerate heat, even though she grew up in New Zealand. Her eyes are protruding, a condition called \_\_\_\_\_. Examination reveals an enlarged thyroid gland \_\_\_\_\_. Treatment would include anti-thyroid drugs and possibly surgery to remove part of the thyroid gland.

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- G. Brittany, age 8, complains of \_\_\_\_\_ arm and leg pains. She is 12 inches taller than most children her age. Treatment involves the discovery of the underlying cause, such as a tumor \_\_\_\_\_ in the pituitary gland \_\_\_\_\_.

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- H. Jarom, age 17, is complaining of frequent urination \_\_\_\_\_, fatigue, dry mouth \_\_\_\_\_, dizziness \_\_\_\_\_ and polydipsia \_\_\_\_\_ and a craving for cold water. He is hospitalized so record his intake and output to obtain lab values. In a 24-hour period, he voided \_\_\_\_\_ 7 liters of dilute urine and drank 8.5 liters of fluid. His blood pressure \_\_\_\_\_ was an average of 72/36. Treatment involves discovering the cause, possibly a tumor in the pituitary gland.

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