Endocrinology

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|  |  |  | U |  |  |  | 4  H |  | H |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5  E |  |  |
|  |  |  | L |  |  |  | Y |  | Y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | N |  |  |
|  | 6  T |  | I |  |  |  | P |  | R |  |  |  |  |  | 7  E |  |  |  |  |  |  |  |  |  |  |  | D |  |  |
|  | H |  | N |  |  |  | E |  | O |  |  |  |  |  | N |  |  |  |  |  |  |  |  |  |  |  | O |  |  |
| 8  H | Y | P | O | T | H | Y | R | O | I | D | I | S | M |  | D |  | 9  H |  |  |  |  |  |  |  |  |  | C |  |  |
|  | R |  | V |  |  |  | A |  | D |  |  |  |  |  | O |  | Y |  | 10  A |  |  |  |  | 11  D |  |  | R |  |  |
|  | O |  | E |  |  | 12  L | D | D | S |  |  |  |  |  | C |  | P |  | D |  |  |  |  | I |  |  | I |  |  |
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|  | L |  | S |  |  |  | O |  |  |  | S |  | 16  D |  | E |  | H |  | A |  | E |  |  | T |  |  | A |  |  |
|  | A |  | E |  |  |  | C |  | 17  P | I | T | U | I | T | A | R | Y | G | L | A | N | D |  | I |  |  | N |  |  |
|  | N |  |  |  |  |  | O |  |  |  | E |  | A |  | L |  | R |  | M |  | A |  |  | C |  |  | C |  |  |
|  | D |  |  | 18  O | V | A | R | Y |  |  | S |  | B |  | O |  | O |  | E |  | L |  |  | K |  |  | R |  |  |
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| **Across**  **1.** Test of choice for hypoadrenocorticism  **8.** Weight gain on stable diet; Heat-seeking; Lethargy  **12.** Most sensitive test for Cushing's  **15.** Relative decrease of insulin (tissues are less sensitive)  **17.** Gives directions to the other endocrine glands  **18.** Female reproductive organ  **19.** Functional tumor of pancreatic B cells  **20.** Secretes corticosteroids and mineralocorticoids  **21.** Controls the body's calcium levels  **22.** Addison's Disease (insufficient production of glucocorticoids/mineralcorticoids) | **Down**  **2.** Syrup on gums; IV glucose support until normalized  **3.** Is the body's normal response to illness  **4.** Cushing's Syndrome (excess cortisol in body)  **5.** Maintains glucose homeostasis  **6.** Secretes Thyroxine (T4) and Calcitonin  **7.** "Rat tail"; Hyperpigmentation; Dry coat/excess shedding  **9.** Weight loss with polyphagia; vocalizing/behavior change; thyroid nodule  **10.** "Fight or Flight" magnification  **11.** Characterized by ketonuria and metabolic acidosis  **13.** Located cranial to each kidney  **14.** Male reproductive organ  **16.** Absolute lack of insulin production |

   Pituitary Gland       Thyroid Glands       Parathyroid Glands       Adrenal Glands       Endocrine Pancreas       Ovary       Testes       Hypothyroidism       Endocrine Alopecia       Euthyroid Sick       Hyperthyroidism       Diabetes 1       Diabetes 2       Diabetic Ketoacidosis       Insulinoma       Insulin overdose       Hypoadrenocorticism       Hyperadrenocorticism       LDDS       ACTH Stimulation Test       Adrenal Medulla       Adrenal Cortex