

Section XI – Endocrine System

The endocrine system consists of glands that help to produce hormones that go into the blood stream.

<u>Medical Word</u>	<u>Meaning</u>
<u>Combining Form</u>	
acr/o	extremities
aden/o	glands
adrenal/o, adren/o	adrenal glands
anter/o	front, anterior
poster/o	posterior, back, behind
pancreat/o	pancreas
thyroid/o, thy/o	thyroid
thym/o	thymus
ur/o	urine
gluc/o, glyc/o	glucose, sugar
lith/o	stone
<u>Suffixes</u>	
-genesis, gen	producing, forming
-ism	condition
-cele	hernia, swelling
-megaly	enlargement
-edema	swelling
-lith	stone
-lysis	destruction, separation, loosening
-dipsia	thirst
<u>Prefixes</u>	
hyper-	excessive
hypo-	under, below

Medical Terms

Thyroid gland (thyroid/o)

hyper/thyroid/ism – condition of excessive secretion of the thyroid gland

thyroid/o/tomy – incision of the thyroid gland

thyroid/ectomy – excision of the thyroid gland

Pancreas (pancreat/o)

pancreat/oma – tumor of the pancreas

pancreat/o/lith – stone in the pancreas

pancreat/o/pathy – disease of the pancreas

Sugar, glucose (gluc/o, glyc/o)

glyc/o/gen – producing sugar

hyper/glyc/emia – excessive amount of glucose in the blood

Diabetes – disease characterized by excessive urination and high blood sugar. Insulin is used to reduce the amount of glucose.

poly/uria – excessive urination

poly/dipsia – excessive thirst

Abbreviations

IDDM insulin dependent diabetes mellitus

NIIDM non- insulin dependent diabetes mellitus

I&O intake and output

ETOH alcohol

Worksheet – Section XI – Endocrine System

Complete the following matching.

- | | | | |
|-----------|------------|----|--------------------|
| _____ 1. | acr/o | A. | abnormal condition |
| _____ 2. | aden/o | B. | back, behind |
| _____ 3. | anter/o | C. | blood |
| _____ 4. | dermat/o | D. | calcium |
| _____ 5. | hidr/o | E. | extremities |
| _____ 6. | poster/o | F. | fixation |
| _____ 7. | hypo- | G. | front |
| _____ 8. | thyroid/o | H. | gland |
| _____ 9. | toxic/o | I. | many, much |
| _____ 10. | -uria | J. | near, besides |
| _____ 11. | neur/o | K. | nerve |
| _____ 12. | radi/o | L. | pancreas |
| _____ 13. | -lith | M. | producing, forming |
| _____ 14. | -emia | N. | poison |
| _____ 15. | -gen | O. | radiation, x-ray |
| _____ 16. | -iasis | P. | skin |
| _____ 17. | para- | Q. | stone, calculus |
| _____ 18. | poly- | R. | sweat |
| _____ 19. | gluc/o | S. | sugar |
| _____ 20. | -dipsia | T. | thyroid gland |
| _____ 21. | calc/o | U. | thirst |
| _____ 22. | -pexy | V. | urination |
| _____ 23. | pancreat/o | W. | under, below |

Define the following terms.

24. acr/o/megaly –
25. adren/al –
26. hyper/calc/emia –
27. hypo/glyc/emia –
28. thym/o/lysis –
29. thryroid/ectomy –
30. thyr/o/toxic –
31. glucos/uria –
32. aden/oma –
33. adrenal/ectomy –
34. poly/dipsia

Vocabulary

35. insulin tolerance test –
36. fasting blood sugar –
37. diabetes mellitus –