

KEY Chapter 10 - Student Companion Worksheet

Instructions: Apply the rules of medical language to break into word parts and define the following cardiovascular system - blood words.

Label each word part by using the following abbreviations:

- P = Prefix
- WR = Word Root
- CV = Combining Vowel
- S = Suffix
- CF = Combining Form

Blood Medical Terms:

1. erythrocytopenia (ě-rĭth-rō-sĭ-tō-PĚ-nē-ă) - abnormal reduction of red (blood) cells

WR CV WR CV S
erythr / o / cyt / o / penia
CF CF

2. hematologist (hēm-ă-TŎL-ō-jĭst) - physician who specializes and treats blood disorders

WR CV S
hemat / o / logist
CF

3. hemat/o/logy (hēm-ă-TŎL-ō-jē) - study of blood

WR CV S
hemat / o / logy
CF

4. hematoma (hēm-ă-TŎ-mă) - tumor composed of blood

WR S
hemat / oma

5. hematopoiesis (hē-mat-ō-poy-Ē-sīs) - formation of blood (cells)

WR CV S
hemat / o / poiesis
CF

6. hemolysis (hē-MOL-ĭ-sīs) - dissolution of (red) blood (cells)

WR CV S
hem / o / lysis
CF

7. hemostasis (hē-MŎ-STĀ-sīs) - stoppage of bleeding

WR CV S
hem / o / stasis
CF

8. leukocytopenia (loo-kō-sī-tō-PĒ-nē-ă) - abnormal reduction of white (blood) cells

WR CV WR CV S
leuk / o / cyt / o / penia
CF CF

9. multiple myeloma (MŬL-tĭ-pl mĭ-ĕ-LŎ-mă) - tumors of the bone marrow

WR S
multiple myel / oma

10. myelopoiesis (mĭ-ĕ-lō-poy-Ē-sīs) - formation of bone marrow

WR CV S
myel / o / poiesis
CF

11. pancytopenia (pan-sīt-ō-PĒ-nē-ă) - abnormal reduction of (all) blood cells

P WR CV S
pan / cyt / o / penia
CF

12. plasmapheresis (plăz-mă-fēr-Ē-sīs) - removal of plasma

WR S
plasm / apheresis

13. splenectomy (splē-NEK-tō-mē) - excision of the spleen

WR S
splen / ectomy

14. splenomegaly (splē-nō-mē-GĀ-lē) - enlarged spleen

WR CV S
splen / o / megaly
CF

15. splenopexy (SPLĒ-nō-pěk-sē) - surgical fixation of the spleen

WR CV S
splen / o / pexy
CF

16. thrombocytopenia (throm-bō-sīt-ō-PĒ-nē-ă) - abnormal reduction of (blood) clotting cells

WR CV WR CV S
thromb / o / cyt / o / penia
CF CF

17. thrombolysis (throm-BOL-ĭ-sĭs) - dissolution of a (blood) clot

WR CV S
thromb / o / lysis
CF

18. thrombosis (throm-BŌ-sĭs) - abnormal condition of (blood) clot

WR S
thromb / osis

19. thrombus (THROM-bŭs) - (blood) clot (attached to the interior wall of artery or vein)

WR S
thromb / us

Build the terms for the following definitions by using the word parts from this chapter.

1. abnormal reduction of red (blood) cells

erythr / o / cyt / o / penia
WR CV WR CV S

2. study of blood

hemat / o / logy
WR CV S

3. dissolution of (red) blood (cells)

hem / o / lysis
WR CV S

4. abnormal reduction of white (blood) cells

leuk / o / cyt / o / penia
WR CV WR CV S

5. formation of bone marrow

myel / o / poiesis
WR CV S

6. abnormal reduction of (all) blood cells

pan / cyt / o / penia

P WR CV S

7. enlarged spleen

splen / o / megaly

WR CV S

8. abnormal reduction of (blood) clotting cells

thromb / o / cyt / o / penia

WR CV WR CV S