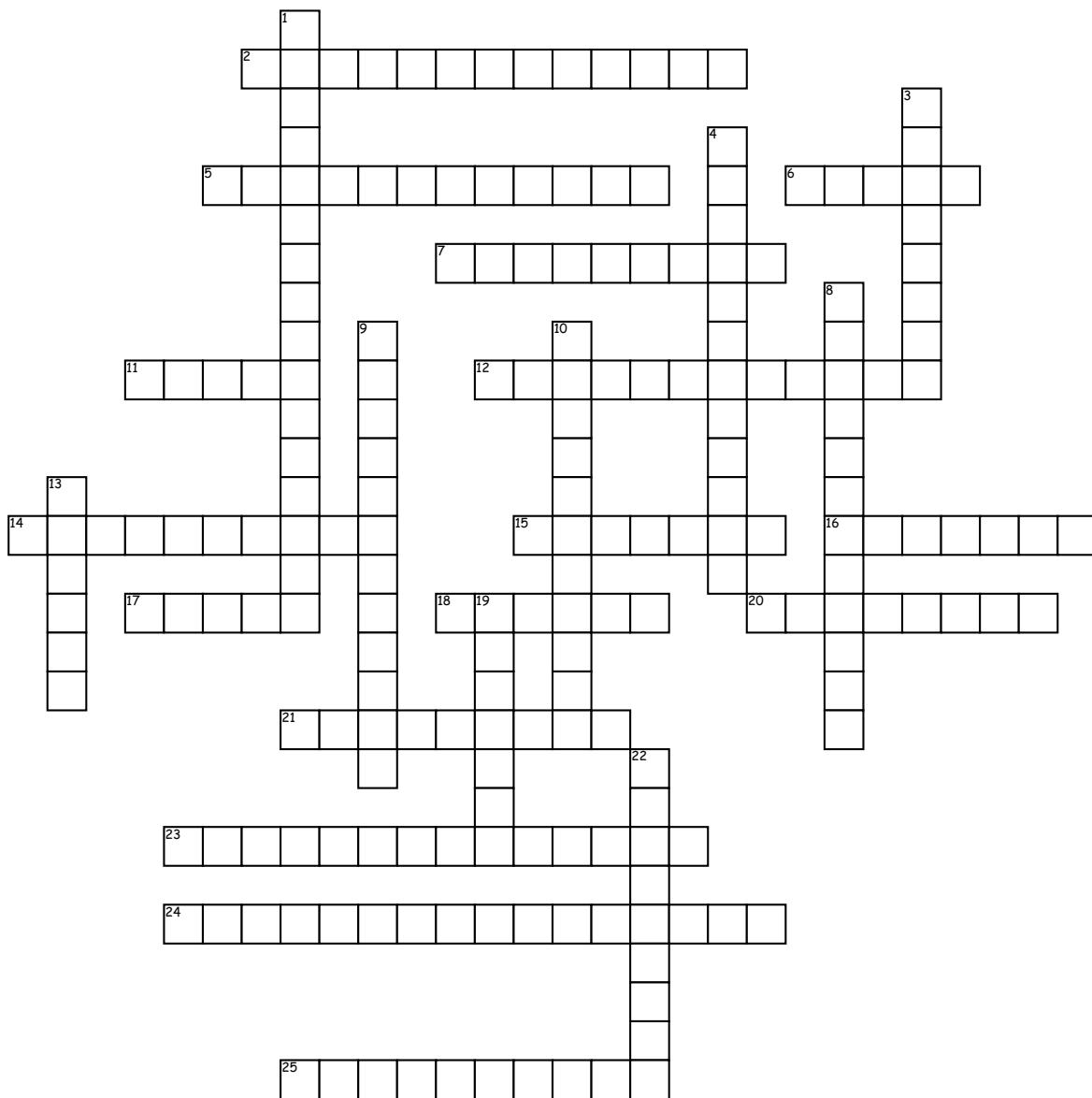


RadBio Radiation Effects

**Across**

2. Development of germ cells by both ovaries and testes that occurs at varying rates and times
 5. Platelets involved in blood clotting
 6. Soft x-rays once used to treat skin diseases such as ringworm
 7. Loss of hair
 11. Syndrom represented by the sequence of events after high level radiation exposure that leads to death within days or weeks
 12. Red blood cells that are the transportation agents for oxygen
 14. Reduction in white cells of the peripheral blood
 15. Ovarian stem cells encapsulated by primordial follicles during late fetal life

16. Stem cells of the ovaries

17. Stem cells in the lowest layer of the skin that mature as they slowly migrate to the surface of the epidermis

18. Period during which a subject exposed to radiation is free of visible effects

20. Sunburn like reddening of the skin

21. Syndrome of acute clinical symptoms that occur within hours of exposure and continue for up to a day or two

23. Rapid rise in scavenger cells

24. Rapid decrease then slower decrease, in scavenger cells

25. White Cells

Down

1. _____ Radiation Syndrome is produced by radiation doses of approximately 10 to 50 Gy(t).
 3. _____ illness refers to the acute radiation lethality stage, including hematologic
 4. Platelets
 8. Scavenger cells used to fight bacteria
 9. Ulceration and denudation of the skin
 10. Reduction in the number of immune response cells
 13. Intermediate layer of connective tissue in the skin
 19. Effect of cell death, resulting in reduction in size of tissue or organ
 22. Outer layer of the skin