





### Across

1. Also called Ferruginous bodies
8. Osteopath
10. Transtibial amputation that involves removing the foot, ankle joint and distal tibia and fibula with related soft tissue structures (abbreviated)
11. Membranous and cytoplasmic marker of prostate adenocarcinoma, less sensitive and specific than NKX3.1
12. Most common primary site of infection in coccidioidomycosis
14. Common suffix meaning an action, process, condition or state (i.e. adeno\_)
15. Occurrence of inflamed or infected sebaceous glands in the skin
16. Autoinflammatory bone disorder with a wide spectrum of clinical manifestations, from unifocal to multifocal lesions (abbreviated)
17. An allergy test that is done on a sample of blood; used to check for allergic sensitivity to specific substances
19. Multisystem disorder caused by spirochete *Borrelia burgdorferi*; in the US, most commonly occurs in the northeast and upper midwest
21. Used in membranous or cytoplasmic staining; also called clone 1A4 or sm-1
22. Specific types of molecules found on the surface of cells that help differentiate one cell type from another (abbreviated)
23. When a blood clot (thrombus) becomes lodged in an artery in the lung and blocks blood flow to the lung (abbreviated)
25. Colorless crystalline compound which is the main nitrogenous breakdown product of protein metabolism in mammals
26. Type of cell that is a part of the immune system; functionally and structurally closely related to basophils but current evidence indicates that immediate precursors are different
27. Gene encoding a transmembrane tyrosine kinase receptor, involved in both the MAP kinase and AKT pathways; used to confirm diagnosis of GIST
29. \_\_\_\_\_ in situ hybridization
33. Process of injecting medications, fluids or blood products directly into the marrow of a bone (abbreviated)
34. Vascular neoplasm caused by human herpesvirus 8 (HHV8); tends to be indolent but may be locally aggressive

### Down

1. Latin for abscess
2. Most common site of extranodal involvement in adult T cell leukemia / lymphoma (ATLL)
3. HER2 immunohistochemical staining pattern of tumor cells in micropapillary carcinoma of the breast
4. Sudden, violent, involuntary muscle contraction; a sudden tightening of a passage or canal
5. Disorder characterized by multiorgan dysfunction including lethal cardiac arrhythmias, webbing, congenital heart disease, immune deficiency, intermittent hypoglycemia, cognitive abnormalities (abbreviated)
6. Prefix indicating of the shoulder or scapula
7. One of the major elements in the cardiac conduction system, the system that controls the heart rate (abbreviated)
8. Most common type of invasive breast carcinoma; lacks features of any other subtypes (i.e. is a diagnosis of exclusion)
9. What one might call a media outlet for cancer specialists
12. To cut, divide or dissolve a substance or to treat an anatomic structure, with a beam
13. Fellowship type often combined with molecular
17. Genus of nonmotile, gram negative, non spore forming, highly pleomorphic bacteria that may occur in the forms of cocci, bacilli or threads
18. Congenital defect hole in the septum (abbreviated)
20. The accumulation of excess fluid in the intercellular or interstitial tissue spaces or body cavities
24. Marker typically negative in primary cutaneous ALCL
26. Prefix denoting a relationship to muscle (i.e. \_genin)
28. Carcinoma of urothelial origin with a pathology that may involve prostatic tissue (abbreviated)
29. Minimally invasive technique to obtain cytologic specimens of thyroid nodules
30. \_ pulmonale; condition that causes the right side of the heart to fail
31. Prefix meaning new (i.e. \_plasia)
32. Also called CD227, MUC1 and episialin