

Oncology Residency Curricular Items:

1. Pathophysiology of malignancy, important genetic syndromes and the role of carcinogens
 2. Pathology/laboratory medicine including review and understanding of patient pathology
 3. Research: principles of protocols and institution of new/experimental therapies
 4. Diagnosis and management of spinal cord compression
 5. Differential diagnosis and work-up of mental status changes
 6. Diagnosis and management of hypercalcemia
 7. Management of neutropenic and/or immunocompromised patient
- Diagnostic work-up and initial management of patient with:
8. Acute leukemia
 9. Tumor lysis syndrome
 10. DIC
 11. TTP
- Epidemiology, prevention, initial evaluation and prognosis of:
12. Lung Cancer
 13. Breast cancer
 14. Colon cancer
 15. Lymphoma
 16. Diagnosis, staging, treatment options and patient counseling in prostate carcinoma.
 17. Approach, prognosis and initial treatment of the unknown primary
 18. Pharmacology, basic mechanisms and side effects of commonly used chemotherapeutic agents

19. Work-up of a patient coagulopathy or hypocoaguable state

20. Utilization of blood products

21. Utilization of growth factors

22. Indications and complications of radiotherapy

23. Application of evidence from the current medical literature

24. Pain management in a cancer patient

25. Hospice and home care for the cancer patient

26. Working with the patient who refuses medical therapy

27. Discussion of medical care with understanding and sensitivity to personal and cultural issues of terminally ill patients and their partners and families.