**OBJECTIVES: Hematology / Oncology Lectures (Prof. Hassan Bahakim)**

**1) Immune thrombocytopenic purpura (ITP)**

* + definition and criteria of diagnosis
  + history and physical exam findings
  + laboratory findings including findings of CBC in ITP
  + complications
  + treatment

**2) PT, PTT tests:**

* how and when to utilize each or both of them as screening tests
* know how to interpret their positivity or negativity in pertinent clinical conditions

**3) Hemophilia (A) and hemophilia (B) and von Willebrand disease**

* diagnosis by history, physical findings and specific laboratory investigation
* differential diagnosis of von Willebrand disease versus hemophilia

**4) Acute lymphoblastic leukemia (ALL)**

* epidemiology including conditions predisposing to (ALL)
* diagnosis: clinical and laboratory investigations
* medical problems of newly diagnosed case of (ALL): recognition and solving
* supportive care in ALL
* side effects of commonly used chemotherapeutic agents

**5) Differential diagnosis of:**

Neuroblastoma versus Wilms tumor in terms of:

* history, physical and important laboratory and radiological investigations