

BLOOD MODULE

CBL SEMESTER-I WEEK-06, (Batch 2016-17) SMC

CASE –I

CBL CELLULITIS

A 22 year old HIV positive is brought to the emergency room with complains of severe pain in his right forearm. For last 4 years He is an Intravenous drug abuser. On examination, he is having a blood pressure of 130/ 80 mm Hg, Pulse rate of 110/ min, respiratory rate of 22/ min and is having a temperature of 101 F. Local examination of forearm reveals red skin of the front of forearm which is painful to touch and has slightly increased temperature as compared to its left sided counterpart. Also there are multiple prick marks over the skin of right forearm. His lab work showed Hemoglobin of 12 gm/dl, Wbc count of 16000/cc³ and platelets of 183000/ mm³.

- Q1. What do you think is going on with the patient?
- Q2. What is inflammation?
- Q3. What are the cardinal physical signs of inflammation?
- Q4. What processes are occurring during the process of inflammation?
- Q5. What are the different types of inflammation?
- Q6. What is the significance of mentioning the intravenous drug abuse history of this patient?
- Q7. What important relevant findings are present in the vital signs examination of this patient?
- Q8. What is the important finding in the lab report of this patient?
- Q9. How does the body respond during the process of inflammation?
- Q10. Which organisms do you think might be involved in this patient?
- Q11. What would you give to treat this patient?