



Case no (2):

A 3-day-old infant, who was born 2 months premature, begins having difficulty in breathing and has a temperature of 39 C°. Chest x-rays reveal lung consolidation typical of pneumonia. Bacteria isolated from his blood are beta-hemolytic, gram-positive cocci in chains, which are serotypable as type B. (15 marks)

1. What organism is the most likely etiology of this illness?
2. What other major disease does it cause?
3. Laboratory diagnosis of this microorganism?
4. How would you treat it?