



In anticipation of potential complications, the patient has his blood type tested. He was found to have blood type O+.

4. What blood types can the patient receive if it is determined that he needs an emergency transfusion?

Further evaluations reveal the presence of a thrombophlebitis in the superficial saphenous vein of his right lower extremity. His complete blood cell count reveals an increased level of eosinophils and basophils.

5. What substances are released from the granules of the eosinophil?
6. What substances are released from the granules of the basophil?
7. Why might the level of basophils have increased in this particular situation?