

PARUL UNIVERSITY

JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE

(DEPARTMENT OF PATHOLOGY)

Report- Visit to Parul Sevashram Hospital Blood bank

DATE: 12 & 13 February 2019

PLACE: Blood Bank at Parul Sevashram Hospital

CLASS: Second year BHMS

NUMBER OF STUDENTS: 99

FACULTY MEMBERS: Dr. Sneha Patwari

On 12/2/2019 & 13/2/2019 Department of Pathology had organised the educational visit of Second year BHMS students to the Blood Bank at Parul Sevashram Hospital. The Students were distributed into two batches (Batch A & Batch B containing 50 & 49 student's resp.) These students were accompanied by Dr. Sneha Patwari.

The Chief of Blood bank Dr. Shrikant Shiromani (MD Pathology) has given an introductory lecture about the blood bank. In his lecture he discussed about the criteria for blood donation, difference between Universal Donor & Universal Recipient, Methods of blood collection, various instruments & machines used for collection & storage of blood, techniques of separation of different components of blood such as Platelets & Fresh Frozen Plasma. Then he has discussed about ideal conditions required for storage of these separated components & the life span of these components as well. He has also discussed about different tests (HIV, HBsAg, Elisa etc.) That

they perform before providing any of the blood products to patient. By the end of the lecture he has explained the sterilization techniques used before discarding the expired or the infective samples.

It was wonderful experience for students, where they had learnt various aspects of blood bank. We would like to thank Principle of Jawaharlal Nehru Homoeopathic Medical College Dr. Poorav Desai for giving us the opportunity to learn from experience.







Platelet Agitator & Incubator



Packed cell Volume



Fresh Frozen Plasma

Report prepared by: Dr. Sneha Patwari