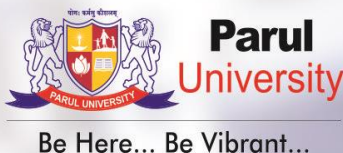


# **Parul University**

## **Jawaharlal Nehru Homoeopathic Medical College** **(Department of Pathology & Microbiology)**

**REPORT OF EDUCATIONAL FIELD VISIT**  
**PSH Blood Bank & PIMS Pathology Museum**

On 17<sup>th</sup> July 2017 a visit to Blood Bank at Parul Sevashram Hospital and Pathological museum of Parul Institute of Medical Science & Research was organized by JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE for 2<sup>nd</sup> year BHMS students.



# **Jawaharlal Nehru**

## **Homoeopathic Medical College**

### **Department of Pathology**

### **Educational Visit**

**P.O.Limda, Ta.Waghodia - 391760 Dist. Vadodara, Gujarat (India)**

**Phone: +91-2668-260312**

Despite the sudden heavy rain in which we were drenched the enthusiastic fire in our heart & curiosity to gain more knowledge pushed us

forward towards our destinations under the guidance of Dr Amol Pathak and Dr Mayank Roy who lead batch A & batch B respectively.



Later on they took us to Blood storage section where we got acquainted with the ultra modern facilities of blood storage & learnt the techniques of blood storage. Sir taught us about specific requirements of blood storage, life span of different components of blood and temperature requirement for storage of these components. At the same time sir told us about different medical conditions in which whole blood transfusion is required, plasma is required, platelets are required etc.

Later on we were taken to another section where they have oriented us with the Cryofuge machine this is used to separate the components of blood into packed cells, plasma & platelets. Brief idea about how the machine works was also given to us, we were fortunate that we saw how the platelets were separated from the blood. In a true sense it was a life time experience for us. The blood bank had all the modern facilities and technique for effective and

safe blood donation. The staff members were also very co operative. After about an hour of mesmerizing learning we took a snap by 4pm, thanked the entire staff & bided good bye to them.





Students of Batch B along with Dr. Mayank Roy reached the Blood bank by 3 pm, we were welcomed there by Dr. Delwadia (HOD Pathology Dept.) and Dr. Barve . They enlightened us about importance of blood bank in a hospital set up and a process of effective and safe blood donation. Later on they took us to different sections of the blood bank. At the beginning we went to one of the room which was used for thorough medical checkup of potential donors as well as the blood donation itself, while there was a room adjacent to blood donation room where donors could lie down and recuperate themselves for a while before they are allowed to leave the blood bank.





From Blood bank we proceed to Pathology Museum at Parul Institute of Medical Science & Research. For the purpose of better understanding of various specimens preserved in the museum we were divided into two groups. Medical experts Dr. Amrish Dave gave us a brief session about various pathological conditions like Diabetic foot gangrene, cirrhosis of liver etc. by using models; it was a very informative session. The museum had number of specimens related to different pathological conditions, multiple histological slides, microbiological slides, stains, etc. while one batch was having a look on the specimens the another batch was engaged in an interactive session with the experts in the field. It was a really difficult task to finish visit of entire museum within a span of 60 minutes. At around 5 PM we finished the visit at museum, thanked the staff members & bided them good bye in turn they wished us all the best & best wishes for our future

This visit was indeed an excellent opportunity to explore and learn various marvels of medical science, we are highly thankful to our Principal Dr. Poorav Desai, our Teachers & the management of Parul Sevashram Hospital, Parul Institute of Medical Science & Research for giving us an opportunity to learn from experience.

Report prepared by:



KHUSHBOO PATEL



ROHAN GADHIYA



RANI TERESA SURESH



DIXIT KATARIYA

(Second year BHMS. Academic year 2016-2017)

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