

Yogya

Clinical Skill Lab



K.L.E. University's

(Accredited "A" Grade By NAAC & Placed In Category "A" By MHRD, GoI)

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CLINICAL SKILL LAB

Contribution of Sushruta's Simulation in empowering the clinical skills

Today in this world, every medical student needs periodic refreshment to keep improving, enhancing clinical skills and bringing about overall improvement in their work performance.

Sushruta is recognized today as the 'Father of Plastic Surgery' all over the world. The fact that such a man in flesh and blood performed these surgeries a millennium before Hippocrates and two millenniums before European stalwarts like Celsius and Galen ever appeared on the scene is hard for most to realize and appreciate.[1]

Sushruta was also an excellent teacher. He beautifully enlightened the importance of both theoretical and practical knowledge by giving the resemblance to the two wings of a bird. Thus possessing half knowledge e.g. either only the theoretical or practical knowledge are incapable in their work like a single-winged bird which is incapable of moving all around.

To become a Centre for excellence to professionalize medical education and training and to enhance the clinical skills is our main objective, which can be obtained by providing the proper basic knowledge, motivation and hands on trainings, through which the fundamentals of a system can be made inherent and the self-confidence of the scholars to perform a procedure will be enhanced.

Being fundamentally a surgical treatise, the Sushruta samhita lays more emphasis on practical training. Sushruta insisted that the enormous amount of oral training should be balanced by practical efficiency. He thus stated, in colorful and poetic language, that 'he who knows theory only but is not so good in practical work, gets bewildered on being confronted with a patient, in the same way as a coward feels on the battlefield'.

Techniques and simulations of Sushruta in improvising the skills

In a manner analogous to workshops on surgical techniques, students were expected to hone their skills on the various materials which simulates with the actual conditions. Eg- art of bandaging or ligaturing should be practically learnt by tying bandages round the specific limbs and members of a full-sized doll of stuffed linen

List of simulators present

1. I.U.D trainer
2. Catheterization simulator Male
3. Catheterization simulator Female
4. Nasogastric intubation model
5. Enema administration Simulator
6. Episiotomy Suturing Simulator
7. Suture Practice Arm
8. Suture Practice Leg
9. Auscultation trainer
10. Prostate examination Simulator
11. Prostate examination Trainer
12. Advanced child Airway Management Trainer
13. Endotracheal Intubation Simulator
14. Patient Care Manikin
15. Maternal & Neonatal Birthing Simulator
16. ACLS simulator
17. CPR Simulator
18. Lumbar Puncture Model
19. Incision taking model
20. Suturing and knot tying model
21. Bandaging Model

Teaching Modules for Different trainees

Sl. No.	TRAINEES	TEACHING MODULE
1	Teaching Staff	➤ (ACLS)Advanced Cardiac Life support
2	PG	<ul style="list-style-type: none"> ➤ Bandaging ➤ (CPR)Cardio Pulmonary Resuscitation ➤ Suturing and knot tying ➤ (BLS)Basic Life support ➤ Catheterization ➤ Oral intubation ➤ IV cannulation ➤ Nasal intubation ➤ Ryle's tube insertion ➤ (ACLS)Advanced Cardiac Life support ➤ Auscultation training
3	UG	<ul style="list-style-type: none"> ➤ Bandaging ➤ Suturing ➤ Catheterization ➤ IV cannulation ➤ Auscultation training ➤ CPR ➤ BLS
4	Nursing Staff	<ul style="list-style-type: none"> ➤ General nursing ➤ Bandaging ➤ Catheterization ➤ IV cannulation ➤ CPR ➤ BLS
5	Group- D worker	➤ BLS



Staff Demonstrating Advanced Cardiac Life Support to the PG Scholars



Staff Demonstrating the Auscultation Method to the PG Scholars



Staff Demonstrating the Suturing techniques and knot tying methods to the PG Scholars



Staff Demonstrating and monitoring the Suturing, Incision techniques and knot tying methods to the PG Scholars



Staff demonstrating the different types of knots to the PG Scholars



Staff Demonstrating Incision technique over the cyst wall to the PG Scholars



Staff demonstrating the various bandaging techniques to the PG Scholars



Staff demonstrating the Stages of labor on Birthing Simulator to the PG Scholars



Staff demonstrating the Stages of labor on Birthing Simulator to the PG Scholars



Staff demonstrating the Basic Nursing Simulator to the Nursing Staff
