

एवमादिषुमेधावीयोग्यार्हेषुयथाविधि।द्रव्येषुयोग्यांकुर्वाणोनप्रमुह्यतिकर्मसु॥

Date of Visit: 01/05/2025

Location: Parul University, Pragma-The Advanced Skill & Simulation Center , Vadodara, Gujarat

Visitors:

1. Dr Smitha, (Principal-Nootan Ayurvedic College and Research Centre,SPU),
2. Dr. Sapna Thakur (Consultant/Assistant Professor- Kayachikitsa Department),
3. Dr. Ravina Baria (Consultant/Assistant Professor –Shalakya Tantra)
4. Dr. Poonanath Chouhan (Consultant/Assistant Professor –Shalya Tantra)
5. Dr. Harshal Patel (Consultant/Assistant Professor –Panchkarma Department)
6. Dr. Apoorva Joshi (Consultant/Assistant Professor –PTSR Department)
7. Dr. Darshana Vekariya(Consultant, Assistant Professor- Shalakya Tantra)
8. Dr. Manvita Gidwani (Consultant/Assistant Professor – Balroga Department)
9. Dr. Chandni C Pillai (Assistant Professor – Rog nidana Department)
10. Dr. Supriya A. Bankar (Associate Professor- Kriya Sharira Department)
11. Dr. Apeksha Ranu(Tutor), Nootan College of Physiotherapy
12. Dr.Yash Patel(Assistant Professor)- Nootan College of Physiotherapy

1. Purpose of Visit

To fulfill the **YOGYA** concept given in Ayurveda, teaching faculty planned the visit. The primary objective of the visit was to explore and evaluate the infrastructure, equipment, and educational methodologies employed in their Simulation Lab. This visit aimed to understand the scope of simulation-based learning in healthcare disciplines.

2. Overview of Simulation Lab

- ✓ The Simulation Lab at Parul University is a state-of-the-art facility designed to provide experiential learning through high-fidelity simulation equipment.
- ✓ Consist of 14 training stations for hands on training and simulation exercises.
- ✓ The lab caters primarily to students in the fields of Ayurveda, nursing, medicine, and allied health science.

3. Key Features Observed

- **High-Fidelity Mannequins:** The lab is equipped with advanced patient simulators that replicate real-life clinical scenarios including cardiac arrest, trauma care, labor and delivery, and pediatric emergencies.
- **Modular Learning Stations:** There are multiple stations for clinical skill development including IV insertion, catheterization, CPR, and airway management.
- **Audio-Visual Integration:** Sessions are recorded and displayed live for observation and debriefing, enhancing reflective learning and peer evaluation.
- **Scenario-Based Training:** Faculty demonstrated interactive case scenarios that involved decision-making, teamwork, and critical thinking under pressure.
- **Faculty Expertise:** A well-trained team of instructors and technicians operate and manage the simulation modules, ensuring high-quality educational delivery.
- **Innovative ideas:** Creation of Ambulance Simulation Unit, to train students with a fictitious accidental scenario on road, near park, at workplace etc.

4. Challenges in Ayurveda and need of Simulation :

- ✓ Students pursuing Ayurveda often face significant challenges in gaining practical experience due to limited access to diverse clinical cases, and restricted patient flow in teaching hospitals.
- ✓ These constraints hinder the development of hands-on diagnostic and treatment skills, which are essential for mastering Ayurvedic principles and therapies. Moreover, the complexity of traditional Ayurvedic procedures and the need for real-time decision-making make experiential learning crucial.
- ✓ In this context, simulation-based education can serve as a valuable tool by offering a safe, controlled environment to practice clinical skills, refine techniques, and enhance confidence before engaging with real patients.

5. Discussion

- ✓ The visit to the simulation lab provided Ayurvedic teachers with a powerful take-home message: integrating simulation-based learning into Ayurveda education can bridge the critical gap between theory and clinical practice.
- ✓ Witnessing firsthand how simulation enhances student engagement, builds clinical confidence, and allows repeated practice without risk to patients highlighted its potential to revolutionize traditional teaching methods.
- ✓ It reinforced the importance of adopting modern educational tools while preserving the essence of Ayurveda, ultimately aiming to produce more competent and practice-ready graduates.

Following the visit, the host and visitor met in the lab to talk about what more could be done to help students gain the practical experience and understanding required in the ayurveda. In the end, a future teacher training program was planned for which permission from higher authority will be taken.



