

Best Practice No. 1

1. Title of the practice

Digitalization in IDST [Digital OPD and campus medicine software]

Institution has advanced online software system which automates all the clinical and patient activities in the dental college. The institute also has Campus medicine, a well-integrated Dental College Management System which ensures seamless flow of teaching-learning processes. Campus medicine caters to the Workflow Automation of the Academic & Administrative sections of Institute.

2. Objectives of the practice:

- To allow successful and smooth running of the workflow and practice at the Institute.
- To allow managing data of the subjects from their entry to exit at the Institute.
- To decrease the work load and burden of keeping data and records.
- To provide paper free environment

3. The context

Due to increased risk and awareness concerning the spread of various infectious agents, communicable diseases, and COVID-19 infections, many patients avoid contact of any inanimate objects to encounter any infection. Hence, dental OPD as digitalization is adopted by the Institute which also helps in providing paper free records. It allows gathering of all the data at a single place helping record findings which was a tedious process when done on papers. It also minimizes the need of space to keep the physical data and records of the patients. Eliminate problems of missing records / torn papers / unreadable hand writing. It is highly secure and prevent malpractices. With improvements in technical aspects, the use of Campus medicine software can have many advantages, in the institute including single space and all-time availability and access of the student related data for faculty as well as students. Campus medicine has improved transparency, and enhanced data security by storing data in secure, encrypted formats that can only be accessed by authorized personnel.

4. The practice

A. Digital OPD has made workflow systematic and hassle-free

Our institution follows-a digital software program system for referral and data keeping of the patients saving their time and eliminate the risk of data loss by the patients or doctors. All the data are entered in the dedicated software which also send notice to the respective departments in case a patient is being referred for further management. It minimizes hassle and confusion or displacement/loss of the paper system used earlier. This digital data system helps us to

record all data, clinical findings, investigations taken into a software and enables us to retrieve at any point of time without any paper backup.

B. Reduced work load and environment friendly by minimizing use of paper

Campus medicine software in our Institute works as a Student Information System which works for students in attendance management, gradebook, timetable Scheduling, and exam management. With a wide range of fully customizable modules, this software automates administrative and academic tasks for a seamless and error-free operation. Campus medicine complements educational institutions' performance and productivity by using centralising information and techniques. From simplifying admissions and tracking attendance to handling finances and facilitating assertive communication. It reduces the administrative burden on personnel and the general enjoyment of college. By leveraging the advanced student's era, establishments can ensure information accuracy, beautify safety, and resource personalised learning.

5. Evidence of success

- Hassle free referral and record maintenance
- Patients are benefitted with paper free referral and treatment system
- Centralized Data Management allowing easy accessibility at single place
- Streamlined Admissions Process
- Easy Financial Management and Transparency
- Enhanced Security and Compliance

6. Problems encountered and Resources required

- Challenging for the staff that are not well-versed with the technology
- Require professional training for the operating staff
- Learning new technology can be challenging and uncomfortable
- It is expensive requiring extra software-related cost
- It's hard to choose the most suitable software

Best Practice 2

1. Title of the practice

Enhancing accessibility and affordability for dental treatment and oral health care to camp patients

2. Objectives of the practice

- To increase the clinical exposure of undergraduate and postgraduate students by more number of patients in the institution.

- To provide free treatment for the patients who could not offer for their transportation to the hospital
- To create interest in patients to come for the treatment
- To improve oral health status in patients coming for the camp
- It will help the patient to come for follow-up treatments
- To provide accessibility and affordability of dental care services to the under privileged rural population
- To create awareness among the people regarding the facilities available in the dental college

3. The context

Due to lack of awareness, people from the remote areas show less interest in dental healthcare despite several dental camps organized by the Institution. Also, gaining patients attention regarding the follow-up treatment is challenging. Moreover, transportation is difficult in some areas which lead to the initiation of free transportation service to these remote areas. This is all done to enhance the clinical expertise of students by increasing the patient flow to the institution.

4. The practice

Transportation is very important for the follow-up of the patients. Only few patients can afford to make it to the Institution. Our Institution provides free bus facility for the patients who have attended the camp. So, the patients who could not get the treatment because of the lack of resources or lack of time and also the patients who need follow-up treatment can come to the Institution. Transport facility from remote areas gets the patients to avail treatment free of cost. Along with free transportation facility, patients will also be offered free treatment. It is very helpful for the handicapped, geriatric and poor patients. Oral health status of the patient also will improve.

5. Evidence of success

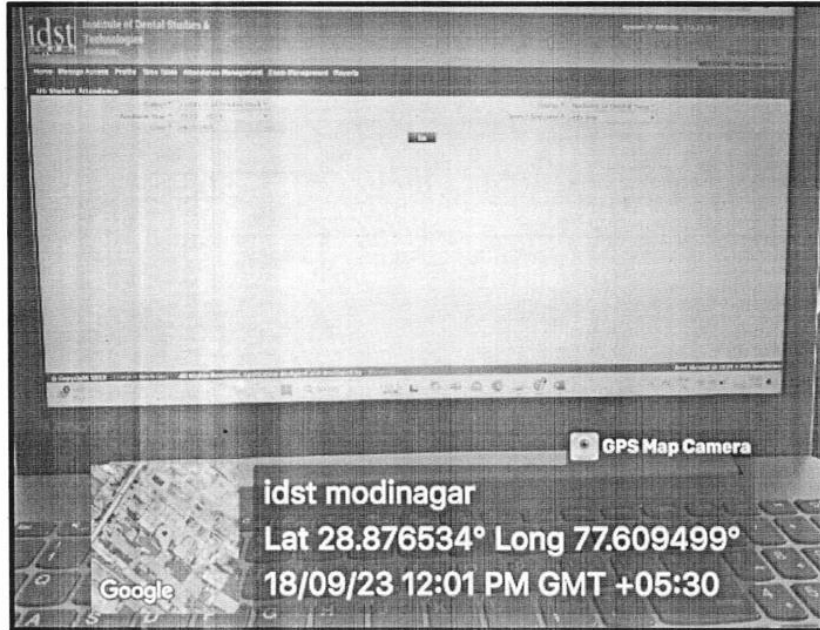
- Dental awareness among people increased.
- Patients flow increased for the treatment in the institution.
- Patients started developing their interest towards digital dental health.
- Number of patients increased from urban areas.
- Awareness among the people about the different treatments available in the college improved.

- Geriatric, morbid, and handicapped patients are highly benefitted with this service due to reduced treatment time.
- Patients are benefitted with the free advanced dental care.

6. Problems encountered and resources required

- Due to single machine only limited number of subjects are treated at once.
- Giving appointments are difficult.
- Marketing is difficult to reach all areas.

CAMPUS MEDICINE SOFTWARE



DIGITAL OPD



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Principal