



MNR DENTAL COLLEGE AND HOSPITAL

“NAAC ACCREDITED”

(Recognized by MH&FW, Govt. of India & Affiliated to KNR University of Health Sciences)

MNR Nagar, Narsapur Road, Fasalwadi, Sangareddy 502294

BEST PRACTICES



MNR DENTAL COLLEGE AND HOSPITAL
(Recognized by MH &FW, Govt.of India & Affiliated to KNR University of Health Sciences)
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BEST PRACTICES - 1

1. **Title of the Practice:** MCQ Based Learning
2. **Objectives of the Practice:** To provide students with highly objective learning during the tough COVID times. The COVID-19 pandemic changed learning in many unprecedented ways. Learning during these tough times became a challenge to students and for educational institutes. To bridge this gap MNR Institute has innovatively adopted the MCQ based pattern of daily exams. MCQ based learning has the advantage of being highly objective and reliable for testing large batch of students and can also assess student learning across a wide range of knowledge.
3. **The Context:** The MCQ test is often seen as the most pragmatic choice due to the logistical limitations of other test types. MCQ exams were conducted daily for each subject for a period of 30 minutes. CONDUCT EXAM, an online exam software has been purchased for this purpose. ConductExam is a web based online exam software that provides web applications or mobile applications through which admin can create different types of tests. This also provides instant results with rankings which can improve the performance of the candidates. Solutions were also provided for the students benefitting them in their learning process. Comparisons of the individual student performance with previous and present tests were provided as a graphic analysis which can further aid in motivating the student.


4. The Practice: MCQ exams were conducted daily for each subject for a period of 30 minutes. CONDUCT EXAM, an online exam software has been purchased for this purpose. ConductExam is a web based online exam software that provides web applications or mobile applications through which admin can create different types of tests. This also provides instant results with rankings which can improve the performance of the candidates. Solutions were also provided for the students benefitting them in their learning process. Comparisons of the individual student performance with previous and present tests were provided as a graphic analysis which can further aid in motivating the student.

5. Evidence of Success: Students were improved in their knowledge and with high objective-based learning precise learning objective was attained

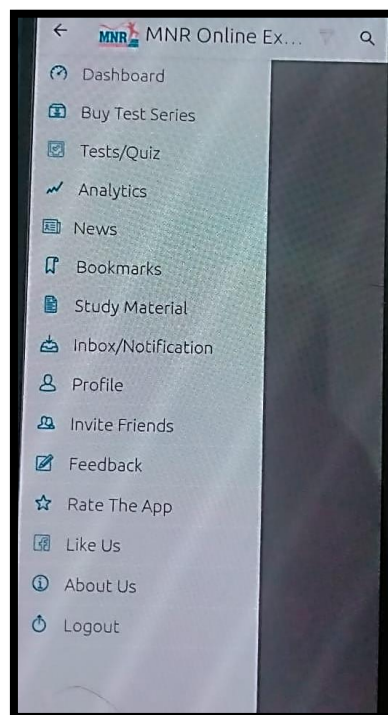
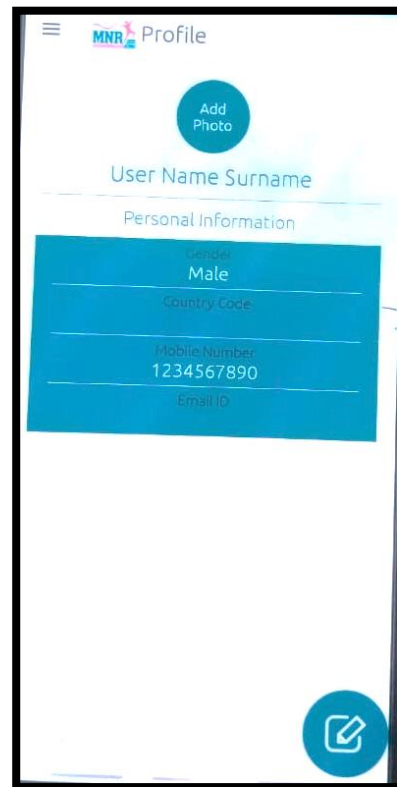
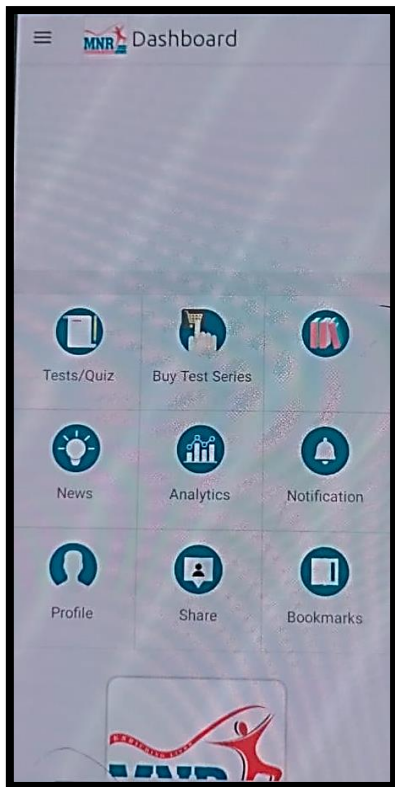
6. Problems Encountered and Resources Required:

Students with the net problems were not able to have curriculum and even students couldn't afford smart equipment also faced the issue

Best Practice – MCQ Based Learning

 <p>Conduct Exam Delhi Rajkot - Gujarat India Head Office: SF-48, Shreemad Bhavan, Opp. Kanta Vikas Gruh, Bhaktinagar Main Road, Rajkot 360002(Gujarat, India) Branch Office B-4/50C, Ashok Vihar, Phase-2, Near Sagar Ratna, New Delhi - 110052 (India) GST No : 24AALFC7629Q1ZR Website: www.conductexam.com</p>		<p>QUOTATION</p>
Mr. Krishna MNR Educational Trust MNR Nagar, Fasalwadi, Narsapur Road, Sangareddy 502294, Telangana, India it.aher@mnrindia.org	Quotation #837 Date	CE/LA/KA 22-06-2020
Dear Sir, Description of Work Thank you for the opportunity to quote. We are pleased to quote as follows: Online Exam Software - Web, Android and iOS App Version For 2,000 students @ Rs.160 per student This includes: - 500 concurrent users - Hosting & maintenance - 4 Free Tests and Unlimited Paid Tests - Online Technical Support through remote sharing and phone - Software will be on Saas(Software as a Service) model for 1 year		
18% GST	Rs.28,800	Cost Rs.1,60,000
Amount	Rs.1,88,800/-	
Payment Terms: - Quotation is valid only for 30 days - Advance Purchase Order with 100% Advance Payment		
ICICI Account Details		HDFC Account Details
A/C Name : Conduct Exam Technologies LLP A/C No. : 183505000561 Bank Name : ICICI IFSC Code : ICIC0001835 A/C Type : CURRENT Branch Name : Laxmi Nagar, Rajkot-Gujarat Branch Code : 1835 PAN No. : AALFC7629Q		A/C Name : Conduct Exam Technologies LLP A/C No. : 5020 002761 8493 RTGS/NEFT IFSC : HDFC0000661 Bank Name : HDFC BANK Branch : Bhaktinagar, Rajkot PAN No. : AALFC7629Q SWIFT CODE : HDFCINBB A/C Type : CURRENT
Note: Kindly drop an email after making the payment.		
We trust you find the quote satisfactory and look forward to your business. Please contact us in case of any query.		
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Best Practice - 2

Title of the Practice: UV Light Disinfection

1. Objectives of the Practice: COVID-19 Pandemic has altered the operational mode of entire dental fraternity pertaining to disinfection and sterilization. As COVID-19 infection spreads through surface contamination it is imperative to disinfect and sterilize all the surfaces related to dental instruments and equipment thoroughly.

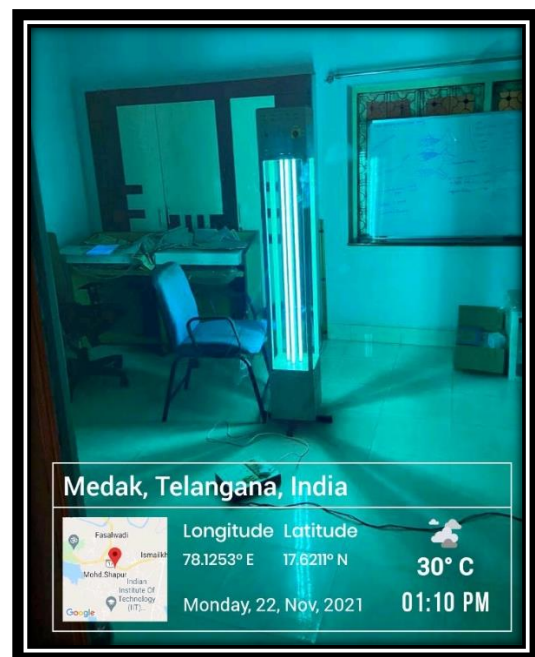
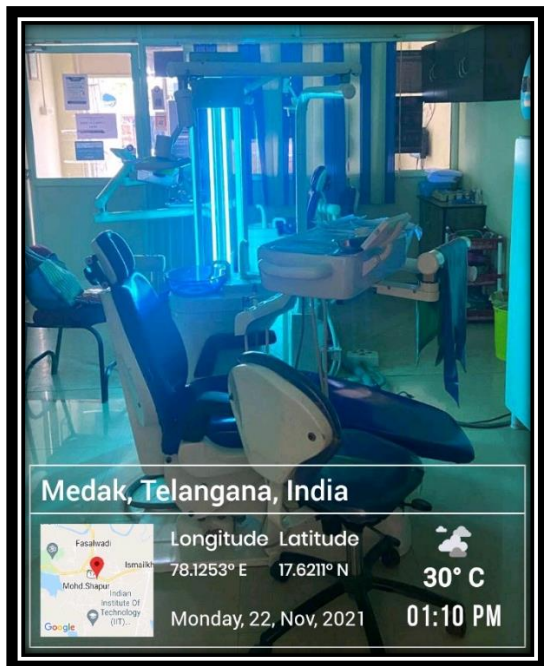
2. The Context: Patients rely on hospitals to help them heal, but with patient demographics and a patient volume that can change on any given day, the risk of healthcare-associated infections (HAIs) is real. According to the CDC, one in 31 hospital patients will battle an HAI—that's approximately 1.7 million patients infected every year in the U.S. Now more than ever it is critical that hospitals ensure that infectious diseases do not spread from surface to surface, room to room, floor to floor, and between departments. SARS-CoV-2 virus pandemic that caused COVID-19 disease has altered the entire dental community.

4. The Practice: UV-C radiation is a result of low-pressure mercury discharges (germicidal radiators). During the operation of these devices, a UV-C electromagnetic wave, with length ranging between 250 and 270 nm, is generated. The bactericidal mechanism of UV-C lamps is evoked by DNA damage. UV-C radiation eliminates or limits the ability of organisms to reproduce. The maximum bactericidal effectiveness for UV-C is around 265 nm. Disinfecting lamps should be selected according to the size of the clinical area, e.g., for a 15-18 m², two 30 W lamps should be used. In addition to classic bactericidal lamps, UV-C flow lamps are also available on the market, in which contaminated air is sucked in by a fan and pre-filtered. Then, the air is transferred to a disinfection chamber where it is subjected to irradiation.

As per the protocol, UV-C radiation lamp is switched on in clinical examination and operating areas of all the departments before start of the day and after every clinical session. In

every lecture hall before and after each class, UV-C radiation lamp is switched on ensuring the maximum disinfection for the students.

4. **Evidence of Success:** Disinfection with safe protocols resulted in the virus free environment and safe working area for the working clinicians and students.
5. **Problems Encountered and Resources Required:** The UV-C radiation lamp is relatively expensive. The direct exposure to UV light has an impact on living organisms, all persons, or other living creatures. So during the disinfection process persons shouldn't be exposed and have to leave the room before disinfection starts.



UV Light Disinfection in the Institute