**MAHE INSTITUTE OF DENTAL SCIENCES & HOSPITAL**
**Affiliated to Pondicherry Central University, Recognized by Dental Council of India**
**Chalakkara, P.O. Pallor, Mahe-673 310**
**U.T. of Puducherry. Ph : 0490 2337765**

## 7.2: The Institution has the following best practices

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ANIL MELATH
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# CERTIFICATE OF THE HEAD OF THE INSTITUTION

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**Dr. ANIL MELATH, MDS.,**

**PINCIPAL**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify the following are the Best Practices in our institution:

1. **Minds Nest**
2. **Digital Park**

DR ANIL.M

PRINCIPAL

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# BEST PRACTICE: DIGITAL PARK

1. **Title of the practice**: Digital Park

2. **Objective of the practice:**

- The objectives of the digital park are to improve understanding and motivation in patients.
- Dental Patient Education videos helps bridge the gap between patient's dental knowledge and their comprehension.
- The audio-visual aid is an effective tool in providing anticipatory guidance for convincing patient for dental procedures.
- Audio-visual distraction techniques provided an effective reduction in dental anxiety
- Good, audio-visual aids are those aids which help in completing the triangular process of learning that is motivation, classification and stimulation
- To serve an instructional role in itself
- To create interest among the group
- To understand various treatment procedures very effectively & clearly
- To provide best motivations and clear images
- ***To develop communication skills of interns by interaction with patients.***

3. **The Context:**

***The concept of digital park is in line with institutions vision of excellence in dental health care***. The main challenge in dental treatment is fear or anxiety towards various treatment modalities and lack of awareness of dental procedures. To overcome this challenge our institution formulated the concept of 'digital park'. Patients are calmer and more relaxed when they are prepared for their appointment and have information about their dental care. Television content that offers a step-by-step breakdown of an appointment process, introduces key staff members, and explains tooth care can help patients feel more in control, and therefore, less stressed. Video content can ease patients understanding on treatment aspect.

Audio visual aids are sensory objects or images which initiate or stimulate and reinforce learning. In order to make the learning experience more concrete, more realistic and more dynamic, audio visual can be used. Audio

visual aids are supplementary devices which helps to clarify, establish and correlate various dental concepts & treatment interpretations.

These audiovisual aids are under direct control of interns who are posted from Dept of PHD. The interns are in effect taught about effective communication skill with patients with different mental status.

## 4.The Practice

Fearful and anxious individuals often will feel that something horrible is going to happen during dental procedures, and hence avoid visiting the dentist. This behaviour ultimately will lead to bad oral hygiene and oral health. They will report to the dental clinic only when there is an acute emergency situation often needing complicated and traumatic treatment procedures, which will only make their fear worse, leading to complete avoidance in the future. With the advancements in Information Technology and Telecommunication, every field have moved from the real-world space to the web world. Our Patient Education videos are simple, yet have everything that a patient may want to know about a treatment process. The visual representation of a treatment process gives patients a clear understanding. Our patient education videos are created to provide patients an overview of every dental procedure. The content in our videos help patients get a picture of what the dental treatment is going to be like. Patients may still have questions and we believe it is for one good cause. When the patient is more informed on dental care, patient is the more confident about the treatment and that helps to give a better the relationship between dental practice and the patient.

We have introduced **"Brush and Learn about your Oral Hygiene"** – so that patients feel at ease and overcome their fears of visiting their dentist and also show willingness to openly clarify their doubts about oral health.

## 5.Evidence of Success

Various feedback forms were collected from patients to know the impact and efficacy of this digital park. The response was remarkably great. The patients understanding dental hygiene were got better and they get a very clear idea on various dental treatment aspects. Every person has a different learning style or characteristic for processing information. Based on differences in learning style, various educational methods can have a role in oral health education programs. It has been well recognized that a single mode of health education can never suit all learners. With the advancement in technology and the improvement in literacy rate, there is a need for amalgamation of various newer methods in imparting oral health education. Digital Park demonstration through illustration clarifies any point better than other techniques, and an educational film makes use of this fact. In the rapidly advancing scientific era, educational videos have emerged as

relatively popular tool for imparting health education. The embedding of video in bringing oral health awareness can make a significant difference in knowledge and attitude of the public. Video enhances, dramatizes, and brings a sense of realism, which can have a great impact on the population.

## 1. Problems encountered & Resources required

It is imperative to understand the evidence base, or lack of the information we access. This is a significant disadvantage of using social media

for learning, as it is difficult to ascertain the validity of the information given. Examples may include poorly referenced information, lack of evidence base, as well as the fact that any user can upload content to any website. Some, such as the BDA or FGDP(UK), are primarily educational. Others, such as those selling specific technologies or techniques, are set up on a more commercial basis and less likely to provide a discussion of a broad range of alternatives. In patient point of view, we can say that the same pattern wont suits to all. It has been well recognized that a single mode of health education can never suit all learners. Everybody is entirely unique. Some patients are not at all interested in all these, even though they are minority. Another main concern is the timely up dation of the data in the software

## 2. Notes

Oral health education, an important component of oral health promotion, has been considered an essential part of dental health services. It aims to promote oral health primarily by providing information to improve awareness, leading to adoption of a healthier lifestyle, positive attitudes, and good oral health behaviour. Audio-visual aids are valuable tools in education, more so, in the field of health education, as these have a long-lasting impression on the target population. Digital Park adopted in Mahe institute of dental sciences is an excellent model in dental education and services

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# NO.OF PATIENTS EDUCATED IN DIGITAL PARK FOR THE YEAR 2023-2024

| MONTH | NO.OF PATIENTS |
|---|---|
| JUNE | 279 |
| JULY | 220 |
| AUGUST | 384 |
| SEPTEMBER | 492 |
| OCTOBER | 406 |
| NOVEMBER | 359 |
| DECEMBER | 290 |
| JANUARY | 347 |
| FEBRUARY | 361 |
| MARCH | 392 |
| APRIL | 424 |
| MAY | 433 |
| TOTAL | 4387 |

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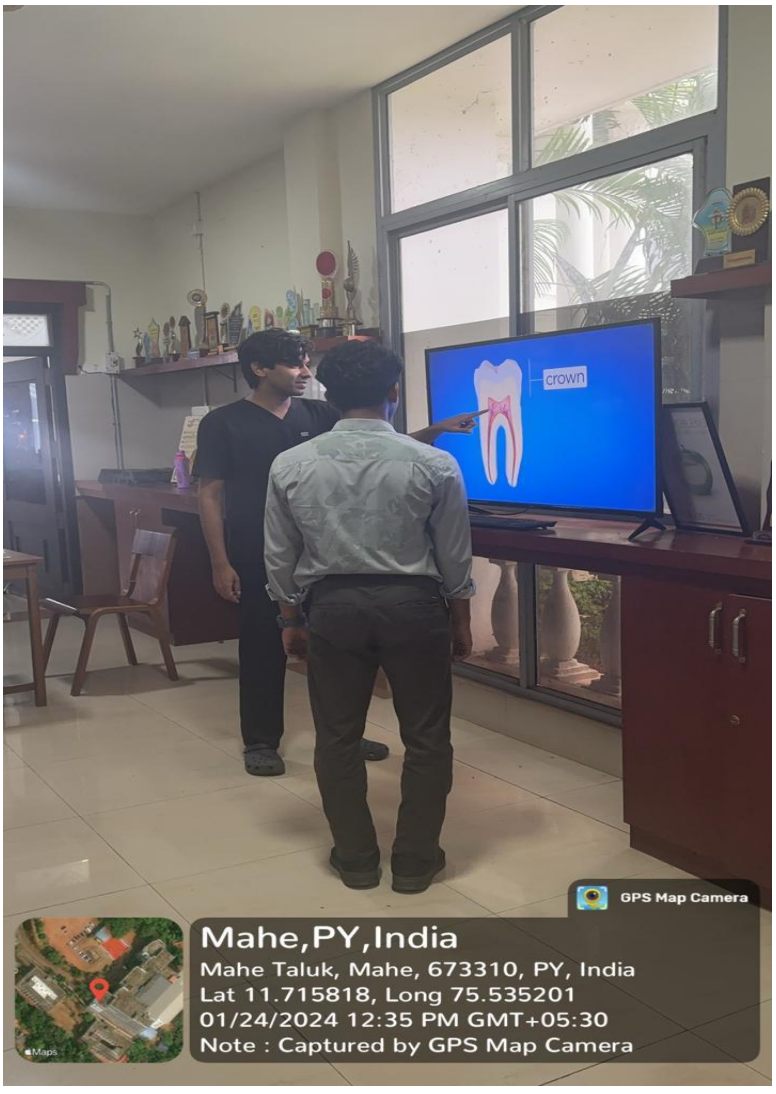
# DIGITAL PARK



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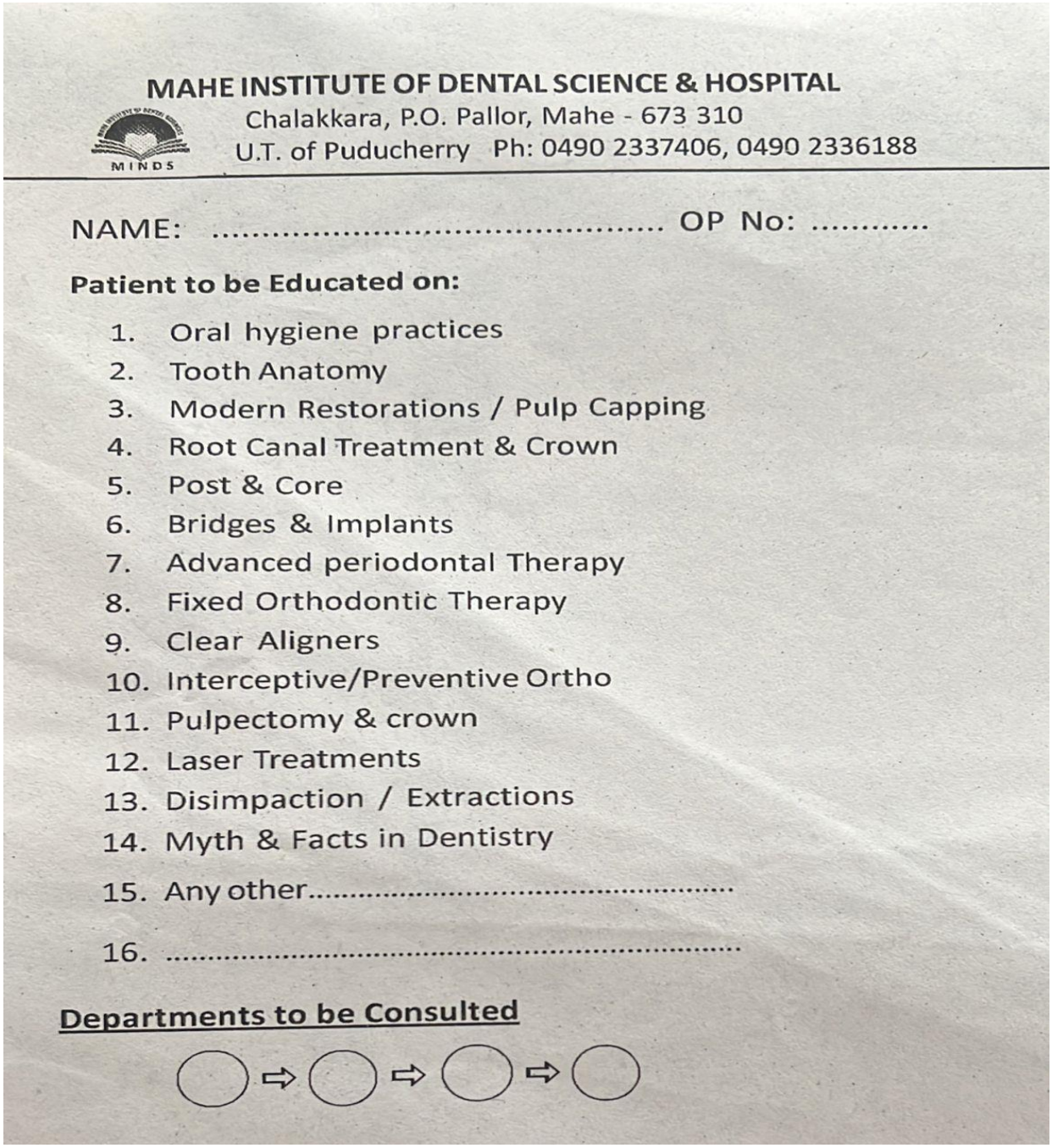
**SAMPLE COPY OF PATIENT EDUCATION CARD :**



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NAME: ..... OP No: .....

**Patient to be Educated on:**

1. Oral hygiene practices
2. Tooth Anatomy
3. Modern Restorations / Pulp Capping
4. Root Canal Treatment & Crown
5. Post & Core
6. Bridges & Implants
7. Advanced periodontal Therapy
8. Fixed Orthodontic Therapy
9. Clear Aligners
10. Interceptive/Preventive Ortho
11. Pulpectomy & crown
12. Laser Treatments
13. Disimpaction / Extractions
14. Myth & Facts in Dentistry
15. Any other.....
16. .....

**Departments to be Consulted**

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