



ADHIPARASAKTHI DENTAL COLLEGE & HOSPITAL

Recognised by Dental Council of India
Affiliated to The Tamilnadu Dr.M.G.R Medical University

A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

CRITERIA 7.2 – BEST PRACTICES

1. AAADAR - Adhiparasakthi Academy of Advanced Dentistry And Research

Objectives of the practice:

- To equip with recent advances in the field of dentistry and make them more competent clinicians
- To provide opportunities for interested students to develop more skills, clinical expertise and confidence
- To enhance better patient experience through latest and advanced facilities

The context:

The dental treatment is frequently complex, challenging and changing with time. There exists a need to provide advanced clinical and didactic training in disciplines of general dentistry beyond the training received in dental college. In order to adapt the dental students to the latest advancements and technologies of contemporary dentistry, **Adhiparasakthi Academy of Advanced Dentistry And Research** was started in March 2017.

The practice:

AAADAR is a **continuing dental education centre** founded by “**Arulthiru Bangaru Adigalar**” - President, ACMEC Trust, **Sakthi Thirumathi V.Lakshmi** - Vice-president, **Dr. T. Ramesh** - Correspondent, APDCH in March 2017. The academy conducts courses in all specialties of dentistry and provides an opportunity for **clinical mastery and breakthrough training**. AAADAR helps interns and PG students to adapt to the latest advancements and technology of contemporary dentistry. The course timings is from 9.30 AM to 2.30 PM every day.

The academy conducts **Competency/Fellowship program in Oral Implantology**. In addition, **LASER Dentistry** course is being offered in collaboration with **Institute of Advanced LASER Dentistry (IALD)**. The academy provides theoretical lectures as well as hands-on workshop to the students at a regular intervals. A separate schedule has been framed for the students to participate in focus group discussions and interactive sessions. Oral Implantology course has two modules while LASER Dentistry course includes one module.



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Module - 1: Oral Implantology

- Introduction
- Osseointegration
- Surgical and radiological anatomy
- Case selection in implants
- Surgical steps
- Medical and local complications
- Case discussion and hands-on

Module - 2: Oral Implantology

- Loading in implants
- Occlusion in implants
- Implant prosthetic options
- Hard and soft tissue grafting
- Failure and maintenance
- Management of maxillary posterior edentulous spaces

Module - 3: LASER Dentistry

- History and fundamentals of LASERS
- LASER at work
- Soft tissue LASER
- Hard tissue LASERS
- Low level LASER therapy
- Clinical applications of soft tissue LASERS
- Clinical applications of hard tissue LASERS
- LASER bleaching, LASER welding
- LASER in Endodontics



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The academy is equipped with **state-of-art infrastructure** and provides latest dental equipment's to ensure that the students gain an insight into Implant and LASER dentistry. The students are also trained to use various dental equipment's including

- Surgic Pro
- Variosurg-3
- Bio-Lase
- Physiodispensor
- Implant kits (Adin, Equinox, Nobel Biocare & Genesis)
- Flapless kit
- Piezoelectric system
- Light cure unit (LEdition by IVOCLAR)
- RVG Sirona
- NSK Endomotor
- Intraoral scanner - Trios by 3shape (direct optical impression)



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Evidence of success:

Seventeen students have enrolled and successfully completed this course. A total of **64** implants were placed during **2017** and **90** implants were placed till **August 2018** under the guidance of Dr.N.Venkatesan-Professor, Dr.Sakshi Madhok-Reader and Dr.I.Ramesh Kaarthick-Lecturer. The academy is one of the **finest continuing dental education provider** inculcating a sense of pride and dignity in the dental profession through continuous ethical practices. This course has been successful in eliminating the insecurities felt by the interns and PG students regarding latest advancements in dentistry. A win-win situation has been created for students and patients in providing **quality patient oriented services**. Apart from Oral Implantology and LASER dentistry, the other courses planned for the future include:

- Cosmetic dentistry
- Rotary endodontics
- Impaction surgery
- Digital dentistry
- Orthodontics for general practitioners

2. ISO 9001:2008 certification

Objectives of the practice:

- To identify and address the **internal and external issues** pertaining to both academic and non-academic departments
- To meet the **requirements as given by the Dental Council of India and University norms**
- To **improve the quality of services** offered to the patients

The context:

The standard of dental care can be improved if the dentist offers their patients a service complying with internationally recognized technological and hygiene requirements. ISO 9001:2008 is related to the **Quality Management System**, thus establishing the System of Operations, improving patient satisfaction and heightening the overall prestige of the dental college.



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The practice:

ISO accreditation acts through creation and execution of **Standard operating protocols** as guidelines for tasks related to academic process and non-academic process. Based on these standard guidelines, **Quality Management System (QMS)** has been organized in the college and is functioning effectively for the recognition of professional qualifications and of the infrastructure of our dental college. **QMS Coordinators** were allotted at the internal and external level to systematize and provide information for the academic and non-academic departments.

The **academic departments** in our college includes:

1. Oral Medicine and Radiology
2. Conservative Dentistry And Endodontics
3. Oral And Maxillofacial Surgery
4. Prosthodontics Crown And Bridge
5. Periodontics
6. Pedodontics
7. Orthodontics And Dentofacial Orthopedics
8. Public Health Dentistry
9. Oral Pathology And Microbiology

In addition, **academic cell and examination cell** has been formed at the institutional level to monitor the academic progress of the UG and PG students.

The **non-academic departments** in our college includes:

1. Administration
2. Admissions
3. HR Training
4. Purchase & Stores
5. Transport
6. Library
7. Information and Technology
8. Dental Equipment Maintenance
9. General Maintenance
10. Gents Hostel
11. Ladies Hostel
12. Hostel Mess



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All the academic and non-academic departments in our college have framed **Standard Operating Protocols/policies** on evidence based principles and are effectively following these protocols. Documentation of department activities is properly maintained by the department ISO in-charge and is supervised by the Head of the Department or Manager (in case of Non-academic department). Every department have arranged their department related files and documents (both as hard copy and soft copy) in a sequential order for easy access and functioning. A **department meeting** has been arranged at the first week of every month and the Head of the Department/Manager regularly verifies the documents. Based on the suggestions or changes given by the Head of the Department/Manager, the Department ISO in-charge modifies the documents.

All the information related to the department activities, teaching and non-teaching staff members, BDS and MDS students as well as Interns is being maintained in a systematic manner and is closely monitored by QMS of our college. Once in every 3 months, **internal audit** is conducted for all the academic and non-academic departments. The internal audit is planned in such a way that there is adequate time for the QMS Coordinators to verify the documents and point out any change to be made. The auditors provide their impression about a department in terms of:

- **Compliance / Non-Compliance**
- **Observations** which are usually corrected and submitted within a time limit.
- **Non-Confirmatory Report (NCR)** which includes non-traceable or non-documented information. Once NCR is issued, the department must provide a **Corrective and Preventive (CAP) Report** citing the corrective measures as well as actions which will be taken to prevent any such instances in the future.

After the completion of two internal audits, a **Management Review Meeting (MRM)** is held every six months to periodically review the QMS and ensure its continuing suitability, adequacy and effectiveness. If there is any need for changes to quality policy, objectives, targets or other elements of QMS, the MRM provides updated guidelines which are then implemented to improve QMS. Based on MRM reports, necessary modifications are done all the departments and are verified by the QMS Coordinators. All the ISO activities have been pre-planned to ensure that there are four internal audits and two MRM meetings held every year.



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Evidence of success:

With the adoption of Quality Management System, there is tremendous improvement in terms of the organisation and management of our dental college. **The academic performance as well as clinical performance improved.** This led to cut down on financial losses caused by a poor use of resources. The **efficiency levels of the students and staff members** improved due to standard operational procedures, skill sets and an organised approach. The patients attending our dental college are provided with **quality patient oriented services** catering to individual needs.

After the successful completion of internal audits and MRM meetings, the reports generated have been submitted to ISO 9001:2008 certification body. They visited our dental college and conducted the certification audit in two stages. ISO Peer Audit team evaluated the existing Standard Operating Protocols and Apex Manuals related to the academic and non-academic departments. The audit team checked if all the main elements of QMS like documentation, records, measurements, processes are in accordance with the standard guidelines. In both the stages, all the academic and non-academic departments were audited against the **guidelines given for updation/implementation of QMS through Master Retained Documented Information.** After the completion of audit, our college has been certified with ISO 9001:2008, an **official acknowledgement of our commitment** to stay up-to-date with new methods and techniques, and raising the standards of care. This certification has also given our practice head and shoulders over the others, thus **boosting our reputation and increasing visibility.**


PRINCIPAL

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