



SRI RAMACHANDRA
DENTAL CENTRE

Sri Ramachandra Dental Center, Chennai-600116

Fellowship Program in ‘Cleft Lip and Craniofacial Orthodontics’

The Sri Ramachandra Dental Center and Department of Orthodontics & Dentofacial Orthopaedics is pleased to announce the admission to

Fellowship Program in ‘Cleft Lip and Craniofacial Orthodontics’

Course Details:

Name of the Program: Fellowship program in ‘Cleft Lip And Craniofacial Orthodontics’

- **Qualification** : MDS (Orthodontics & Dentofacial Orthopaedics)
- **Number of seats** : 1 (starts from December 2023)
- **Course Duration** : One year
- **Course Fee** : Rs. 1,50,000 (Rupees One Lakh and Fifty thousand only) + 18% GST applicable
- **Stipend** : Nil
- **Training timings** : 8.00 AM to 4.00PM
- **Attendance requirement for examination:** 90%
- **Last date for submitting Application:** 10th November 2023
- **Training commences in December 2023**

Those interested may kindly submit the prescribed application form to the below address.

Address for communication:

The Medical Superintendent (Dental)
Sri Ramachandra Dental Center, Porur, Chennai-600116
Phone – 044 – 24768027; Extn: 8201 (8 am to 4 pm)

Website: www.sriramachandra.edu.in
E mail: ms.dental@sriramachandra.edu.in

Contact Person: Dr Siva Subramaniam- 9840025621



SRI RAMACHANDRA

DENTAL CENTRE

Sri Ramachandra Dental Center, Chennai-600116

Fellowship Program in ‘Cleft Lip and Craniofacial Orthodontics’

Application Form: 2023-2024 session

S.No.	Candidate Details	Information
1.	Name of Candidate (BLOCK letters- as given in provisional / degree certificate)	
	Expand the Initials	
	Complete Address (District / State / Pincode)	
	Communication Address (District / State / Pincode)	
	Phone No: LandlineNumber: Mobile Number:	
	E-mail ID:	
	Father's / Husband's Name:	
	Mother's Name:	
	Contact Number of Parent	
2.	Gender of Candidate	Male/ Female
3.	Date of Birth [DD/MM/YY] / Age (yrs)	
4.	Place of Birth	

5.	DCI registration number (Please enclose certificate) If applied for, it has to be submitted before admission	
6.	Qualifying Examination (please provide self- attested copies of the provisional / degree certificates)	
7.	Name and address of the Dental College and Affiliated University Undergraduation: Postgraduation:	
8.	Whether college or course is recognized by DCI	Yes / No
9.	Whether the candidate has passed the exams on the first attempt Undergraduation: Postgraduation:	Yes / No. If no, mention the number of attempts. If yes, write NA below
10.	Papers / Posters presented (mention number only and provide copy as attachment)	

	Undergraduation: Postgraduation:	
11.	Publications (mention number only and provide copy as attachment)	
12.	Any other advanced training attended (mention number only and provide copy as attachment)	

DECLARATION BY THE CANDIDATE

I declare that the information furnished by me herein is true and correct. In case any information furnished herein is found to be incorrect or any document is found to be not genuine, I agree to forego my claim for admission and abide by the decision of the Sri Ramachandra Dental Center authorities.

I further declare that I have read the prospectus furnished with the application form fully and understood the contents therein clearly and I hereby undertake to abide by the conditions prescribed therein. I undertake to abide by the Rules and Regulation of Sri Ramachandra Dental Center.

Place:

Signature of the Candidate

Date:

Name:

Checklist of Documents: (Copies to be sent as attachment along with application form)

S. No.	Document	Provided (sent as attachment) Please tick as applicable
1.	BDS Degree Certificate	Yes / No
2.	MDS Degree certificate	Yes/ No
3.	DCI registration certificate	Yes/ No
4.	Papers/ Poster presentation certificate	Yes/ No
5.	Publications	Yes/ No
6.	Advanced Training	Yes/ No

Submit online Application (with attachments) to

The Medical Director (Dental),
Sri Ramachandra Dental Center, Porur, Chennai – 600 116.
Email: ms.dental@sriramachandra.edu.in

With copies marked to

dean.dental@sriramachandra.edu.in
vc@sriramachandra.edu.in
registrar@sriramachandra.edu.in

REGULATIONS AND SYLLABUS FOR THE FELLOWSHIP IN 'CLEFT AND CRANIOFACIAL ORTHODONTICS'

INTRODUCTION AND RELEVANCE:

The cleft wing of the Department of Orthodontics, has been functioning from the year 2001. An average of 30-40 new cases are treated per year by a trained specialist under the roof of SRIHER (DU). The clinic is staffed by a faculty member who has undergone a Clinical Fellowship in Cleft lip and craniofacial orthodontics with 13 years of clinical experience. Postgraduates from the Department of Orthodontics undergo clinical exposure and attend treatment camps for patients with cleft lip and palate twice a month.

This training program is for orthodontists who wish to sub-specialize in this field and develop the skills needed to treat patients with cleft lip and palate.

As an Orthodontist, the exposure to cleft lip and palate patients during postgraduation is quite limited. SRIHER (DU) is a tertiary care center and has a well-established team handling patients with oral clefts. The center is associated with the TRANSFORMING FACES, Canada. For more details, log on to: <https://transformingfaces.org/>

This fellowship offers the specialized skills essential to treat patients with cleft lip and palate, thus rendering yeoman service to the society.

Program Director: Dr. C. Siva Subramanian

Dr. C. Siva Subramanian is currently an Associate Professor in the Department of Orthodontics and Dentofacial Orthopedics and Consultant Cleft and Craniofacial Orthodontist at the Cleft and Craniofacial Centre of SRIHER (DU). Dr. Siva has completed his Clinical Fellowship in Craniofacial Orthodontics in 2013 at the Chang Gung Hospital, Taipei, Taiwan under the Program Director Prof. Dr. Eric Liou.

Aim of the program:

To acquire specialized knowledge in all aspects of cleft and craniofacial orthodontics

Objectives of the program:

To enable each candidate

1. To make diagnostic records for patients with cleft palate
2. To distinguish and explain the differences in diagnosis and treatment planning of a cleft patient from that of a non-cleft patient.
3. To perform the various components of Naso Alveolar Moulding with its pros and cons
4. To acquire sound knowledge of fixed appliance mechanotherapy in cleft lip and palate patients
5. To develop adequate knowledge of the indications and usage of various expansion appliances
6. To plan specific cases requiring distraction osteogenesis
7. To acquire knowledge of the indications and usage of external and internal distractors
8. To plan orthognathic surgeries for various clinical conditions, perform facebow transfer and fabricate splint.
9. To develop a basic foundation to carry out dental research in cleft lip and palate.

REGULATIONS FOR
FELLOWSHIP PROGRAM IN 'CLEFT AND CRANIOFACIAL ORTHODONTICS'

ELIGIBILITY

Candidate for admission to the Fellowship Program in Cleft and Craniofacial Orthodontics shall be required to possess the following qualifications:

- (a) He / she must have qualified for MDS (master's in dental surgery) – Orthodontics and Dentofacial Orthopaedics from this University or of any other University recognized as equivalent thereto by the authority of this University and the Dental Council of India and obtained permanent registration from any of the State Dental Councils.
- (b) The admitting authorities of the Sri Ramachandra Dental Center will strictly ensure that every candidate admitted to the Fellowship Program in Cleft and Craniofacial Orthodontics has obtained permanent registration certificate from any one of the State Dental Councils.

REGISTRATION

A candidate admitted to Fellowship Program in Cleft and Craniofacial Orthodontics of Sri Ramachandra Dental Center, Porur, Chennai-600116, shall register his / her name with the Dental Center by remitting the prescribed fees along with the application for registration duly filled in and forwarded to the Medical Superintendent (Dental) of the Faculty of Dental Sciences.

DURATION OF THE COURSE

- (a) The period of certified study and training for the Fellowship Program in Cleft and Craniofacial Orthodontics shall be ONE academic year for the award of Fellowship Certificate.
- (b) No exemption shall be given from the period of study and training.

COMMENCEMENT OF THE COURSE

The academic year for the Fellowship Program in Cleft and Craniofacial Orthodontics would ordinarily commence from the month of December of every academic year.

CUT-OFF DATES

The candidates admitted and registered from 1 December 2023 to 30 November 2024 shall take up their regular examinations during November at the end of one year of the course. The course will begin in December 2023.

COMMENCEMENT OF EXAMINATIONS

There shall be an examination at the end of every module in an academic year – Total of four modules with four examinations. The exams at the end of each of the three modules will be for 50 marks and will be used for formative assessment. The examination at the end of the fourth module will be the final examination for 200 marks and will be used for summative assessment and deciding the issue of the fellowship certificate.

ATTENDANCE REQUIREMENT FOR ADMISSION TO EXAMINATION

No candidate shall be permitted to appear for the examination unless he / she puts in 90% attendance during his / her period of study and training and produces the necessary certificate of study, attendance and progress from the Course Director.

CONDONATION OF LACK OF ATTENDANCE

There shall be no condonation for lack of attendance for Fellowship Program students.

NUMBER OF APPEARANCES

A candidate registered for the Fellowship Program in Cleft and Craniofacial Orthodontics must qualify in the examinations within two consequent attempts from the date of his / her admission, failing which he / she shall be discharged from the course.

MAINTENANCE OF LOGBOOK

1. Every Fellow shall maintain a record of skills he / she has acquired during the one year training period certified by the Course Director / Faculty of Departments under whom he / she has undergone training.
2. In addition, the Course Director shall involve their Fellows in Group Discussions and participation in clinical conferences.
3. Every Fellow will be encouraged to present short title papers in conferences and to make

improvements on it and submit them for publication in reputed medical journals.

4. The Course Director shall scrutinize the logbook once at end of every module.
5. The logbook should be submitted at the time of clinical / practical examination for the scrutiny of the Board of Examiners.

Award of Certificate

Certificate will be awarded duly signed by the Course Director of the Fellowship Program, Medical Superintendent [Dental] of Sri Ramachandra Dental Hospital. **This program does not come under the purview of Dental Council of India and is not an additional registerable qualification with the Dental Council of India.**

SYLLABUS

A. Essential Knowledge

1. The trainee should acquire knowledge pertaining to cases of cleft lip and palate.
2. Pre- and post-natal growth and development of craniofacial complex.
3. Team management or multidisciplinary team approach with other specialities.

B. Essential Investigation and Diagnostic Procedure

1. Using Dolphin cephalometric software to evaluate skeletal discrepancy.
2. Flexible fiberoptic naso endoscopy to evaluate Velopharyngeal function.

C. Skills

1. Orthodontic preparation of the alveolar segments for alveolar bone graft.
2. Fabrication of various expansion devices for cleft collapsed arches.
3. Designing distractor device for Anterior maxillary Distraction.
4. Construction of surgical splint for cleft orthognathic surgery.
5. Mock surgery

D. Attitude

Trainee should develop compassionate attitude towards cleft lip and palate patients and their parents.

E. Communication abilities

The trainee should be able to develop and maintain a good relationship with the various specialities to develop good principles of team management.

Scheme of Examination Conducted at the end of the program

Clinical skill: Practical examination

1. Clinical exam – involves diagnosing and treatment planning for a patient given on the day of exam. The candidate will be required to complete the tests in the stipulated time and answer relevant questions.

OSCE examinations

- 1: OSCE to test basic knowledge – 30 marks
- 2: OSCE to test clinical application – 70 marks

Theory Paper – 100 marks

- 2 Essays 10 marks each (20 marks)
- 8 Short Notes 5 marks each (40 marks)
- 30 MCQs 30 marks (30 marks)
- Internal assessment Case records (10 marks)

Total marks: OSCE and Theory - 200 marks

Aggregate passing minimum: 50 / 100

Note: Short exams of 50 marks will be conducted at the end of every module for evaluating the understanding and progress shown by the candidates

Scheme of Training Program

Protocols for Training: Module Based Training System- 4 training modules once in three months with **20 working** days of training per module, over one academic year

Total of 80 days (average of 480 hours) in one academic year

1. **FIRST MODULE (December - Feb):** Introduction to cleft lip and palate, impression making: 5 patients, bonding of brackets: 5 patients, insertion and activation of 3 expansion appliances, observation of preparations required for orthognathic surgeries and distraction osteogenesis, 1 camp
2. **SECOND MODULE (March – May):** Diagnosis and treatment planning for patients requiring orthognathic surgeries, impression making : 5 patients, bonding of brackets : 5 patients, insertion and activation of 2 expansion appliances; treatment planning, facebow transfer and splint fabrication for 1 patient requiring orthognathic surgery, 1 camp
3. **THIRD MODULE (June- August):** Diagnosis and treatment planning for patients requiring distraction osteogenesis; treatment planning, facebow transfer and splint fabrication for 4 patients requiring orthognathic surgeries, treatment planning and usage of external and internal distractor in 1 patient, 1 camp
4. **FINAL MODULE(September - November):** Treatment planning and usage of external and internal distractor in 4 patients, presentation of one short study and one review article

Short exams of 50 marks will be conducted at the end of every module for evaluating the understanding and progress shown by the candidates.

Final exam of 200 marks will be conducted at the end of the four modules.

JOURNALS

1. The Cleftpalate craniofacial journal Sage publication
2. Journal of cleft lip palate and craniofacial anomalies. Medknow publications
3. Indian journal of cleft lip and palate ACPA

TEXTBOOKS

1. Cleft lip and palate treatment. Alonso springer publication
2. Complete cleft care – Steven Thieme
3. Cleft Lip and palate management A comprehensive atlas. George KB Sandor
4. Cleft lip and palate Diagnosis and Management. Samuel Berkowitz Springer

SEARCH ENGINE

Pub med / Medline /

FELLOWSHIP IN “CLEFT AND CRANIOFACIAL ORTHODONTICS”

SCHEME OF EXAMINATION

(AT THE END OF THE ONE YEAR PROGRAM)

PAPER	PATTERN	MAXIMUM MARKS	TOTAL MARKS	PASSING MINIMUM
Theory	- 2 essays: 10 marks each	20	100	50
	- 8 short notes: 5 markseach.	40		
	- 30 MCQ: 1 markeach	30		
	- Internal assessment- Caserecords	10		

Aggregate passing minimum:50/100