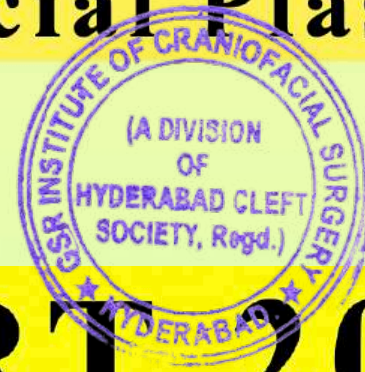


# HYDERABAD CLEFT SOCIETY



GSR Institute of Craniofacial and Facial Plastic Surgery



## ANNUAL REPORT 2023



CLEFT-CHILDREN INTERNATIONAL CCI  
Founder, Prof. Dr., Dr. med. dent., Dr. h.c. mult. Hermann F. Sailer

SMILE  
HOUSE  
Fondazione ETS



Cleft and Craniofacial Surgery—Training—Research  
Orthodontics—Speech Therapy—Nutrition  
Paediatrics—Counselling—Cleft School Project

### Revolutionising Healthcare by Empowering the Next Generation

With a focus on inclusivity for both patients and surgeons, GSR prioritises diversity in leadership. Notably, 80% of our staff is female, and 40% comprises of our very own cleft patients.

Through mentorship, leadership training, and flexible work arrangements, we empower young surgeons and support individuals with cleft conditions. These efforts align with our mission to provide cutting-edge healthcare services with compassion, advancing the quality and inclusivity of care for our diverse patient population.



**Prof Dr Dr Srinivas  
Gosla Reddy**  
**FRCS, PhD**  
**Director**



# GSR HOSPITAL



## Cleft School Project

The achievements of our children reflect a harmonious blend of academic prowess and a vibrant spirit, fostering a holistic development environment, including speech therapy and orthodontics.



**Dr Pragjyoti Jha**  
**School Project Director**

## Orthodontics

Our philosophy of holistic treatment led us to complete more than 100 orthodontic cases of cleft patients through the support of Smile Train.



**Dr Hemwati Nandan**  
**Orthodontist**

## Speech Therapy

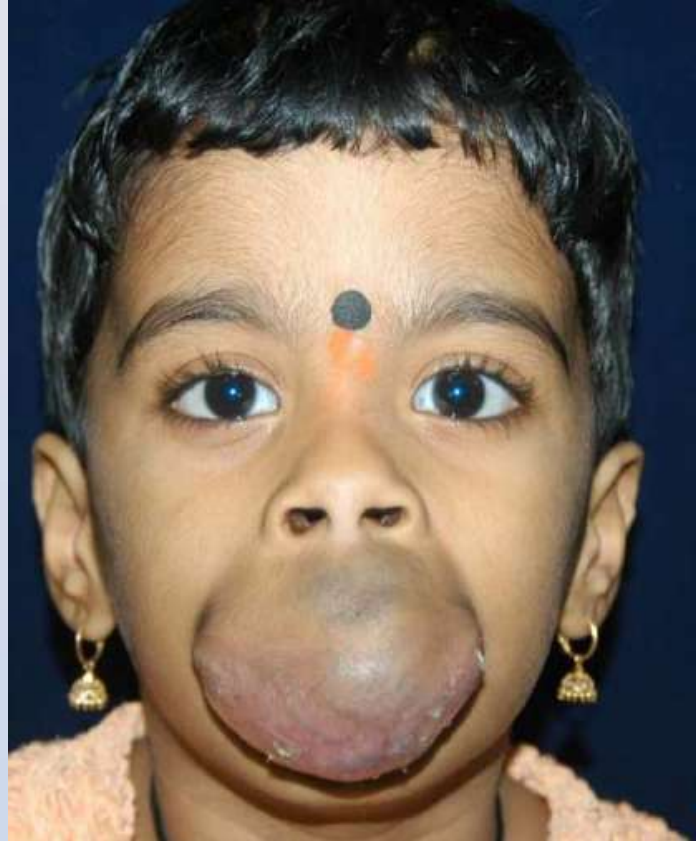
We did 780 speech assessments, 288 speech counselling sessions, and 1200 online and offline speech therapies. We are grateful to Smile Train for their continued support.



**Dr Myrtle Ciphora**  
**Speech Pathologist**



# OUR LONG TERM OUTCOMES





GROWING UP AND WORKING WITH GSR!





# SURGERIES

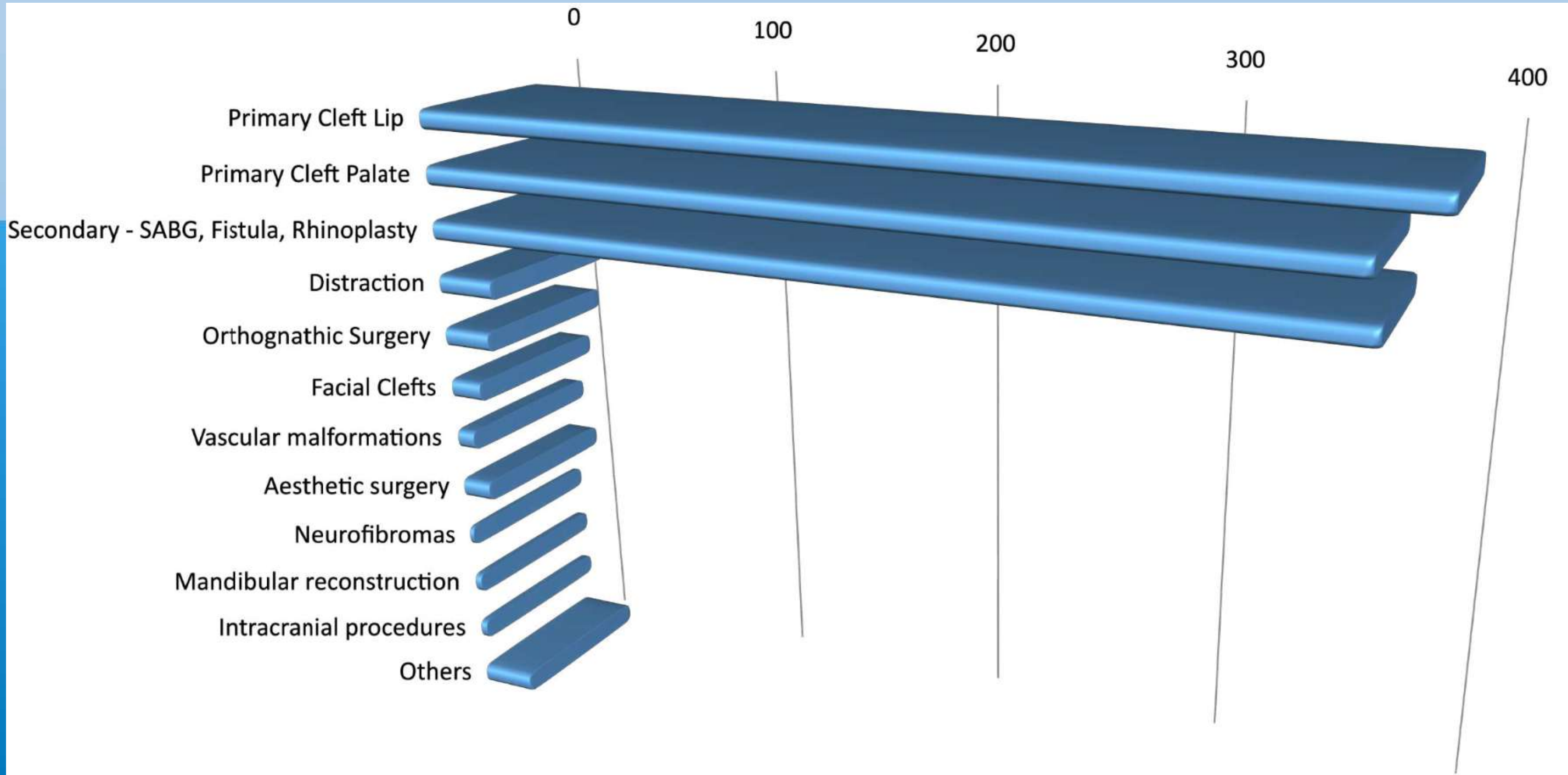


GSRICFS conducted surgeries for a total of 1,233 patients in 2023, including 390 primary cleft lips, 367 primary palates, and 371 secondary cases.

These secondary cases encompassed procedures such as alveolar bone grafting, fistula closures, and rhinoplasties. We extend our sincere appreciation to Smile Train for their continuous support in making these surgeries possible.



Additionally, we performed 5 Anterior Maxillary Distraction procedures, 15 Mid-face Distraction procedures, 25 orthognathic and orthomorphic surgeries, 4 genioplasties, 8 vascular malformations, 7 aesthetic rhinoplasties, 14 facial clefts, 2 neurofibromas, 3 mandibular reconstructions, and 19 facial trauma surgeries. Furthermore, we carried out 3 intracranial procedures.





# OUR SURGEONS IN ACTION

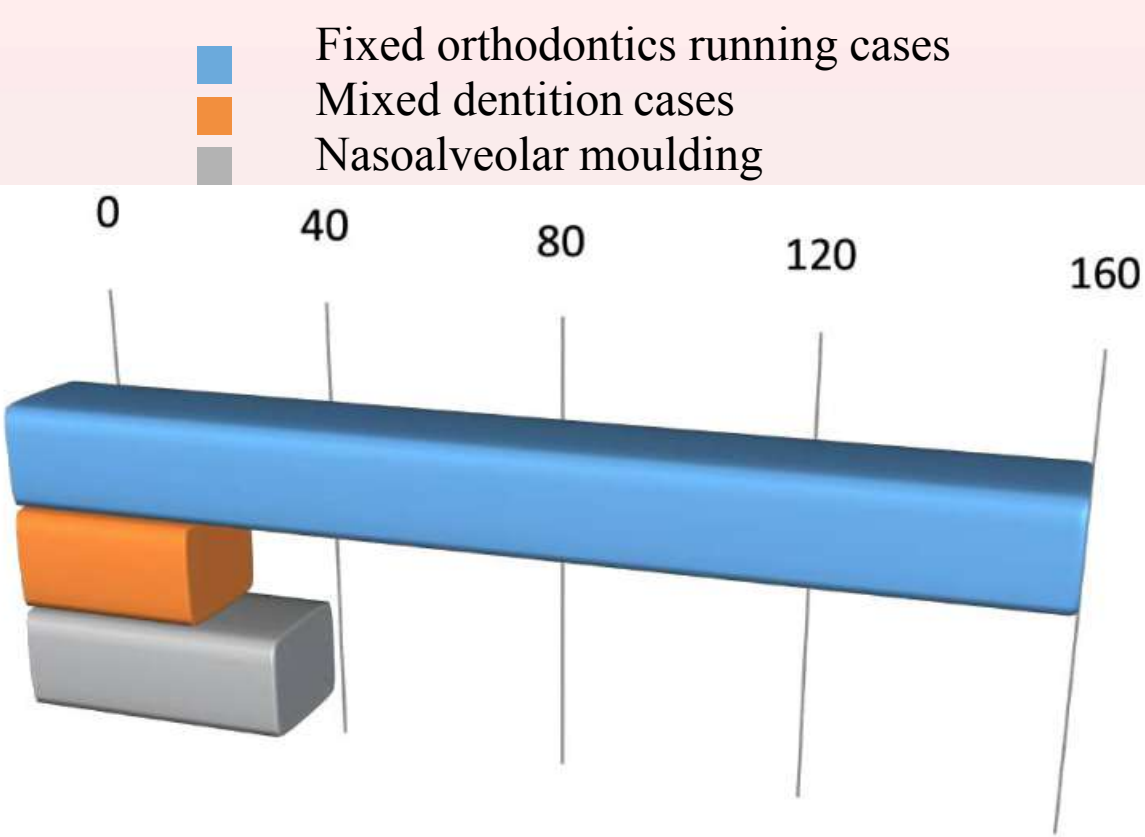




# ORTHODONTICS

Year 2023

Fixed orthodontics running cases - 160  
Mixed dentition cases - 30  
Nasoalveolar moulding - 44





# ORTHODONTICS





# 3D LAB



University  
of Basel

**Radboud University**

*Nijmegen, the Netherlands*





# SPEECH THERAPY

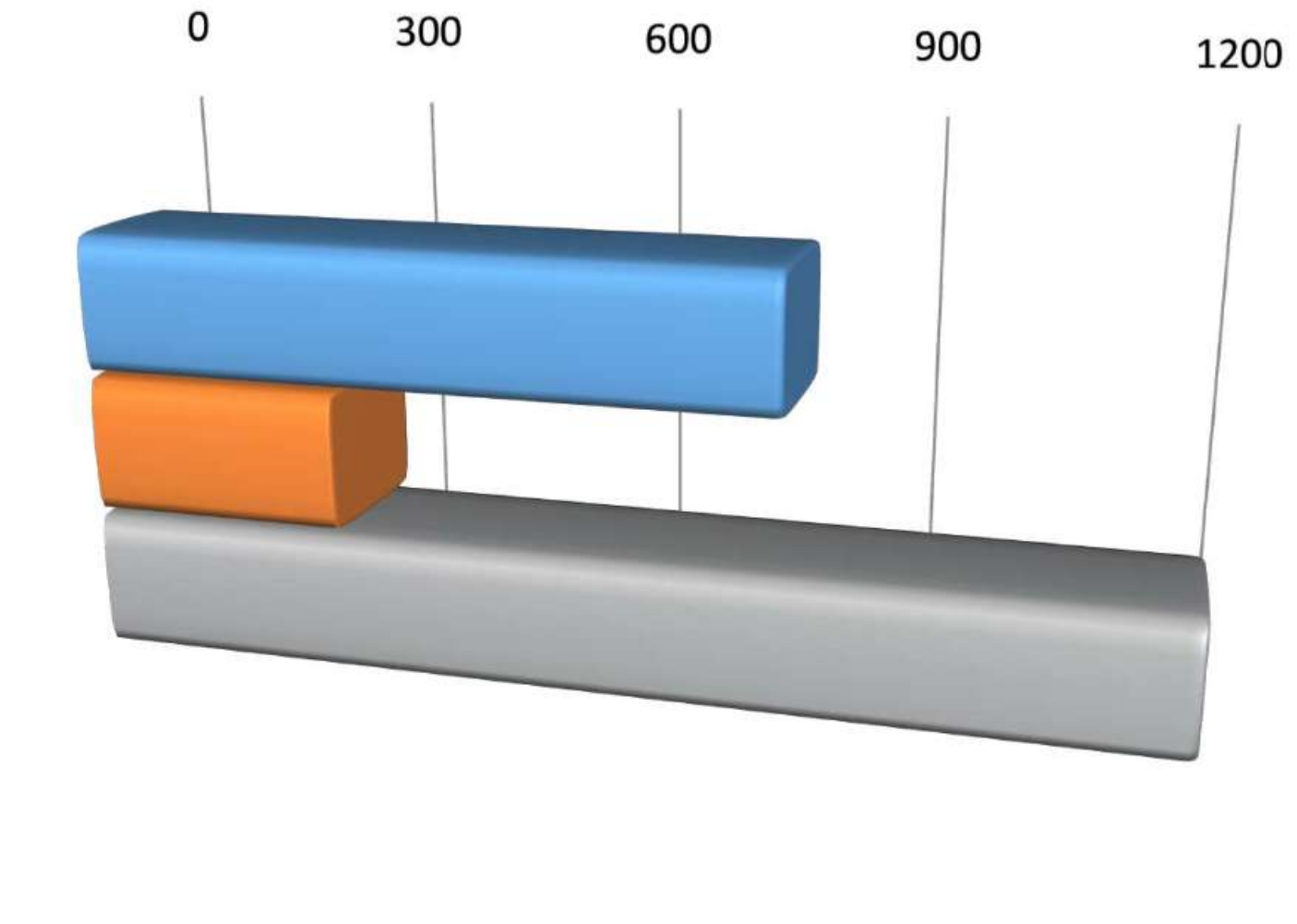
■ Speech assessments ■ Counselling ■ Speech therapy

## Year 2023

Speech assessments - 780

Counselling - 288

Therapy - 1200 sessions  
(offline and online)





# SPEECH THERAPY

## Lectures

1. IndoCleftCon - March 2023 - Belgaum, Karnataka - An insight into the spectrum of passive speech productions in patients with cleft lip and palate.

2. CLEFT HONCON - November 2023 - Yenepoya Medical College, Mangalore - Speech and language assessment and management of cleft lip and palate - Overview.



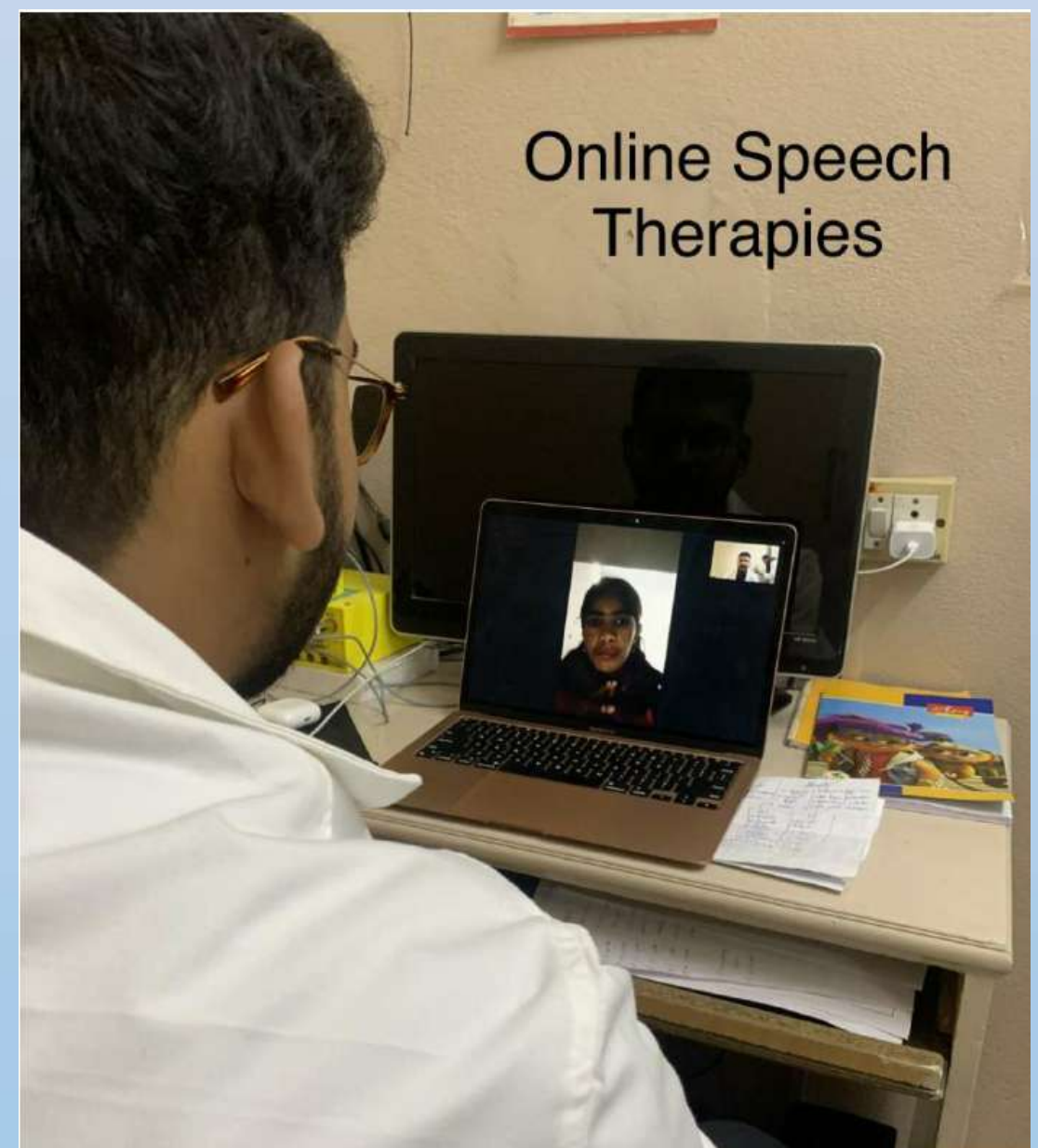
## Speech and language services internship

1. Ms Vijapurapu Aparajitha and Ms Shet Apurva - Jan-Feb

2. Ms Khushi Desai and Ms Meghana Puppala - Apr-May

3. Mr Farhan Ali and Mr E Sai - Aug-Sep

4. Ms Gracy and Ms Divita - Oct-Nov





# NUTRITION



Ms Spandhana Mekala  
Nutritionist

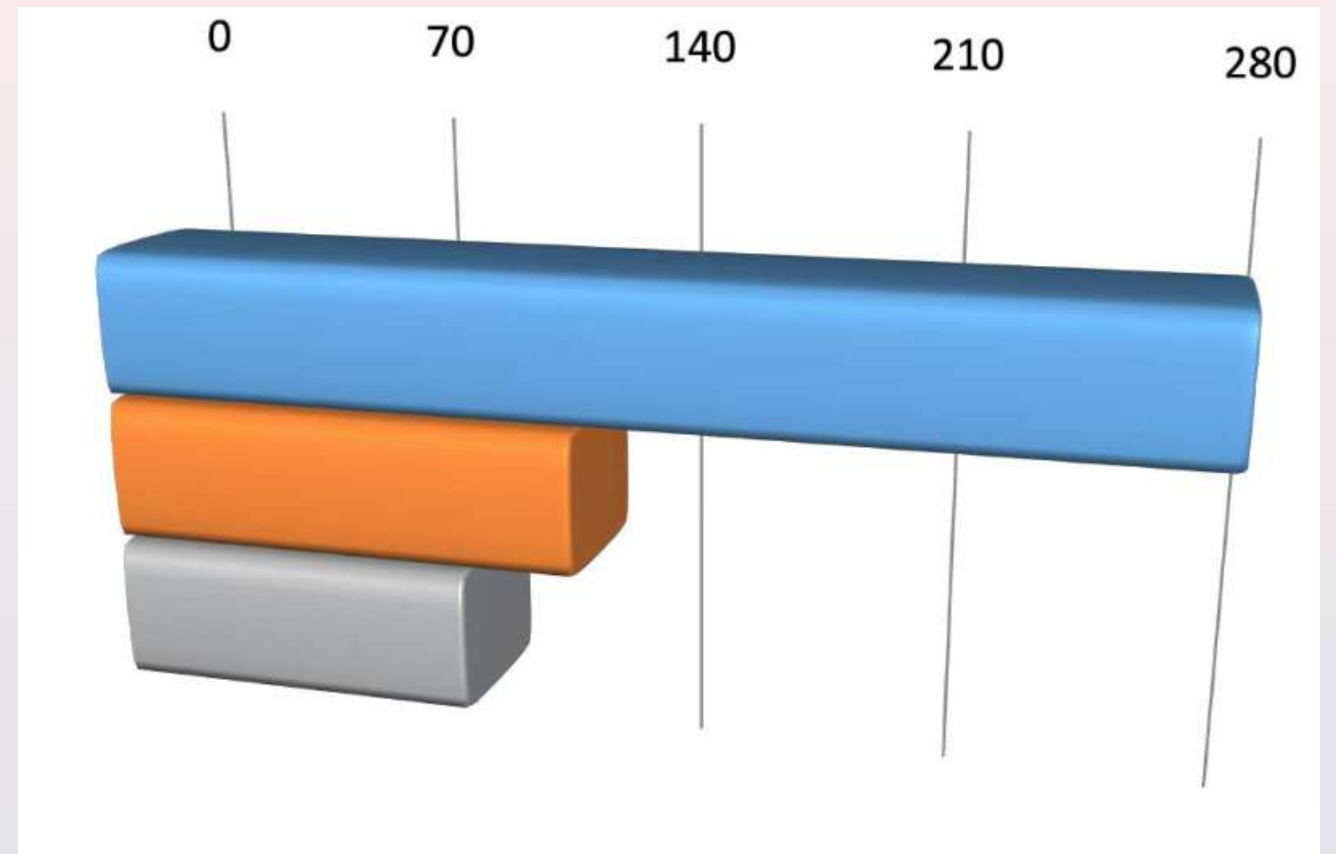
**Year 2023**

Nutrition counselling - 280

Weight management planning - 125

Diet charts - 96

■ Nutrition Counselling ■ Weight management planning  
■ Diet charts



## Haberman Feeding Bottles Donation

A happy and satisfied father of one of our patients donates feeding bottles every year. These bottles serve as more than just tools; they're instruments of comfort and nourishment, making a significant difference in the lives of our cleft patients.



# PEDIATRICS



Dr Swetha B  
Paediatrician

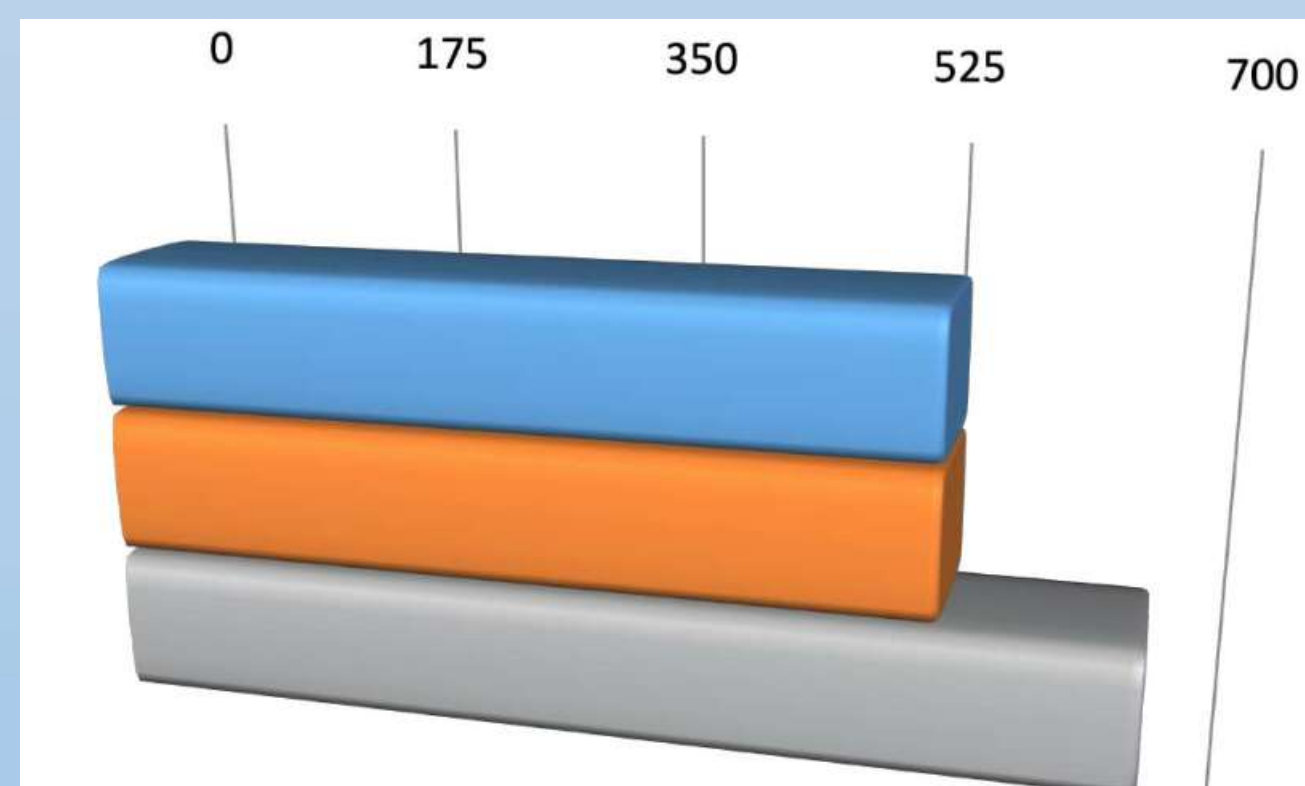
**Year 2023**

Preoperative assessment - 535

Postoperative evaluation- 535

Counselling - 653

■ Preoperative assessment ■ Postoperative evaluation  
■ Counselling





# GUESTS

1. Dr Ravindranathan - Malaysia 🇲🇾

2. Dr Phyllida Swift - UK 🇬🇧

3. Dr Cerebelli - Italy 🇮🇹

4. Dr La Greca - Italy 🇮🇹

5. Dr Consorti - Italy 🇮🇹

6. Bea Garcia - Spain 🇪🇸

7. Dr Julia Balco and Dr Eloy- Spain 🇪🇸

8. Premivasiya - South Africa 🇿🇦

9. Dr Eduard Paraschivescu - Romania 🇷🇴

10. Dr Elifnaz - Turkey 🇹🇷

11. Dr Aristy - Indonesia 🇮🇩

12. Samah Hussein Osman - Sudan 🇸🇩

13. Dr Sumeet - Nepal 🇳🇵

14. Victoria Vincent - UK 🇬🇧

15. Salvatore Di Grazia - Italy 🇮🇹

16. Dr Sa'ad Darwish - Egypt 🇪🇬

17. Stefano Dal Pozzolo - Italy 🇮🇹





# GUESTS

18. Sabrina Parisi - Italy 🇮🇹

19. Maila Gatti - Italy 🇮🇹

20. Giuseppe - Italy 🇮🇹

21. Flavia - Italy 🇮🇹

22. Elena Gentile - Italy 🇮🇹

23. Edoardo - Italy 🇮🇹

24. Domenico - Italy 🇮🇹

25. Davide Johan - Italy 🇮🇹

26. Beate Maria Helene Kupperts - Italy 🇮🇹

27. Anna Maria de Paolini - Italy 🇮🇹

28. Dr Prasad - Switzerland 🇨🇭

29. Dr Nitin - Ethiopia 🇪🇹

30. Dr Stefan Burge - Netherlands 🇳🇱

31. Dr Andreas Mueller - Switzerland 🇨🇭

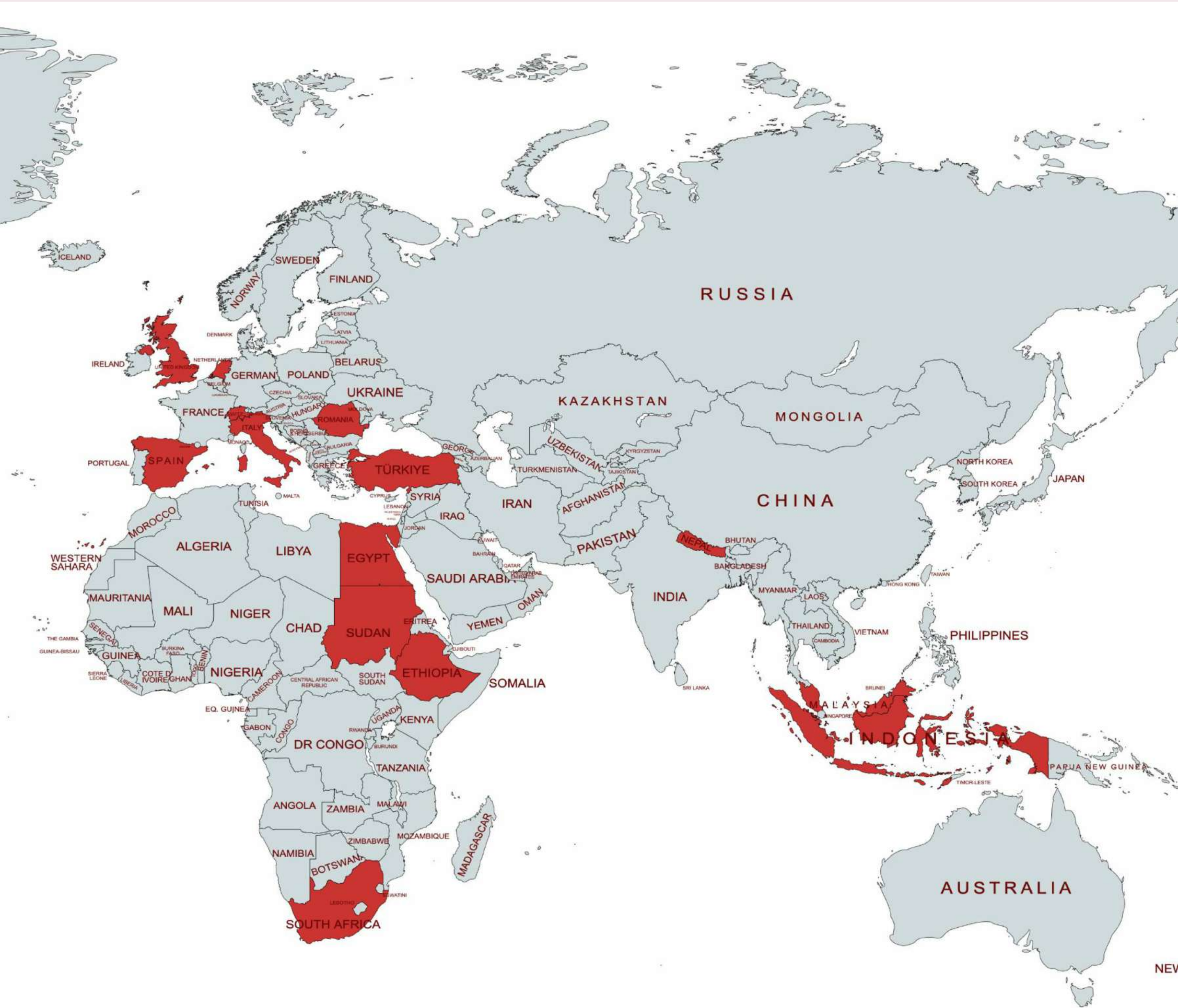
32. Dr Hermann Sailer - Switzerland 🇨🇭

33. Dr Erika Sailer - Switzerland 🇨🇭





# GUESTS





# DR HERMANN F. SAILER AND DR ERIKA SAILER - JANUARY 2023






# SMILE HOUSE - FEBRUARY 2023





# PUBLICATIONS









Journal of Cranio-Maxillofacial Surgery


Volume 50, Issue 12, December 2022, Pages 894-909


Review


Nasal symmetry after different techniques of primary lip repair for unilateral complete cleft lip with or without cleft of the alveolus and palate: A systematic review


Adity Bansal<sup>a</sup> , Srinivas Gosla Reddy<sup>b</sup> , Ashi Chug<sup>c</sup> , Anthony F. Markus<sup>d</sup> , Anne Marie Kuijpers-Jagtman<sup>e f g</sup> 


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<https://doi.org/10.1016/j.jcms.2022.12.006> 

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Published in January 2023 in Journal of Cranio-Maxillofacial Surgery.



Cureus. 2023 Feb 22;15(2):e35288. doi: 10.7759/cureus.35288. eCollection 2023 Feb.

Comparison of Maxillary Canine Retraction Using Split-Mouth Design With Dual Force Cuspid Retractor and T-loop Segmental Arch: A Split-Mouth Randomized Clinical Trial

Hemwati Nandan<sup>1</sup>, Ch Sudheer Kumar<sup>2</sup>, Pragiyoti Jha<sup>1</sup>

Affiliations 

PMID: 36968913 PMCID: PMC10037229 DOI: 10.7759/cureus.35288

Free PMC article

Abstract

Introduction This study was designed to explore the differences between two frictionless mechanics for canine retraction i.e., dual force cuspid retractor and T-loop segmental arch. T-loop for canine retraction creates a biomechanical system to deliver a predetermined force and a relatively constant moment-to-force ratio whereas dual force cuspid retractor uses power arms on buccal as well as palatal aspects for canine retraction. Bodily tooth movement can be achieved by both methods, but in this study, our main focus was to reduce the canine retraction timing with better three-dimensional control. Method This split-mouth study was conducted on a total of 20 cuspids of ten patients (five male and five female). Where one side of the arch was selected for T-loop and the other side for dual force cuspid retractor, randomly. Inclusion criteria for this study were; no congenitally missing teeth (excluding third molar), class I or class II molar relationship, no previous history of orthodontic treatment, good oral periodontal status, patients in whom extraction of maxillary first premolar during treatment was indicated. Both groups were compared for the duration of canine retraction, anchorage loss; tipping, and rotation of cuspid and molar, individually, after retraction. Result The result of this study showed that the duration of canine retraction was significantly less in group one, i.e., dual force cuspid retractor 73.8 ± 12.38 days, than in group two, i.e., T-loop 109.4 ± 16.71 days. The anchorage loss in group one was 0.60 ± 0.61 mm and that in group two was 2.40 ± 0.87 mm. Also, the amount of tipping and rotation of the cuspid and molar individually was significantly lesser in group one than in group two. Conclusion In this study, the dual force cuspid retractor shortens the duration of canine retraction with better three-dimensional control and better anchorage preservation when compared to T-loop.

Published in February 2023 in Cureus.




Review > J Maxillofac Oral Surg. 2023 Dec;22(4):770-780.

doi: 10.1007/s12663-023-02057-5. Epub 2023 Nov 24.

Ocular Hypertelorism: Principles and Management

Srinivas Gosla Reddy<sup>1</sup>, Adity Bansal<sup>2</sup>, Hermann F Sailer<sup>3</sup>, Likith V Reddy<sup>4</sup>, Ghali E Ghali<sup>5</sup>, Varsha Haridas Upadya<sup>6</sup>

Affiliations 

PMID: 38105836 PMCID: PMC10719204 (available on 2024-12-01)

DOI: 10.1007/s12663-023-02057-5

Abstract

**Background:** Ocular hypertelorism (OH) was initially considered as un-differentiated congenital cranio-facial deformity, however, I.T Jackson mentioned it as teleorbitism, considering it as increase in the inter-canthal width, inter-pupillary as well as inter-orbital distance as a result of lateralization of the orbital complex in total. Furthermore, Sailer further refined it and included the distance from the lateral orbital wall, i.e. he denoted increased inter-orbital distance along with the distance between lateral orbital walls as true hypertelorism. This condition is rare and is seen in association with midline congenital defects affecting the cranio-facial region.

**Classification and review of cases:** The ideal time for the OH correction is usually between 5 and 8 years of age. However, the management of OH is complex, and several techniques have been described in literature for the same. Here, we describe our classification of OH, along with the evolution of the surgical aspects, the key treatment principles we follow, together with the types of the osteotomies and their indications. Furthermore, we delineate the four main principles that we have set for OH management.

**Results:** Though the improvement in appearance is seen immediately post-surgery, however, this challenging surgery faces a multitude and common postoperative complications which have been represented in this article. The surgeon needs both the technical expertise and an inclination towards aesthetics for the execution of such procedures.

**Conclusion:** It is preferred that the management of OH should be individualized as per the stage of the craniofacial growth and the psychosocial needs of the patient and the parents.

Published in December 2023 in JMOS.



Case Report

A Rare Case of Solitary Palatal Myofibroma in a Young Pediatric Patient

Abstract

Myofibroma (MF) is a benign spindle cell neoplasm rarely found in the oral cavity. It is common in males than females (2:1) and mostly seen to develop before 2 years of age with few cases reported in adults. This article reports a rare case of solitary MF of the hard palate in an 8-year-old female child; highlighting the clinical features, histopathology, differential diagnosis while emphasizing the importance of immunohistochemistry in establishing an accurate diagnosis and management of the same. The objective should be to differentiate benign versus malignant spindle cell lesions of smooth muscle, nerve tissue, fibrocytic, and histiocytic origin. Rapid growth of the lesion often raises suspicion of malignancy and may lead to misdiagnosis and inappropriate management.

Keywords: Benign spindle cell tumor, hard palate, immunohistochemistry, myofibroma, pediatric dentistry, pediatric oral pathology

Tulika Wakhloo, Gosla Reddy, Ashi Chug, Arvind Kumar<sup>1</sup>

Departments of Dentistry and <sup>1</sup>Pathology and Laboratory Medicine, All India Institute of Medical Sciences (AIIMS), Rishikesh, Uttarakhand, India

Published in January 2024 in Indian Journal of Dental research





# RESEARCH & PhD

We are really grateful to Dr. Raj Chaudhary (Pennsylvania), USA, Dr. Ravindranathan (Brunei), Radboud UMC, Datta Meghe Institute of Higher Education and Research, Yenepoya University, and all upholders for sponsoring the fellowship and research programmes.

1. **Dr Rizwana Mallick has completed her PhD** on “Assessment of Outcomes of Immediately Loaded Dental Implants in Orofacial Cleft Patients from Datta Meghe Institute of Medical Sciences under Dr Sweta Pisulkar and Dr Srinivas Gosla Reddy on 5th January, 2024.

2. Dr Hari Kishore is continuing his PhD under Dr Gosla and Dr Shripathi Rao in Yenepoya University on the topic “Evaluation of predisposing factors of cleft lip and palate and health seeking behaviour of the affected family members.”

3. Dr Varsha Haridas Upadhyia is continuing his research on Morphofunctional management of Temporomandibular joint ankylosis under Dr Srinivas Gosla Reddy and Dr Shripathi Rao.

4. Dr Praveen Kumar M will start his PhD on “Association of rs9788972 of NTN1 and rs1801133 of MTHFR Gene in the Etiology of Cleft Palate in Telangana Population” under Dr Srinivas Gosla Reddy, Dr Jessie James from NIMS University, Jaipur, Rajasthan.



Congratulations,  
Dr Rizwana,  
PhD!



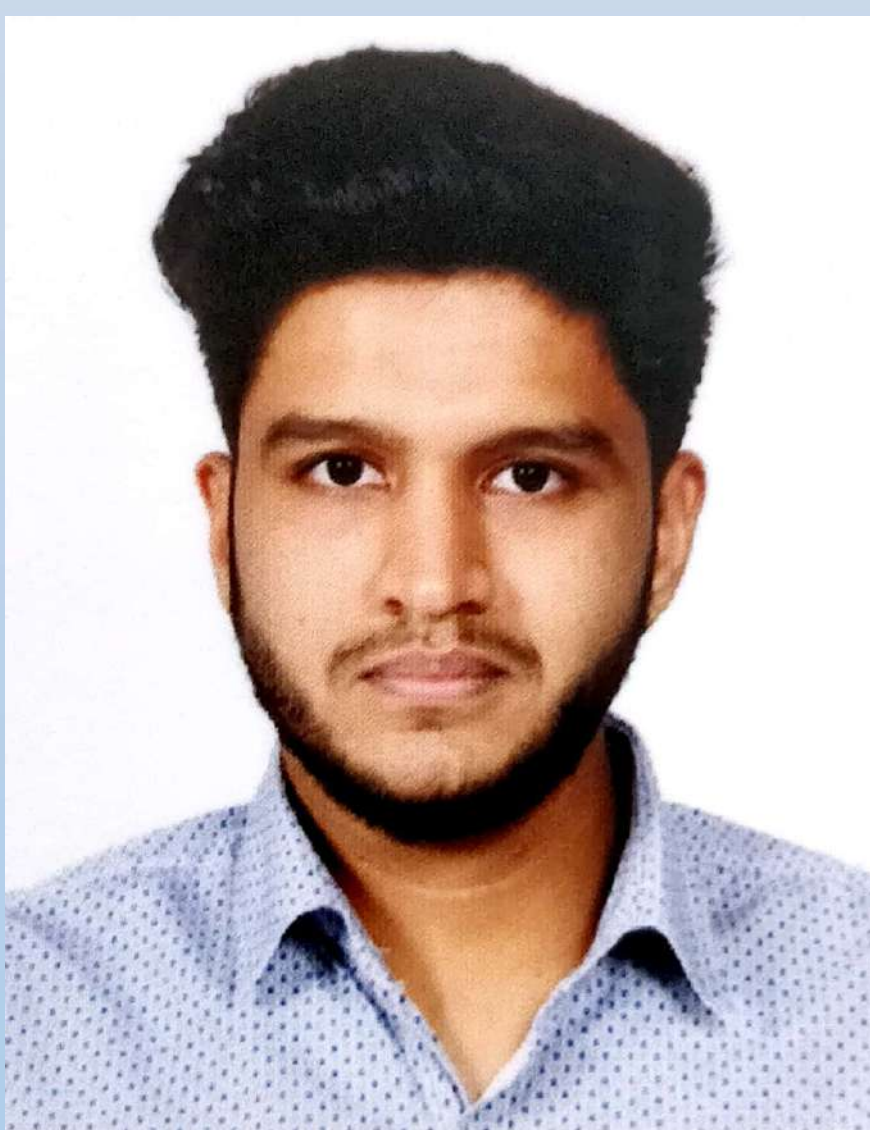


# WELCOME TO THE GSR TEAM!



Dr Nainika Krishnan  
Consultant

- BDS
- MDS (Oral and Maxillofacial Surgery)
- AOMSI Orthognathic Surgery Fellowship - Jubilee Mission Medical College Hospital, Thrissur, Kerala (2022-2023)



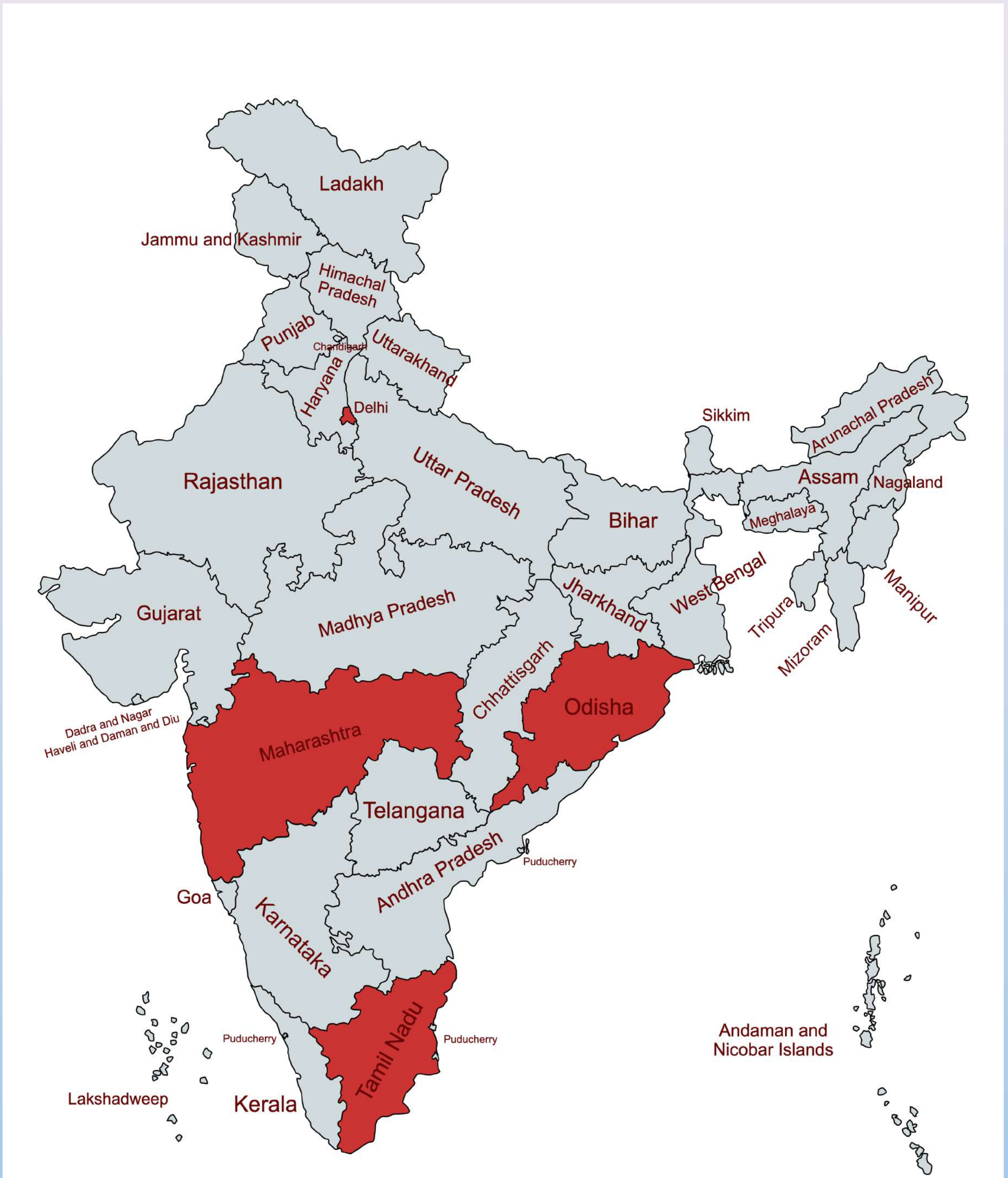
Dr Jothish  
Consultant

- BDS
- MDS (Oral and Maxillofacial Surgery)
- AOMSI Cleft and Craniofacial Surgery Fellowship - Dube Surgical and Dental Hospital, Jabalpur, Madhya Pradesh (2023)



# FELLOWS

1. Dr Priyanka Bhoi - Odisha
2. Dr Mrudula Mulay - Maharashtra
3. Dr Priyadharshini - Tamil Nadu
4. Dr A R Thennarasu - Tamil Nadu
5. Dr Apurva - New Delhi





# FELLOWS



Dr Priyanka Bhoi



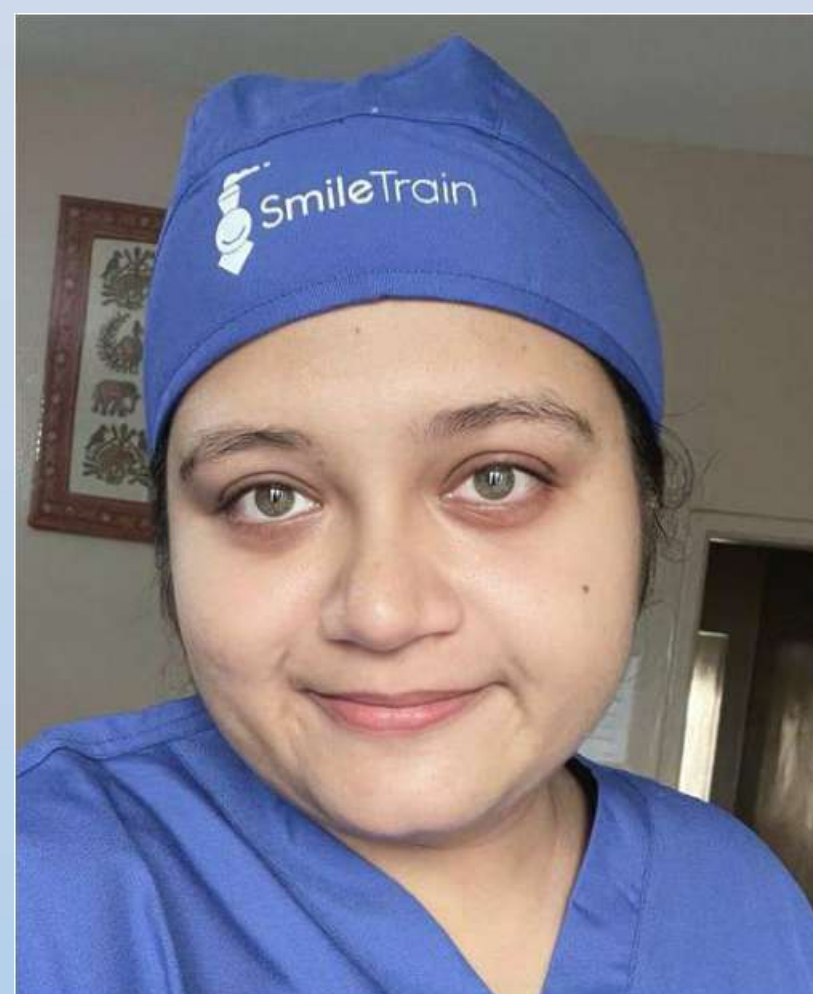
Dr Mrudula Mulay



Dr Priyadharshini



Dr A R Thennarasu



Dr Apurva



# INTERNATIONAL FELLOWS

1. Dr Thushanta Indika - Sri Lanka 🇱🇰
2. Dr Kumaravelu Ahilan - Sri Lanka 🇱🇰
3. Dr Kim Pedro-Beech - AOCCMF fellow South Africa 🇿🇦
4. Dr Sukanya Hendro - AOCCMF fellow Indonesia 🇮🇩
5. Dr Akinlade Akinwaleola - IAOMS fellow Nigeria 🇳🇮





# INTERNATIONAL FELLOWS



Dr Akinlade  
Akinwaleola



Dr  
Thushantha  
Indika



Dr Sunjaya  
Hendro



Dr  
Kumaravelu  
Ahilan



Dr Kim  
Pedro-Beech



# INTERNATIONAL FELLOWS



**The fellowship experience at GSR hospital has shown me that with limited resources, a committed team can make an amazing impact on their community.**

**- Dr. Kim Pedro-Beech**  
South Africa



**My exposure at GSR was quite defining for my surgical experience as I carefully imbibed the philosophy cleft repair.**

**- Dr. Sa'ad Darwish**  
Egypt





# INTERNATIONAL FELLOWS



**At GSR I learnt the philosophy behind the holistic management of clefts while enjoying a whole new cultural experience in India.**



**- Dr. Nico Salvatore  
ITALY**



**Dr GSR assisted me in no small measure in becoming a well rounded oral and maxillofacial surgeon. I return to my country, empowered to strengthen existing systems.**

**- Dr. Ahilan  
Sri Lanka**





# LECTURES

1. 2023 April XXVII Congress Maxillo  
Barcelona
  - a. Morphofunctional Repair of Bilateral Cleft Lip
  - b. Craniofacial Clefts and Their Repair
  - c. Orbital Osteotomy for Hypertelorism
2. 2023 September Karnataka AOMSI  
- Management of Rare Facial Clefts
3. 2023 April BHU Conference at Symposium -  
Craniofacial Surgery How When Where and  
Treatment Plan
4. 2023 April Stresa Online - Craniosynostosis
5. 2023 February SGT University Delhi  
- Complex Craniofacial Rhinoplasty
6. 2023 July Nepal - Philanthropy in Surgery
7. 2023 July TN Webinar Craniofacial Surgery  
- Craniosynostosis and Hypertelorism  
Management
8. 2023 June Cartagena - 26th Congress  
of Spanish Oral and Maxillofacial Surgery
  - a. Craniofacial Clefts and Their Repair
  - b. Complex Craniofacial Rhinoplasty
9. 2023 March Rhino Egypt Online -  
Complex Craniofacial Rhinoplasty





# LECTURES

10. 2023 March Sido Rome -

Craniofacial Anomalies - Overview

11. 2023 November Delhi AOMSI  
Conference

a. Hypertelorism Correction

b. LeFort I, II, III Osteotomy

c. Rare Facial Clefts

12. 2023 October Italy - Rome EACMFS  
Comprehensive Care for Facial Anomalies

13. 2023 October EAOMS

a. Morphofunctional repair of Cleft Palate

b. Craniosynostosis

14. 2023 October Karad

- TMJ facial deformity and case  
discussions

15. 2023 September Aligarh -

Philanthropy in Surgery

16. 2023 September Facecon -

Aesthetic Rhinoplasty

17. 2023 September Nepal -

Craniosynostosis

18. 2023 University of Plymouth -

2023 National Undergraduate Program  
Philanthropy in Surgery





# LECTURES

19. 2023 September Continental Craniofacial and Aesthetic Surgery

20. 2023 September Continental Hospital

- a. Fixing the skulls
- b. Fixing the noses
- c. Fixing the faces

21. 2023 26 December - CME on Craniomaxillofacial Defects and Deformities at Sharad Pawar Dental College and Hospital, affiliated with Datta Meghe Institute of Higher Education and Research, Sawangi, Wardha, Maharashtra

- Classification and Management of Craniofacial Cleft Repair





GSR X CONTINENTAL





# CLEFT SCHOOL PROJECT





# CLEFT SCHOOL PROJECT



Dr Anne Marie  
Kuijpers-Jagtman





# GSR HOSPITAL, HYDERABAD





# OUR NEW INFRASTRUCTURE



OT lights



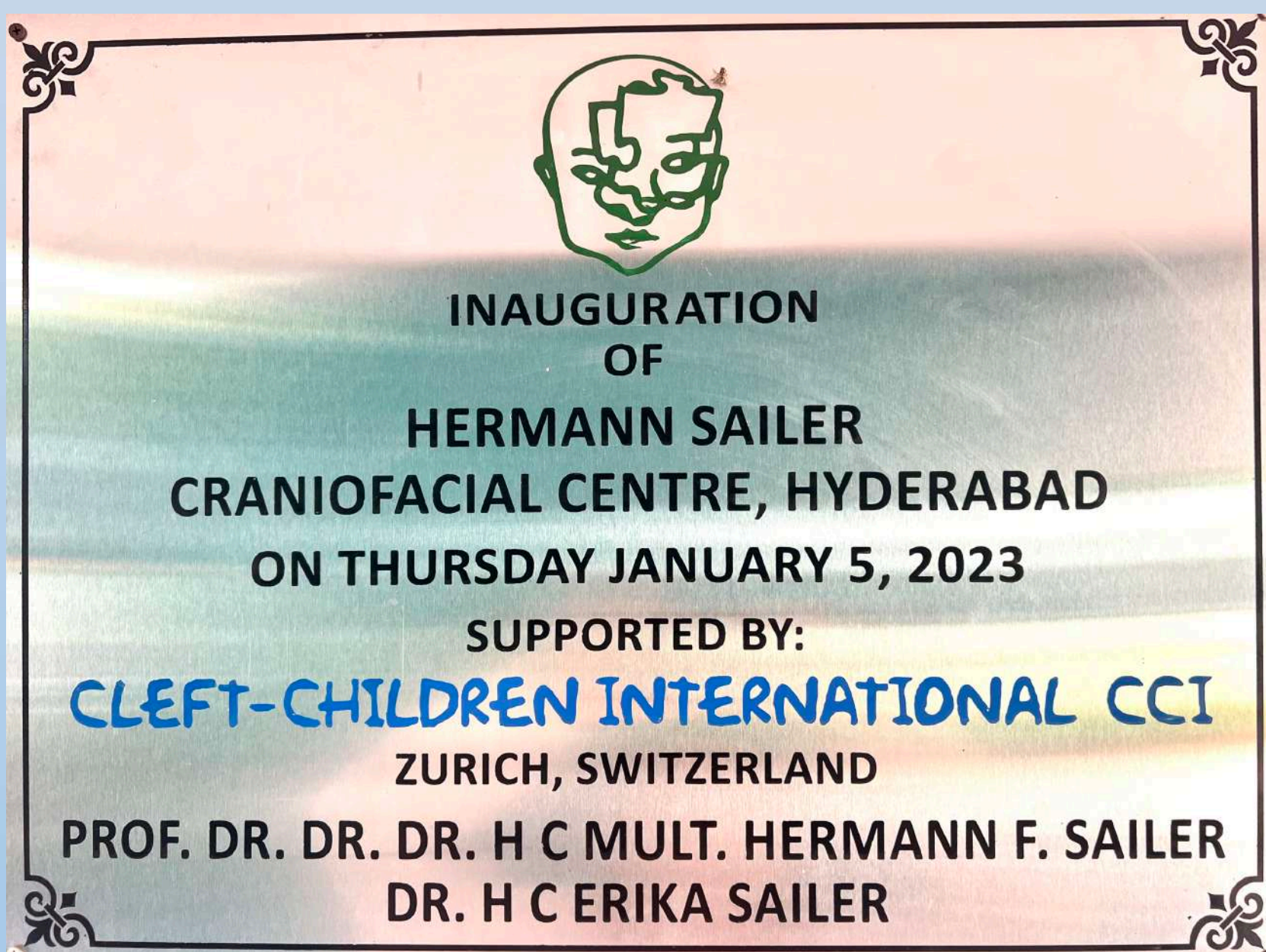
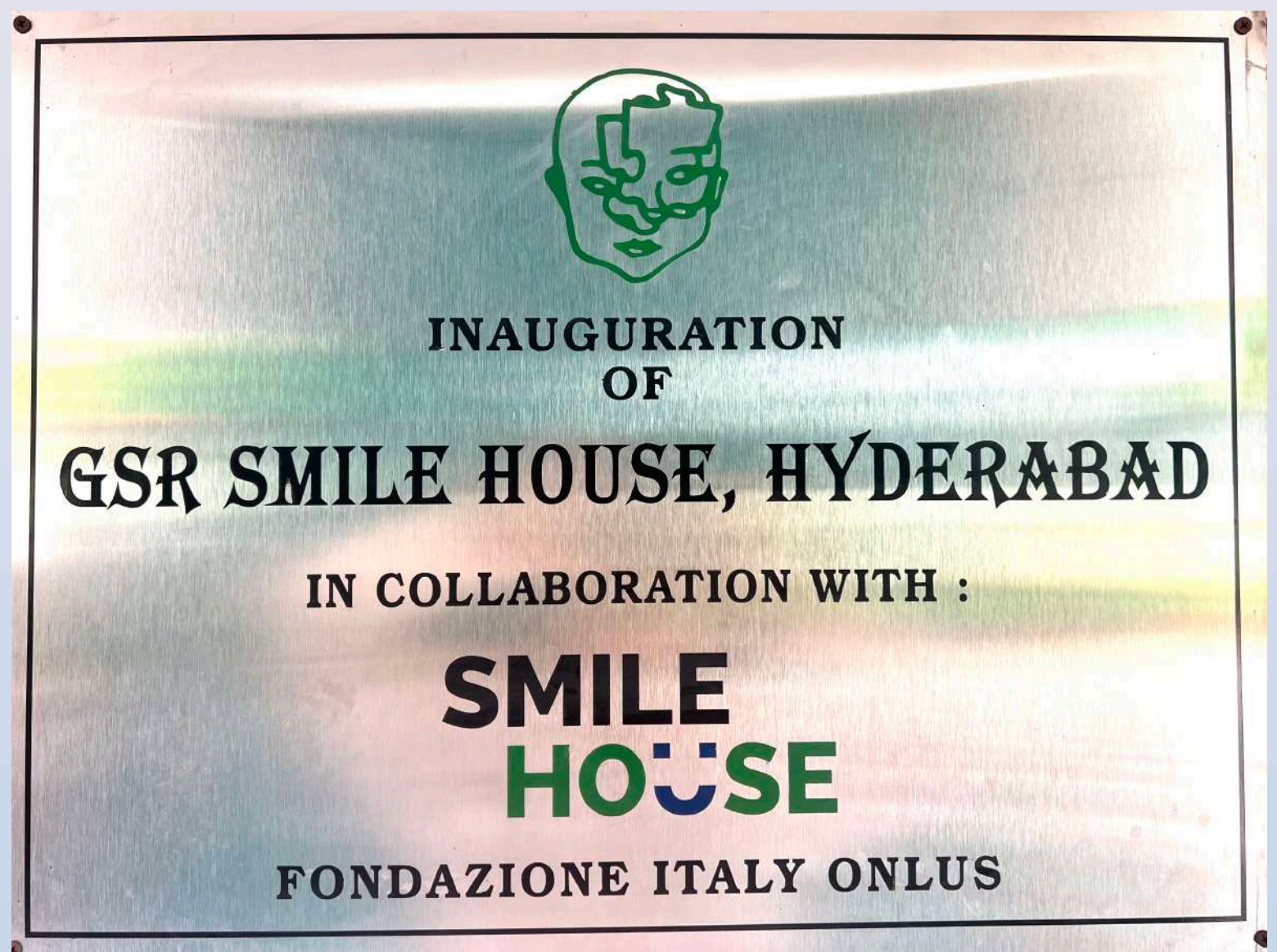
Autoclave



Generator



# OUR PARTNERS





BRING THE SMILE BACK WITH GSR! 😊





BRING THE SMILE BACK WITH GSR! 😊





BRING THE SMILE BACK WITH GSR! 😊

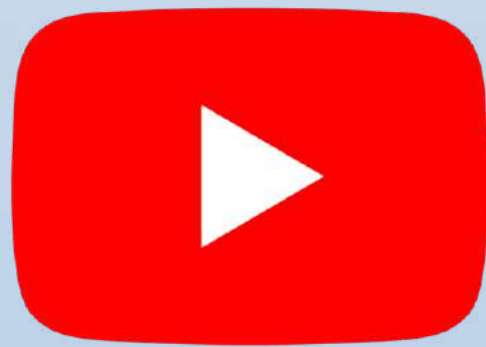


CONNECT WITH US:



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@goslareddy



@gsrhospitalhyderabad

@goslareddy



@Prof Dr Dr Srinivas Gosla  
(GSR) Reddy



@Srinivas Gosla Reddy