

**Dr. Jithin Sasikumar MDS (AIIMS)**

Oral &amp; Maxillofacial Surgeon

**SUMMARY • CONTACT**

Jithin Sasikumar, is an ardent Oral & Maxillofacial Surgeon with 6+ years of experience from finest institutes in India. Proficient in diagnosing and treating complex problems of face, oral cavity and head and neck region. He is qualified and trained by pioneer surgeons in the field to perform complex surgeries of the facial region like Orthognathic surgeries, TMJ surgeries including TMJ ankylosis and joint replacements, Cleft palate surgeries. He is artful in performing routine surgeries like maxillofacial trauma surgeries, Orbital floor reconstructions, Maxillofacial tumor and cyst surgeries, Maxillofacial bone reconstructions Dentoalveolar Surgeries, Dental Implantology.

He believes in providing affordable maxillofacial care for all patients while maintaining the highest standard of care.

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Palakkad, Kerala  
India 679301

**EDUCATION • PROFESSIONAL EXPERIENCE****December 2019**

All India Institute of Medical Sciences  
New Delhi, India

**Masters in Dental Surgery (MDS)**  
**Oral & Maxillofacial Surgery**

**February 2015**

Government Dental College  
Kozhikode

**Bachelor in Dental Surgery (BDS)**

**February 2020 to February 2023 (3 years)**

Senior Resident  
Department of Oral and Maxillofacial Surgery  
All India Institute of Medical Sciences,  
Ansari Nagar, New Delhi.

**August 2021 to August 2022 (1 year)**

Senior Resident (in charge of maxillofacial  
trauma)

Jai Prakash Narayan Apex Trauma center

**RELEVANT SKILLS**

Oral & Maxillofacial Trauma Care  
 Orthognathic surgeries for facial deformities  
 Treatment of TMJ Pathologies and Ankylosis  
 Management of pediatric TMJ ankylosis with  
     RCU reconstruction  
 Distraction Osteogenesis of Both Maxilla &  
     Mandible  
     Cleft palate surgeries  
 Orbital trauma and orbital floor  
     reconstructions  
 Treatment of Maxillofacial Pathologies  
 Segmental Resection & Disarticulation  
     of Mandible  
 Treatment of Oral & Maxillofacial Infections  
 Preprosthetic Surgeries – Maxillary Sinus Lift,  
 Bone grafting, Ridge split, Vestibuloplasty etc  
 Virtual Treatment planning using 3D  
     Biomodels  
     Iliac Crest, Sternoclavicular and  
     Costochondral bone graft harvesting  
     Management of Post COVID -19  
 Rhinomaxillary & Mandibular Mucormycosis  
     Surgical Removal of Impacted tooth  
 Dental Implantology & Rehabilitation  
     Advanced trauma life support  
     Basic Life Support  
 Skills Conceptualization, Data Curation  
     and Drafting of  
 Articles for both National & International  
     Journals

AIIMS, New Delhi

**August 2018 to February 2019 (6 months)**

Resident  
 Department of Surgical Oncology  
 Institute Rotary Cancer Hospital  
 AIIMS, New Delhi

**January 2017 to January 2020 (3 years)**

Junior Resident  
 Department of Oral and Maxillofacial Surgery  
 All India Institute of Medical Sciences,  
 Ansari Nagar, New Delhi.

**March 2015 to March 2016 (1 year)**

Intern  
 Government Dental college  
 Kozhikode

**DENTAL QUALIFICATION****Graduation**

Degree	College	University	Year	Percentage of mark
<b>BDS</b>	Government Dental College Kozhikode Kerala -673008	Kerala University of Health Sciences	2010 - 2015	67.36

**Internship: 2015– 2016****Post-Graduation**

Speciality	College	University	Year	Percentage of mark
<b>MDS</b> ORAL & MAXILLOFACIAL SURGERY	All India Institute of Medical Sciences, New Delhi-110029	All India Institute of Medical sciences, New Delhi	2017 - 2020	73.87

**Thesis**

“Does TMJ disc repositioning with bone anchors provide better outcomes compared to convention disc repositioning in patients of anterior disc displacement without recapture” – A randomized controlled trial

**Kerala Dental Council Registration No: A 16605**

BDS - 01/08/2016

MDS - 10/02/2020

**PROFESSIONAL EXPERIENCE****3 years as Senior Resident at All India Institute of Medical Sciences, New Delhi from February 2020 to February 2023**

- Training of Post Graduate students.
- Performed Numerous Minor & Major Surgeries independently (TMJ ankylosis, Orthognathic surgeries, Cleft palate, Tumor surgeries, TMJ disc surgeries, Temporomandibular joint replacements, Orbital floor construction through subciliary and transconjunctival approaches.
- Assisted Senior Consultants in major maxillofacial surgeries (Lefort III level distraction for craniofacial synostosis syndromes, massive giant cell tumors of mandible, Myossitis ossificans of maxillofacial region, Syngnathia and other rare debilitating conditions of jaw)
- Emergency management of maxillofacial space infections with airway compromise
- Managed Post COVID-19 pathologies including Rhinomaxillary & Mandibular Mucormycosis.
- Collaborated with other departments in providing the best care for the patients.
- Assisted in Conceptualization, Drafting & Presentation of various research projects and articles.
- Played important role in conducting various conferences and workshops at AIIMS.
- Authored & Co-Authored Articles related to Dentistry & Maxillofacial Surgery.
- COVID -19 management during pandemic times.

**1 year as Senior Resident at JPNATC, AIIMS from August 2021 to August 2022**

- Performed major maxillofacial trauma surgeries independently.
- Management of Panfacial fractures (bicoronal approach,transnasal canthopexy etc)
- Management of complicated maxillofacial injuries – pseudoaneurysms secondary to condyle fractures
- Open reduction and internal fixation of severely displaced condylar fractures
- Management of soft tissue injuries of face including parotid gland and duct injuries
- Management of Gun shot injuries and severe maxillofacial ballistic injuries
- Orbital trauma and its early diagnosis and management including orbital exploration and floor and medial wall reconstruction
- Emergency Maxillofacial Care.

**6 months as Resident in department of surgical oncology,Institute Rotary Cancer Hospital AIIMS from August 2018 to February 2019**

- Observed and assisted various tumor ablation and reconstructive surgeries of head and neck region.
- Assisted in numerous surgeries involving PMMC flap reconstruction of oral cancer defects.

**3 years as Junior Resident at All India Institute of Medical Sciences, New Delhi from January 2017 to January 2020**

- Trained under direct and indirect supervise on of senior consultants and professors as part of post graduate curriculum.
- Blessed to be directly trained by Dr Ajoy Roychoudhury and Dr Rahul Yadav, pioneers in the field of Temporomandibular joint ankylosis and TMJ replacements in India and world wide.
- Assisted seniors and Consultants in both minor & major maxillofacial surgeries.
- Performed Numerous Minor & Major Surgeries independently both in Local & General Anaesthesia.
- Presented and finished Post graduate Thesis.
- Attended various International and national conferences.
- Training of Under Graduates as a part of PG curriculum.

## PUBLICATIONS

1. **Sasikumar J**, Bhutia O, Roychoudhury A, Bhatt K, Yadav R. Does Repositioning of Temporomandibular Joint Disc With Bone Anchors Provide Better Clinical Outcomes Than Conventional Disc Plication Procedures for Anterior Disc Displacements Without Reduction in Patients Refractory to Nonsurgical Treatments? *J Oral Maxillofac Surg*. 2020 Dec;78(12):2160-2168. doi: 10.1016/j.joms.2020.07.013.
2. Amipara H, **Sasikumar J**, Bhutia O, Roychoudhury A, Yadav R, Goswami D. How does changing the vector of transport disc distraction affect the outcomes of surgery in patients of temporomandibular joint ankylosis with obstructive sleep apnea? *Oral Maxillofac Surg*. 2022 Dec 29. doi: 10.1007/s10006-022-01133-3.
3. Mishra D, Bhalla AS, **Sasikumar J**, Agarwal B, Roychoudhury A. Ameloblastic Fibroodontoma of Mandible Causing Tumor Induced Osteomalacia: A Case Report with Review of 88 Phosphaturic Oral Neoplasms. *Head Neck Pathol*. 2021 Sep;15(3):975-988. doi: 10.1007/s12105-020-01267-4.
4. Roychoudhury A, Bhutia O, Yadav R, **Sasikumar J** Goswami D, Bhatt K, Agarwal B, Soni B. Surgical outcomes and challenges in stock alloplastic total joint replacement (TJR) in adult temporomandibular joint ankylosis (TMJA). *International Journal of Oral and Maxillofacial Surgery*. 2019 May 1;48:177.
5. **Sasikumar J**, Bhutia O, Roychoudhury A, Yadav R Management of temporomandibular disc displacement without recapture using Mitek mini anchors – a pilot study. *Journal of Maxillofacial and Oral surgery* (2019)
6. **Sasikumar J** Roychoudhury A, Bhutia O, Yadav R Management of pediatric condylar fractures with concomitant anterior mandible fractures – role of ORIF of anterior mandible fracture. *Journal of Maxillofacial and Oral surgery* (2018)
7. **Sasikumar J**, Roychoudhury A, Bhutia O, Yadav R Management of bilateral temporomandibular joint ankylosis with severe obstructive sleep apnea -Role of distraction osteogenesis. *Journal of Oral and maxillofacial surgery, medicine and pathology* (2017)

### Under Review

1. Vignesh Elangovan, **Jithin Sasikumar**, Rahul Yadav, Ajoy Roychoudhury. “Can 2mm matrix mandible plate provide quicker operating time and similar results compared to thicker reconstruction plates in combined angle and anterior mandible fracture” submitted to *Journal of Oral and Maxillofacial surgery*.
2. Ganesh Choudhury, **Jithin Sasikumar**, Rahul Yadav, Ajoy Roychoudhury. “Outcome of preankylosis release mandible distraction in patients of bilateral temporomandibular joint ankylosis with OSA- does benefits outweigh long treatment time?” submitted to *journal of cranio-maxillofacial surgery*

### SCIENTIFIC PAPER PRESENTATIONS

1. **Management of temporomandibular disc displacement without recapture using Mitek mini anchors – a pilot study.** as a post graduate student in 43<sup>rd</sup> AOMSI national conference, held at Chennai on 11-13<sup>th</sup> October 2019
2. **Management of pediatric condylar fractures with concomitant anterior mandible fractures – role of ORIF of anterior mandible fracture.** as a post graduate student in 22<sup>nd</sup> Midcoms conference, held at kathmandu on 26-28<sup>th</sup> April 2018
3. **Management of bilateral temporomandibular joint ankylosis with severe obstructive sleep apnea- a case report** as a post graduate student in 3<sup>rd</sup> Asian maxillofacial trainees conference held at Colombo, 10-12<sup>th</sup> November 2017

### ATTENDED CONFERENCES / WORKSHOPS

1. AO CMF webinar “Debate: Biological Replacement for TMJ – Debate on SCG and CCG vs microvascular” on August 17<sup>th</sup>, 2020
2. 2<sup>nd</sup> AIIMS Total Joint Replacement workshop – “cadaver and 3D model hands on”- 16<sup>th</sup> - 18<sup>th</sup> February 2020, New Delhi
3. Live operative workshop on Orthognathic surgery, at Maulana Azad Institute of Dental Sciences, 5<sup>th</sup> November 2019
4. AOCMF MFT Course – Management of Facial Trauma, held on 23<sup>rd</sup> and 24<sup>th</sup> of August 2019 at New Delhi India.
5. Advanced trauma life support course (ATLS) held at RML hospital New Delhi in July 2019
6. AOCMF advanced course in Orthognathic surgery held on July 19<sup>th</sup> and 20<sup>th</sup> 2019 New Delhi
7. AOCMF webinar on management of maxillofacial trauma, June 16<sup>th</sup> and 17<sup>th</sup> 2017 New Delhi
8. 1<sup>st</sup> AIIMS Total Joint Replacement workshop – “live surgery”- 30-31<sup>st</sup> January 2017 New Delhi

### OPERATIVE EXPERIENCE (PERFORMED INDEPENDENTLY / UNDER SUPERVISION)

1. Management of Maxillofacial Trauma (Including Malunion Cases) – Frontal Bone, NOE, ZMC, Maxillary & Mandibular fractures including Soft tissue Injuries.
2. Orbital floor reconstruction
3. Immediate management of Gun Shot Injury.
4. Orthognathic Surgery (Genioplasty, BSSO & Lefort 1 osteotomy, angle osteotomy, inferior border shave)
5. TMJ Ankylosis Release and RCU reconstruction
6. TMJ Arthrocentesis
7. TMJ disc surgery
8. TMJ replacements
9. Cleft palate surgery – VWK VY pushback palatoplasty, Burdach’s palatoplasty, vomer flap
10. Dental Implant placement and Rehabilitation.
11. Surgical removal of impacted teeth under local and general anesthesia.
12. Surgical exposure of impacted teeth for aiding in orthodontic treatment.
13. Surgical Removal of Foreign body in Oral and Maxillofacial region.
14. Preprosthetic Surgery like Bone grafting, Alveoloplasty, Sinus Lift, Ridge Split & Chin graft for Arch Augmentation, Vestibuloplasty etc.

15. Surgical Removal of Sialolith from Warthons' & Stensons' duct.
16. Treatment of maxillofacial pathology including vascular malformations.
17. Reconstruction of soft tissue defects with Nasolabial Flap.
18. Distraction Osteogenesis of both maxilla and mandible.
19. Harvesting of Bone graft – Iliac, Sternoclavicular, Costochondral, Symphysis & Ramus
20. Reconstruction of Surgical defect using tongue flap or buccal pad of fat
21. Oro Antral Fistula Closure
22. Caldwell Luc procedure for displaced root stump removal
23. Use of Lasers in treatment of various maxillofacial pathologies & Pre-prosthetic surgery.
24. Extra & Intra Oral Soft tissue pathology removal
25. Intra & Extraoral Sinusectomy
26. Reconstruction & mini plate removal
27. Reconstruction of Buccal mucosa with Buccal Pad of fat & Buccal Myomucosal flap
28. Virtual treatment planning using 3D Biomodels
29. Biopsies & FNACs
30. Cyst enucleation
31. Use of Cryosurgery in treatment of OKC.
32. Secondary bone grafting in cleft palate patients.
33. Submandibular Salivary Gland Excision
34. Submandibular (Ridson) Incision, Retromandibular (Hinds) Incision, Alkayat Bramley Incision for TMJ approach, Thoma Incision for TMJ Approach, Bicoronal Incision for frontal bone trauma.
35. Intra lesional injections for management of Vascular Malformation & Central Giant Cell Granuloma
36. Extra oral and Intra oral Incision and Drainage
37. Apicectomy
38. Frenectomy (Labial & Lingual)
39. Mucocele excision
40. Dentoalveolar Surgeries

#### Assisted cases

1. Reconstruction of surgical defects with free fibular flap.
2. Orthognathic surgery in cleft palate patient (RED-Rapid Expansion Device).
3. TMJ ankyloses release and reconstruction with sternoclavicular graft
4. Management of malignant head and neck tumors including Neck dissection and Reconstruction with PPMC and other various flaps.

#### Special Interests

- Orthognathic surgery
- TMJ ankylosis release and RCU reconstruction
- Distraction osteogenesis of maxillofacial skeleton
- Orbital trauma

#### Associations & Memberships

- AO CMF Member
- Advanced Trauma Life Support (ATLS) Provider-ATLS ID:757393
- Association of Oral & Maxillofacial surgeons India [AOMSI].

## References

- Department of Oral & Maxillofacial Surgery, All India Institute of Medical Sciences, New Delhi
- Department of Trauma Surgery & Critical Care, Jai Prakash Narayan Apex Trauma Centre, AIIMS, New Delhi
- Department of Surgical Oncology, Institute Rotary Cancer Hospital, AIIMS, New Delhi

## CONTACT

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