



## **DR. SUSHMITHA R. IYER**

Consultant - Orthodontics

### **Qualification**

BDS | MDS

### **Overview**

Dr. Sushmitha R. Iyer is a highly skilled orthodontist in Bangalore. She is currently practising as a Senior Consultant - Orthodontics at Indiranagar Clinic, where she brings over seven years of clinical expertise in advanced orthodontic care and clear aligner therapy. Renowned for her patient-inclusive approach and commitment to innovation, Dr. Iyer has managed more than 3,000 orthodontic cases and is recognised both nationally and internationally for her contributions to modern orthodontics. Her academic journey is marked by excellence from the outset. She completed her Bachelor of Dental Surgery (B.D.S.) at Government Dental College, Chennai in 2013, followed by a Master of Dental Surgery (M.D.S.) in Orthodontics and Dentofacial Orthopaedics at the same institution in 2018. Securing an impressive All-India Rank of 51 in the All-India Postgraduate Dental Entrance Examination (AIPG), she laid a strong foundation in orthodontic biomechanics, a field that continues to underpin her treatment philosophy today. Dr. Iyer's career has been shaped by a balance of academic roles, clinical practice, and leadership in aligner planning. She began as a Senior Lecturer at Chettinad Dental College

and Research Institute, where she mentored undergraduate and postgraduate students while managing outpatient care. Alongside teaching, she organised workshops and guided young dentists in clinical orthodontics, combining her academic insight with practical expertise. Her work as a private consultant across leading practices in Chennai and Delhi allowed her to expand her reach, treating a wide range of cases from simple corrections to complex interdisciplinary interventions involving orthognathic surgery and cleft care. Her foray into digital orthodontics came with Smiles.ai, where she initially joined as a City Orthodontist in 2022. In less than a year, she was promoted to City Head Orthodontist, Delhi. In this role, she supervised a team of orthodontists, oversaw standardised protocols, conducted virtual consultations, and successfully delivered over 160 aligner treatments in just 10 months. Her collaboration with Rejové32 further amplified her influence in the field, where she continues to serve as a consultant and aligner planning specialist, mentoring clinicians across India, Malaysia, and Sri Lanka. Clinically, Dr. Iyer has developed expertise in TAD-assisted clear aligner protocols, functional and orthopaedic applications with aligners, accelerated orthodontics through Wilckodontics and micro-osteoperforations, and interdisciplinary treatment planning. She is certified in Invisalign and has specialised training in lingual orthodontics, making her well-versed in both fixed and aesthetic treatment modalities. She also holds advanced skills in aligner planning software such as Ortho Analyzer (3Shape), Maestro 3D, and Onyx Ceph, enabling her to design precise, customised treatment protocols for patients. Beyond her clinical excellence, Dr. Iyer is an accomplished academic and researcher. Her publications include studies on the skeletal and dental changes associated with the Flip-Lock Herbst appliance, antimicrobial properties of nanoparticle-coated orthodontic mini-implants, and the efficacy of Er,Cr:YSGG laser etching in orthodontic bonding. These contributions reflect her commitment to evidence-based practice and to advancing the orthodontic field through research. She has also authored survey-

based studies on treatment awareness and clinical evaluations of innovative appliances. Her achievements include winning multiple accolades during her postgraduate years, such as first prizes for paper presentations at Amrita Institute of Medical Sciences, Saveetha Dental College, and quiz competitions at Orthosearch and ROAR. She has attended and presented at major national and international orthodontic conferences, including the Indian Orthodontic Society's conventions and the World Implant Orthodontic Conference. In 2024, she was invited as a speaker at BADICON in Dhaka, where she also conducted a hands-on workshop on clear aligner therapy, strengthening her international presence. Dr. Iyer's treatment philosophy centres on aesthetic, patient-focused solutions that reduce discomfort and treatment risks. She believes in involving patients throughout their orthodontic journey, promoting growth modification when possible, and using hybrid appliances where appropriate. Her emphasis on biomechanical precision combined with aesthetic excellence sets her apart as a forward-thinking orthodontist. At Manipal Hospitals, Dr. Sushmitha R. Iyer continues to provide advanced orthodontic care, offering treatments that blend digital precision with clinical expertise. Her ability to balance innovation, patient comfort, and long-term results makes her one of the leading orthodontists in Bangalore today.

### **Fellowship & Membership**

- European Aligner Society.
- Indian Orthodontic Society.

### **Field of Expertise**

- Invisible Orthodontics - Lingual Orthodontics, Clear Aligners.
- Non-surgical TAD-assisted correction, Accelerated orthodontics.
- MyoFunctional treatment for developing jaw irregularities,

Nasoalveolar moulding for Cleft lip and palate patients.

### Languages Spoken

- English
- Hindi
- Tamil

### Awards & Achievements

- First Prize for Paper Presentation - Amritha.
- Institute of Medical Science and Research at Kochi. 2017(Category - INNOVATION).
- First Prize for Paper Presentation in the Final Countdown 2017 at Saveetha Dental College, Chennai (CLINICAL).

### Talks & Publications

- Invited International Speaker - "Clear aligners: Past, present and future" in BADICON - 2024, Sheraton, Dhaka, Bangladesh.
- Conducted hands-on workshop - BADICON - 2024, Sheraton, Dhaka, Bangladesh.
- Skeletal and dental changes induced by the flip-lock Herbst appliance in the treatment of Angle's class II division 1 malocclusion during the active growth period: a preliminary study. J Dent Res Dent Clin Dent Prospects, 2021, 15(1), 59-65.
- Comparison of antimicrobial effect of selenium nanoparticles and silver nanoparticles coated orthodontic mini-implants - an in vitro study. APOS Trends Orthod 2022;12:20-6.
- Effect of Er, Cr:YSGG laser enamel etching with varying power output and irradiation time on the shear bond strength. J

Orthod Sci. 2022 Jan 28;11:6.

- Effects of the Flip Lock Herbst Appliance on Facial Profile - A Soft Tissue Cephalometric Analysis. IJDSIR - September - 2021, Vol. 4, Issue 5, P. No. 375-382.
- Concern, awareness and decision towards different orthodontic treatment modalities - a questionnaire survey. Int J Cur Res Rev | Vol 13 • Issue 21.