

Dr. S. Bhadrinath

Associate Professor,

Dept. of Orthodontics,

**Research Interests:**

Biology of tooth movement, functional appliances, Skeletal maturity indicators, developmental anomalies.

**Awards:**

1. Best poster award in the 5<sup>th</sup> Annual Tamil Nadu Oral Maxillofacial Surgeons Association conference in 2009.
2. Best Poster Award in the Clinical Category in the 51<sup>st</sup> Indian Orthodontic Conference at Goa in 2016.
3. Young Faculty Research Grant (GATE project) for the year 2011-12 and 2016-17.

**Conferences , Workshops and Seminars attended:**

Attended 43<sup>rd</sup> Indian Orthodontic Conference at Bombay in 2008.

Presented a paper titled “Reliability of Serum Dehydroepiandrosterone sulphate as an indicator for skeletal maturity

Paper titled “Reliability of Serum Dehydroepiandrosterone sulphate as an indicator of Skeletal maturity at 109<sup>th</sup> Annual Session of AAO at Boston, May 2010 USA.

Poster Titled “ Bad Risk Orthognathic Surgery Patients. Body Dysmorphic Disorder”.

at the 5<sup>th</sup> Annual Conference of Tamil Nadu Oral Maxillofacial Surgeons Association, at Chettinad Health City, Chennai held on November 21<sup>st</sup> and 22<sup>nd</sup> 2009.

Attended 45<sup>rd</sup> Indian Orthodontic Conference at Mangalore in 2010. Presented paper titled “ Crown root angulation of Maxillary Incisors and lower lip line”.

Presented a poster titled”Craniofacial anomalies associated with cleft lip & cleft palate in Indo – Cleft conference, January 201, Chennai.

Attended 47<sup>rd</sup> Indian Orthodontic Conference at Khajuraho in 2012. Presented paper titled “Skeletal & Dental characteristics in subjects with ankyloglossia”.

Presented a poster titled “ Skeletal and Dental characteristics in ankyloglossia in international conference of Indian Society of Dental Research in 2013.

Attended 48<sup>rd</sup> Indian Orthodontic Conference at Ahmedabad in 2014.

Paper titled”Cervical vertebral maturation stages in Adults- a lateral cephalometric study.

Attended 50<sup>th</sup> Indian Orthodontic Conference at Hyderabad in 2015. Presented a paper titled "Leptin - A biological indicator of tooth movement."

Attended 51<sup>st</sup> Indian Orthodontic Conference at Goa in 2016. Presented a poster titled "Treatment of Obstructive Sleep Apnea using distraction osteogenesis of mandible – a case report."

Attended 53<sup>rd</sup> Indian Orthodontic Conference at Kochi in 2018. Presented a poster titled "Prediction of changes in maxillary and mandibular third molar angulation following extraction of premolars after orthodontic treatment."

**Course on Micro Implant Anchorage by Dr Hyo Sang Park at Saveetha University in July 2008.**

Indo- US CITI Workshop on Research Ethics Education in India at Sri Ramachandra University Chennai, in November 2009.

National Workshop on Lingual Orthodontics & Clear Aligners, Nov 2010, Chennai

Workshop on biostatistics and research methodology conducted by Dept of community Medicine, SRU, Porur, Chennai August 2010.

CDE programme on Nanotechnology at Sri Balaji Dental College and Hospital Chennai. On 12<sup>th</sup> April 2012.

Attended the Damon Advance Program in 2017 conducted by ORMCO.

Attended an one day symposium on Nickel Titanium by Dr. Alberto Takemoto at Sree Balaji Dental College, Chennai in September 2017.

Participated as Moderator in debate on Self ligating Appliances in the Rapid Orthodontic Accelerated Review (ROAR 2019) organized by Dept. of Orthodontics, January 2018.

Lectured on Construction Bite for Functional Appliances as part of ROAR 2019.

Attended a CDE programme "Bridging the Gap Contemporary Cleft Orthodontics" at Meenakshi Ammal Dental College, Chennai in October 2015.

Attended a CDE Programme held in October 2015 as part of Golden Jubilee Celebrations of Indian Orthodontic Society, organized by the Dept. of Orthodontics, SRIHER (DU).

Attended Ortho Master Class by Dr. Sean Holiday on Clear Aligners in March 2019.

Attended the Lingual Orthodontic Intensive Course conducted by Lab One 20, in Chennai in October 2018.

Attended One day with Damon International Faculty on Insignia, Practice Marketing and Advance Digital Orthodontic System in May 2018.

Attended a CDE Program Meliorism in Orthodontics conducted by Sathyabama Dental College, in July 2018.

Attended the 8<sup>th</sup> Orthocon conducted by Tamil Nadu Govt. Dental College and Hospital, Chennai on 5<sup>th</sup> April 2018.

Attended CDE Program “ Meliorism in Orthodontics conducted by Sathyabama Dental College, in July 2019.

Guest Lecture at Sri Adiparasakthi Dental College, Melmaruvathur on “ Prescriptions in Preadjusted Edgewise appliance” in 2017.

### **Membership in Committees;**

1. Member of Private Clinic Overseeing Committee. Faculty of Dental Sciences
2. Member of CDE committee, Faculty of Dental Sciences.
3. Member of Patient feedback Committee, Faculty of Dental Sciences.

### **Publications:**

1. Srinivasan B, Premkumar S. Assessment of serum dehydroepiandrosterone sulphate in subjects during the pre-pubertal, pubertal, and adult stages of skeletal maturation. The European Journal of Orthodontics. 2011 Apr 20;34(4):447-51.
2. Srinivasan B, Kailasam V, Chitharanjan A, Ramalingam A. Relationship between crown-root angulation (collum angle) of maxillary central incisors in Class II, division 2 malocclusion and lower lip line. ORTHODONTICS: The Art & Practice of Dentofacial Enhancement. 2013 Mar 1;14(1).
3. Srinivasan B, Chitharanjan AB. Skeletal and dental characteristics in subjects with ankyloglossia. Progress in orthodontics. 2013 Dec;14(1):44.
4. Jayachandran T, Srinivasan B, Padmanabhan S. Salivary leptin levels in normal weight and overweight individuals and their correlation with orthodontic tooth movement. The Angle Orthodontist. 2017 May 4;87(5):739-44.
5. Srinivasan B, Padmanabhan S, AnandKumar V , Rajendran V, Chitharajan A. Intrusion of supra erupted of maxillary molar using buccal and palatal micro implants – A case report. International Journal of orthodontics . Vol 28(3) 29-33. fall issue 2017.
6. Srinivasan B, Padmanabhan S, Chitharanjan AB. Constancy of cervical vertebral maturation indicator in adults: A cross-sectional study. International orthodontics. 2018 Sep 1;16(3):486-98.
7. Sathyanarayana HP, Srinivasan B, Kailasam V, Padmanabhan S. Corticotomy and piezocision in rapid canine retraction. American Journal of Orthodontics and Dentofacial Orthopedics. 2016 Aug 1;150(2):209-10.
8. Devi A, Srinivasan B, Padmanabhan S. Ideal parameter to assess efficacy of fixed functional appliance: angular or linear?. European journal of orthodontics. 2016 Apr 6;38(3):337-

9. Ganasekaran D, Srinivasan B, Padmanabhan S. Effectiveness and Comparison of Different Skeletal Expansion on the Maxillary Transverse Discrepancy : A Systematic Review. *International Journal of Orthodontics* 2018;29(4);22-27.

10. Srinivasan B, Chithranjan C, Kailasam V, Lavu V, Ganapathy V. Evaluation of leptin concentration in Gingival Crevicular Fluid (GCF) during orthodontic tooth movement and its correlation to the rate of tooth movement. *Journal of orthodontic science*. 2019;8.

Contributed chapters in the TextBook of Craniofacial Growth by Dr. Sridhar Premkumar , Jaypee Publishers.

Contributed chapters in the Text Book of Orthodontics by Dr.Sridhar Premkumar, Elsevier Publishers.