

- Mini-Implant System
 Anchorage Screw
 Extension Hook
- Surgical & Dental Tools
- Maxillofacial Bone Plate

Mini-Implant System

The purpose of Biokey mini-implant system is to provide orthodontists simple and reliable ways to treat a full range of cases and to reduce treatment time.

As a professional orthodontic Biokey mini-implant system supplier, we have moved from the only design stage to the design and manufacture stage.

Biokey mini-implant system is a reliable anchorage device which simplifies the treatment process and greatly minimizes patient discomfort after insertion.

Biokey mini-implant system is self-drilling and self-tapping, when meet a extreme case, may need a drill.





Anchorage Screw

Clinical Advabtages









Designed for comfort and easy insertion into the narrow space between the teeth.



Suitable for almost every kind of spring, wires, or special treatment.





Benefits

Orthodontic Mini-Implant with Rectangular-Hole

Saving

Saving doctors and patients' time without extra wire and accessories.

Stable

Rectangular-hole provide better stability for 3D traction and torsion force.

Safe

No need to use extra wire to fix the archwire, and minimize the risk of injuring oral tissue and uncomfortable situation. Simple

Easy and flexible to use the archwire.

Archwire Size Max 0.019"*0.025

Specification

Head Type	Tradition Type Classic Type Cap-Head Type Hook-Head Type		Flat-Head Type		Performance Type
Model	Non-Hole Round-Hole Slot-Hole		Non-Hole Round-Hole Slot-Hole		Non-Hole Round-Hole
Diameter(φ) Length	Ø1.6	Ø2.0	Ø1.5	Ø2.0	Ø1.4
6mmL					
8mmL					
10mmL					
12mmL					
14mmL					
*All products can select stainless steel and titanium material.					

Extension Hook

Expand the using range of anchorage screw and it can reach the location where anchorage screw can't insert.

Can be used with Tradition Type, Flat-Head Type and Classic Type.

Clinical Application







How to use Extension Hook



Surgical & Dental Tools





Maxillofacial Bone Plate

Made of medical grade metal which is better than traditional bone plate for maxillofacial surgery.

- More width design to cover mandibular bone for more support.
- More fixed holes for various directions.
- Thickness tapered design are perfectly fit to bone shape.







Our Consultant

Eddie Hsiang-Hua Lai DDS, MS, PhD, MOrtho, FDS-RCS(Edin), FICD

According to the smooth cervical surface special design, it can significantly avoid residues and also reduce the inflammatory reaction effectively. Three different parts of screw body not only can provide stronger twisting strength, distributing bone stress and increasing the stability, to resist the pull-out and lateral forces, but also improving the efficiency of insertion.

So, the BIOKEY mini-implant system is designed for an easier implantation procedure can do by the orthodontists and even for the better retention forces. From our clinical experiences we found that the treatment period could reduce as well as enjoy the outstanding and successful results with this system.

Present position

- 1. President, Taiwan Association of Orthodontist, Taiwan
- 2. Associate Professor, School of Dentistry, National Taiwan University, Taiwan
- 3. Head, Division of Orthodontics, National Taiwan University Hospital, Taiwan
- 4. President-elect, South East Asia Association for Dental Education (SEAADE)
- 5. Past President, Association of Family Dentistry, Taiwan
- 6. Past President, Association of Hospital Dentistry, Taiwan

Educational background

- 1. Ph.D., Graduate Institute of Clinical Dentistry, National Taiwan University, Taiwan
- 2. M.S., Graduate Institute of Clinical Dentistry, National Taiwan University, Taiwan
- 3. D.D.S., School of Dentistry, National Taiwan University, Taiwan

Professional background

- 1. International Dental ambassador, The Royal College of Surgeon of Edinburgh, UK
- 2. Fellowship, Faculty of Dental Surgery, Royal College of Physicians and Surgeons of Glasgow, UK
- 3. Fellowship, Faculty of Dental Trainers, The Royal College of Surgeon of Edinburgh, UK
- 4. Fellowship, Faculty of Dental Surgery, The Royal College of Surgeon of Edinburgh, UK
- 5. Fellowship, International College of Dentists (FICD)
- 6. Membership of Orthodontists, The Royal College of Surgeon of Edinburgh, UK





Promotion Service

Biokey can offer relevant professional courses for doctors who provide orthodontic treatment using Biokey mini-implant system by Dr. Eddie Hsiang-Hua Lai.

Day 1: Basic principal and theory of TAD					
1st session	Topic 1: Concept of disinfection. Topic 2: Understand the concept of anchorage in orthodontics. Topic 3: Be aware of the selection of TADs sites and sizes. Lab: Familiar with the TAD and instruments.				
2nd session	Topic 4: Learn the surgical placement for TADs. Topic 5: Biomechanical in orthodontics about TADs. Lab: TADs placement technique and place at least 2 TADS in orthodontics typodont during the lecture.				
Dev 0. Advanced eligical explication through TAD and deuted involunt					
Day 2: Advanced clinical application through TAD and dental implant					
3rd session	Topic 6: Orthodontic considerations in Esthetic implant dentistry.				

- Topic 7: Implant-assisted Orthodontics. Topic 8: Orthodontic Treatment in Adult Patients.malocclusion).
- 4th session Topic 9: Over 40 clinical cases discussion (Different kinds of malocclusion).

Day 3: Clinical practice of TAD at chairside				
5th session	Topic 10: TAD placement at chairside. Topic 1 1: Discussion after chairside observation.			
6th session	Topic 12: Analysis the clinical cases by the doctor (Every doctor must bring at least 1 case with full document).malocclusion).			





Leading High Precision Medical Engineering in the World





website

BOMEI CO., LTD.

- 4F., No. 1492-2, Chunrih Rd., Taoyuan Dist., Taoyuan City, 330022, Taiwan
- **(** TEL. +886-3-355-4989
- G FAX. +886-3-346-0897
- www.bomei.com.tw