

# semiOSS

miniscrew system

“Anchorage control is one of the most important factors for the success in clinical orthodontics. The osseointegration feature of SemiOSS Miniscrew System was smartly developed for Orthodontists”

**Dr. Elif Dilara Seker**



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www.bilimplant.com  
info@bilimplant.com  
0216 999 50 41

Dudullu OSB Mahallesi İmes 305 Sokak C Blok No:3  
Ümraniye /İstanbul Proimtech Sağlık Hizmetleri San. Tic. Ltd. Şti



## Dr. Elif Dilara SEKER

**Specialty:** Orthodontics

### Education

Dental Specialty , Erciyes University, Faculty of Dentistry, Orthodontics, 2017  
Bachelor's degree, Hacettepe University, Faculty of Dentistry, 2010

### Career History

Assist. Prof. - Bezmialem Vakif University, Istanbul, 2018 -

### Scientific Background:

Her thesis focuses on the SLA-surfaced miniscrews. Her clinical and research interests include side effects of orthodontic treatment (root resorption, white spot lesions), orthopedic therapy and cleft lip and palate treatments.

**E-mail** : dilaraarsln@hotmail.com

**Instagram** : dtdilara\_seker



## Dr. Alper ALKAN

**Specialty:** Oral and Maxillofacial Surgery

### Education

PhD, Ankara University, Faculty of Dentistry, Oral and Maxillofacial Surgery, 1998  
Bachelor's degree, Ankara University, Faculty of Dentistry, 1993

### Career History

Assist. Prof. - Ondokuz Mayıs University, Samsun, 1999 - 2004  
Assoc. Prof. - Ondokuz Mayıs University, Samsun, 2004 - 2006

- Erciyes University, Kayseri, 2006 - 2009  
Professor - Erciyes University, Kayseri, 2009 - 2017  
- *Chairman of the OMFS Dept.* 2006 - 2017  
- *Dean of the Faculty* 2009 - 2015  
- *Observer (St George's Hospital, London, UK)* 2010  
- Bezmialem Vakif University, Istanbul, 2017 -  
- *Chairman of the OMFS Dept.* 2017 - 2019  
- *Dean of the Faculty* 2017 - 2020

### Scientific Background:

He was involved in numerous projects funded by TÜBİTAK, State Planning Organization and Scientific Research Projects of Universities as a coordinator and researcher and has over 350 national / international papers and reports, scientific awards and conferences. He serves as advisory board member and on the editorial boards of several scientific journals. He has over 20 years of experience in dentofacial deformities, cleft lip and palate, temporomandibular joint surgery and dental implantology. He is the scientific consultant of the dental implant company in Turkey.

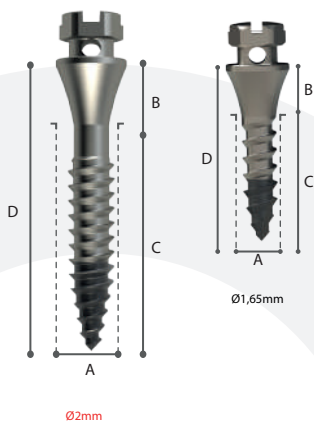
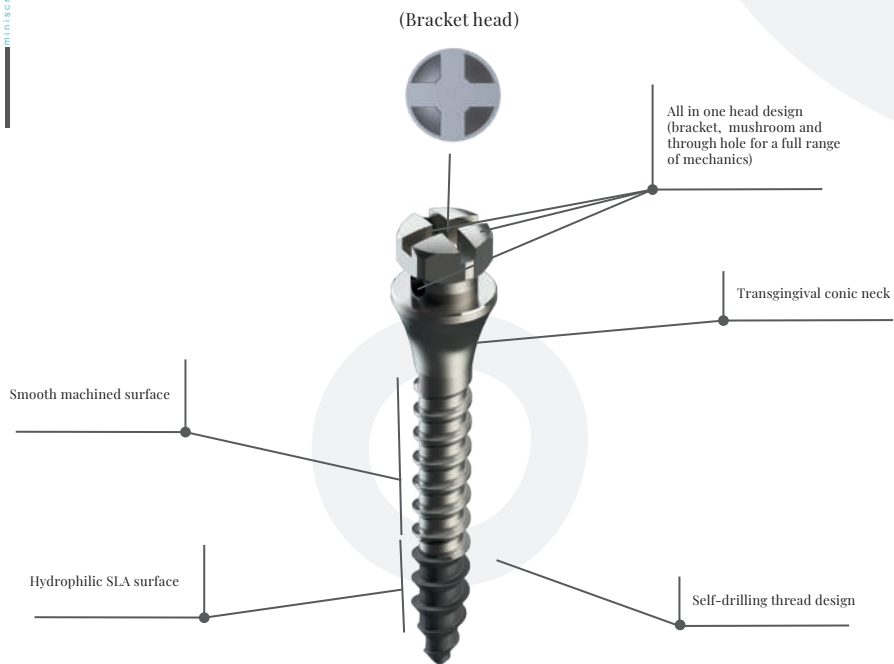
**E-mail** : dralperalkan@hotmail.com

**Instagram** : dralperalkan

# SemiOSS Miniscrew System Provides



- Miniscrew surface uniquely treated with Sandblasted, Large-Grit, Acid-Etched (SLA) technology for faster osseointegration,
- Increased stability in poorly-structured jaw bones,
- Prevention from contamination via sterilized blister packaging system for each miniscrew,
- Self-drilling thread design which ensures high primary stability,
- Safe and easy removing of miniscrew without an extra tool or equipment,
- Decreased cervical neck fracture under heavy forces,
- Encourage overcoming temporary anchorage problems in clinical practice,
- Excellent single-head design for the different types of orthodontic mechanics,
- Easy placement in posterior and palatal areas by using drivers with different lengths.



	Outer Diameter	Transgingival Portion	Thread Length	Overall Length
	A	B	C	D
1	1,65 mm	2,5 mm	6 mm	8,5 mm
2	1,65 mm	2,5 mm	8 mm	10,5 mm
3	1,65 mm	2,5 mm	10 mm	12,5 mm
4	2 mm	2,9 mm	10 mm	12,9 mm
5	2 mm	2,9 mm	12 mm	14,9 mm



## Drivers

Hexagonal tip designation of the SemiOSS drivers ensures safe handling of the miniscrews with decreased wobbling and loosening of the miniscrew.

The SemiOSS drivers along with screw release sleeves and screwdriver blades are available in different lengths to minimize the morbidity during the miniscrew placement particularly in hard-to-reach areas of the oral cavity, such as infrazygomatic region, palate or buccal shelf of the mandible, etc.

## The SemiOSS Miniscrew System Surgical Tray

The SemiOSS Miniscrew System Kit contains screwdriver blades and handles, screw release sleeves in long and short sizes and drills in a small-sized compact box allowing chairside use.

The entire kit is autoclavable but instruments can also be sterilized individually.

# surgical KIT

The SemiOSS  
Miniscrew System Box  
with Instruments

surgical  
KIT

surgical  
KIT

