

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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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.

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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, 1997

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 founded by TUBITAK, 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.

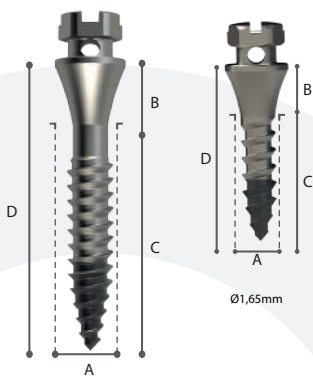
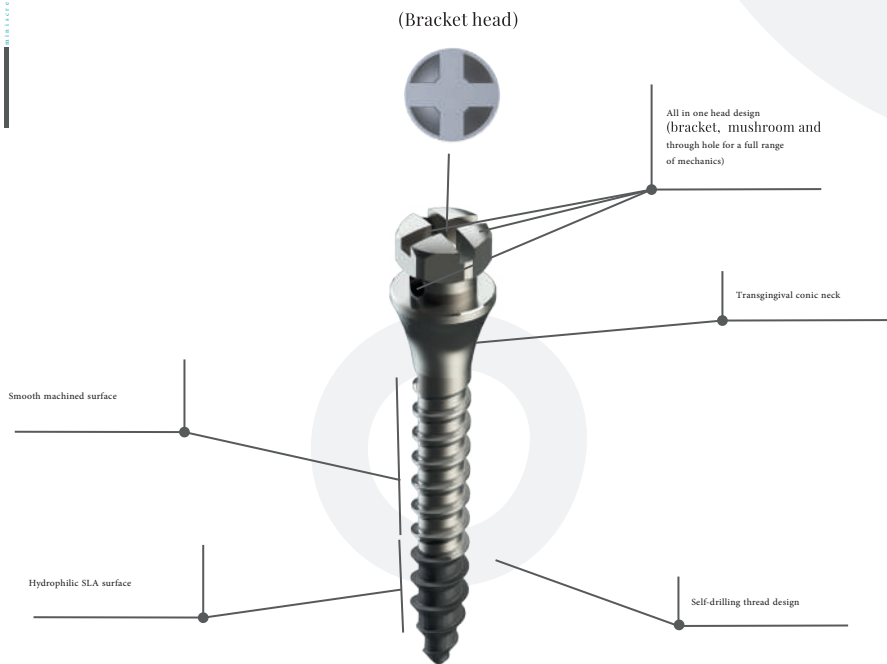
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SemiOSS Miniscrew System Provides



- 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

Ø2mm



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.

