Micro Implants Provide Ideal Orthodontic Anchorage

Micro Implants

designed to control and manage anchorage based on directional force mechanics

- Uniquely designed with a smaller diameter of 1.2mm to 2.0mm
- Allow for easy insertion into many previously unattainable areas of the maxilla and mandible
- Ideal for both self-tapping and self-drilling driving methods
- Made from high quality titanium alloy
- Feature a variety of head types
- Accept all orthodontic systems including wire, ligatures, elastomers, and springs

Micro implants are ideal for pre-surgical and pre-restorative tooth movement and may provide an alternative to surgery. Micro implants have broad clinical application including:

- retraction of teeth
- molar uprighting
- molar distalizing
- midline correction
- protraction of the posterior teeth
- intrusion of anterior and posterior teeth
- correction of occlusal canting

Micro implants...

- do not require osseointegration
- have nearly no anatomical limitations to location
- can be fully loaded immediately after placement
- are simple to remove at the end of treatment
- are easy to insert, safe, and cause little or no discomfort
Micro Implants from Great Lakes are available in a variety of head types

**Small Head Implant**
- Tapered and Cylinder Type
- Diameter: 1.2*, 1.3, 1.4, 1.5, 1.6, & 2.0*mm
- Length: 6, 7, 8, 10, & 12mm

**No Head Implant**
- Tapered Type
- Diameter: 1.2* & 1.3mm
- Length: 6 & 7mm

**Long Head Implant**
- Cylinder Type
- Diameter: 1.2* & 1.3mm
- Length: 6 & 7mm

**Circle Head Implant**
- Tapered Type
- Diameter: 1.3, 1.4*, 1.5*, & 1.6*mm
- Length: 6, 7, 8, 10, & 12*mm

**Fixation Head Implant**
- Tapered Type
- Diameter: 1.7* & 1.8mm
- Length: 6, 7, 8, & 9mm

**Bracket Head Implant**
- Tapered Type
- Diameter: 1.7* & 1.8mm
- Length: 6, 7, 8, & 9mm

- Right-handed and Left-handed

**Micro Implants** are available individually (2 per packet) or in a kit.
(Kit B shown)

Tools and accessories available include:
- Long Hand Driver
- Short Hand Driver
- Engine Driver
- Pilot Drill & Burs
- Crimpable Hooks, Pliers, & Case
- NiTi Closed Coil Springs & Holder

Also available from Great Lakes is “Microimplants in Orthodontics,” a new book written by pioneers in micro implant technology and AbsoAnchor developers J.H. Sung, H.M. Kyung, S.M. Bae, H.S. Park, O.W. Kwon, and James A. McNamara, Jr.

The full-color volume features a brief history of skeletal anchorage in orthodontics, the development of micro implants, selecting micro implant sites and sizes, surgical placement and removal procedures, biomechanics of implant anchorage, and numerous clinical case reports.