MADE IN DETROIT:
85+ YEARS OF DETROIT DENTAL

The GoldenDent™ brand and clinical solutions are the result of a third-generation dental family that began in Detroit Michigan in 1936, when Dr. Milford Golden opened his first Golden Dental Center. In 1971, Dr. M. Golden was joined by his son, Dr. Richard Golden, who would later grow the Golden Dental Centers to twenty dental offices years before group practices were popular like today. Dr. R. Golden recently retired from practicing dentistry in early 2020 after 49 years of practicing dentistry in Detroit. In 2007, Dr. R. Golden designed and patented the Physics Forceps atraumatic extraction system and technique, which is distributed by GoldenDent™. GoldenDent is a Detroit based dental manufacturer and distributor that operates under the principle of providing simple, predictable and unconventional solutions for dentists. GoldenDent™ continues to expand each year and has a full line of unique dental instrumentation and materials in addition to the Physics Forceps. GoldenDent™ is currently managed by Jackie Golden, Dr. R. Golden’s daughter, relying on eighty-five plus years of family dental knowledge and experience to manufacture and design products that are different and clinically work.

PRODUCT CATEGORIES

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DDRETOWN NEWS:
1940
Wagotrix: Sectional Matrix System

**WGSMIKB Intro Kit**

**UNIVERSAL RING**
- Proprietary reinforced material eliminates risk of breaking or spring off unlike metal rings;
- Exceptional strength resulting in guaranteed optimal separation forces and stability everytime;
- Delivers perfect tight contacts every time;
- Stackable for simultaneous restorations;
- Saves time and money compared to NiTi or metal rings; and
- Autoclavable - Recommended use is 5-10 times before replacing.

**WEDGES**
- Anatomical, rigid and adaptive characteristics to achieve perfect seal at gingival margin;
- Design is gentle on gum and rubber dam; and
- Stackable and can be placed without removing ring for improved seal of the box with ease.

**ANATOMICAL MATRIX**
- Anatomically correct shape;
- Non-stick composite does not stick;
- Super-thin (30μm), but resistant, for tight contacts;
- Easy placement and removal with Pin-Holder design; and
- Saves time and money due to less finishing.

**SECTIONAL MATRIX INTRO KIT INCLUDES:**
- 25 - 3.5mm Anatomical Matrix
- 25 - 4.5mm Anatomical Matrix
- 25 - 5.5mm Anatomical Matrix
- 25 - 6.5mm Anatomical Matrix
- 1 - Matrix Ring Forceps
- 25 - Wedge - Small (white)
- 25 - Wedge - Medium (gold)
- 25 - Wedge - Large (pink)
- 10 - Matrix Ring (green)
- 1 - Pin-Holder

**PIN-HOLDERS & FORCEPS**
- Pin-Holders perfectly grip matrices and wedges for easy placement and removal;
- Cross-over design allows for the Pin-Holder to be exceptionally strong and to passively grip the matrix during placement or removal;
- Pin-Holder gold tip allows for easy pin location; and
- Ring Forceps designed with built-in grooves to simplify setting rings and minimize hand fatigue.

**Anatomical, rigid and adaptive characteristics to achieve perfect seal at gingival margin;**

**Design is gentle on gum and rubber dam; and**

**Stackable and can be placed without removing ring for improved seal of the box with ease.**

**Anatomically correct shape;**

**Non-stick composite does not stick;**

**Super-thin (30μm), but resistant, for tight contacts;**

**Easy placement and removal with Pin-Holder design; and**

**Saves time and money due to less finishing.**

**SECTIONAL MATRIX INTRO KIT INCLUDES:**

- 25 - Wedge - Small (white)
- 25 - Wedge - Medium (gold)
- 25 - Wedge - Large (pink)
- 10 - Matrix Ring (green)
- 1 - Pin-Holder
Wagofil: Zirconium Infused Composite

Wagofil™ Zirconium Infused Posterior Composite is a light-cured, radiopaque composite designed for posterior restorations. The proprietary filler in Wagofil is Zirconia which is known in the dental industry for low wear, increased strength, low shrinkage and high radiopacity. Available in Three Convenient & Simple Shades - A1, A2 and B1.

Wagocore: Zirconium Infused Composite Core Build-up

Wagocore™ is a visible-light activated, radiopaque, posterior core build-up restorative composite. The filler in Wagocore is Zirconia Silica. Available in white in individually packaged 5.0gm syringe that is immediately ready for use.

Wagoform: Composite Instruments

Non-Stick, Super-Hard, Titanium Coated Composite Instruments available in various blade and plunger shapes and sizes that offer a low friction surface and resistance to abrasion for the perfect restoration. The handles are lightweight and larger in diameter for perfect ergonomics and control to achieve ideal contouring and shaping.

I have been clinically using Wagofil and Wagocore with awesome results. The composite is predictable, strong and easy to work with. I highly recommend!"

- Dr. Ara Nazarian
ContacEZ IPR Strips
An innovative interproximal reduction system that makes interproximal enamel stripping safe and accurate without creating sharp corners or subgingival ledges.

Woodecker O-Star
Wide Spectrum Curing Light
The O-Star curing light by Woodpecker is small but powerful. Full-metal body, ergonomically-streamlined design for ease of holding during procedures.

- Light weight design, anti-shock protection from dropping and durable;
- 7 convenient use modes to meet a variety of clinical needs;
- Uniform beam, strong penetrability;
- Light Intensity up to 3,000MW/Cm2;
- Charging Base with Built-In Light Meter; and
- 360° Rotatable Head & Low Profile for Posterior Use

Fender Wedges
The FenderWedge® protects the adjacent tooth and gingiva during preparations. Damage to adjacent teeth is a common problem from the bur during Class II preparations.
MD Guide: Pilot Drill & Surgical Guide in One - Implant Spacing

Smart
MD Guide is an alternative to a conventional surgical guide and pilot drill combined into one that provides accurate mesio-distal spacing and parallelism when placing implants. It allows you to visualize the final emergence profile immediately. You are still working “free-hand,” but with more precision and accuracy to avoid misplaced implants — less stress for you!

Saves Time
MD Guide is an alternative to fabricating a conventional surgical guide with a lab or making a guide in your office. This results in large time savings for the practitioner, with less chair time for the patient. Save time and money by using the MD Guide.

Universal
The MD Guide works with any handpiece and implant brand. You are not changing your current surgical protocol or implant brand, but simply using the MD Guide versus the pilot drill with your implant system.

“As an implant dentist, I find that the MD Guide makes my surgical protocol more predictable and I recommend it for any experience level.”
- Dr. David Little

The MD Guide has a series of various sized diameter drills that replicate the size of an average sized crown attached to your typical 7.5mm length and 2.0mm diameter pilot drill. Various sized diameter “virtual teeth” act as the spacers when placing multiple implants. In total, there are five drilling guides and five virtual teeth in the Intro Kit.
Flex Series: Implant Abutment Forceps

Gently hold and stabilize healing abutments during the approach, positioning and placement into the implant. The driver easily screws the healing abutment into the implant while being secured by the Implant Abutment Forceps.

**FS IA1**
Implant Abutment Forceps #1: 90° In-Line Access

**FS IA2**
Implant Abutment Forceps #2: 75° Offset Access

**Penguin ISQ Implant Stability Measurement**

The Penguin RFA allows for an easy, accurate and affordable solution to Implant Stability Quotient (ISQ). Whether you are checking the ISQ of an implant at immediate placement following an atraumatic extraction or before definitive restoration impressions, the Penguin RFA is the predictable and accurate choice to give you comfort your implant is stable and ready to load. Cordless, light-weight, and very user friendly. Multipegs are fully autoclaveable for multi-use.

**Autoclavable Pegs! Reusable**

**ISQ Measurement**

**Penguin ISQ Clinical Benefits Include:**

- Accurate ISQ measurement provides greater confidence when determining osseointegration and safe loading times;
- Cordless, light-weight (<3 oz), and easy to use; and
- A fraction of the cost of competing ISQ devices.

Multipegs are calibrated to individual implant brands and sizes. In some cases, Multipegs may be used across different brands for an even better return on investment. Call GoldenDent or consult the online Multipeg list to order the correct Multipeg for your implants.
Adin: Dental Implants

**Adin's most popular implant.** Made for simple and streamlined use featuring a high stability mechanism and unique surface treatment with an Internal Hex Connection.

**Touareg™** implants feature active and dynamic self-drilling threads, engineered to provide ideal primary stability and immediate loading capabilities in all bone types. Designed for confidence and predictable procedures.

**One Connection** – All Touareg™ diameters and restorative parts connect with one unified Internal Hex Connection to simplify management of surgical and prosthetic procedures.

Minimize micro movements between the dental implant & the abutment with Adin’s CloseFit™ implant system, that features an extremely strong, stable and solid conical-hex connection.

The CloseFit™ tapered core implant includes a multi-lead active and dynamic thread design. The unique design of the implant is suited for optimal repositioning at diverse angles. Designed for subcrestal placement up to 1.0-2.0mm.

The CloseFit™ implants feature Adin’s OsseoFix™ - a bio-compatible surface treatment that uses gritting with Calcium Phosphate media that is debris-free and designed to achieve the desired roughness levels needed for optimal osseointegration.
Why Choose Adin Guided Implants?

Adin’s Guided surgical kit layouts were designed to be intelligent and easy to follow.

The **guided system features** keyless self-centering drills and built-in stoppers to deliver safe and efficient guided dental implants. The drills also feature an industry first ActiveFlow technology that allows irrigation to flow easily through the guide to prevent excess bone-heating.

"I have been very happy with the clinical results and product support using the aggressively threaded Adin Touareg implants with their guided surgical kits. The guided option has a great layout that is easy to follow, it has self-centering drills with built-in stoppers (keyless) and an innovative drill design that allows for irrigation to flow easily through the guide."

Dr. Ara Nazarian
Endo Motor & Apex Locator

The Woodpecker Endo Motors are the strongest, most precise, smoothest and smartest brushless endo motors on the market today. The strong power, together with accurate and stable torque output results in efficient root canal preparation.

The smooth rotation results in less noise and more comfort for your patients.

The Ai Model has a built in Apex Locator. The display allows for real time location of the file in the canal and automatically stops, or reverses, as soon as the file reaches the apical stop to prevent perforation. Auto start and stop functions are also available to enable the motor to automatically start while the file is in the canal and stops when it is out of the canal.

- WORKS WITH ALL FILES
- HAS RECIPROCATING MODE

The Woodpecker Woodpex V Plus is the latest generation of apex locators from Woodpecker with precise accuracy as a result of its upgraded algorithm that make it more stable and enables stronger anti-interference abilities. This is the most advanced apex locator available today.

YOSHI WOODPECKER
Ai MODEL AVAILABLE!

“As an endodontist and instructor, I have clinically evaluated many endo motors over the years and the Woodpecker Ai is by far the best endo motor I have ever used. The Ai endo motor is my preferred choice in my practice. I recommend.”
- Dr. Yoshi Terauchi

- Sleek New Colors
- New Features to Safely Bypass a Ledge
- Increased Speed Option
GoldenTaper Rotary Endo Files

Comparable ProTaper Gold® files and technique.

The progressively tapered design of the files delivers significantly improved cutting efficiency and safety. GoldenTaper convex triangular cross-section enhances the cutting action while decreasing rotational friction between the blade of the GoldenTaper file and dentin.

GoldenTaper K-FILES

Stainless Steel

Made from USA NiTi Wire

STERILE

PACKING: 6pcs/pack
Single assorted
SIZE: #6 - #80
LENGTH: 25mm

Visit amplifydental.com for our "Endo for the GP" hands-on classes.

Paper Points/Gutta Percha

Compliment Pro-Taper type rotary files and are used with our GoldenTaper files. Millimeter marked & one hand slide open lid.

Paper Points: Length: 30mm • 100 points/box
Gutta Percha: Length: 28mm • 60 points/box

Endo Burs: Access & Safesider

Made from USA NiTi Wire

PACKING: 6pcs/blister-pack
Single size/assorted
SIZE: Shaping Files: SX, S1, S2
FINISHING FILES: #F1, #F2, #F3, #F4, #F5
LENGTH: 21, 25, 31mm (SX only in 19mm)
TAPER: Variable taper

Stainless Steel

Compliment Pro-Taper type rotary files and are used with our GoldenTaper files. Millimeter marked & one hand slide open lid.

Paper Points: Length: 30mm • 100 points/box
Gutta Percha: Length: 28mm • 60 points/box

Endo Access

"The GoldenTaper rotary files allow me to efficiently and comfortably perform endodontic procedures without the fear of file separation. This is a high-quality file at a great price that I use regularly in my practice."

Dr. Ara Nazarian
GoldenOne Rotary Endo Files

GoldenOne sterile rotary endo files are comparable to WaveOne Gold® single files and technique.

The GoldenOne rotary endo files are available in 21mm, 25mm and 31mm lengths. They are to be used in the same manner and technique as WaveOne Gold®. This very popular technique will make your switch to our GoldenOne rotary endo files easy and seamless. Compare today and save.

The perfect solution for second molars and “small mouth” patients for unobstructed views during initial canal management. Ergonomic grip for better control and leverage. Fits any standard endo file. Includes five Universal EndoHandles: grey, purple, silver, yellow and red to coordinate with a complete set of files #8, #10, #15, #20, #25.

Made from USA NiTi Wire

STERILE

Paper Points/Gutta Percha

Gutta percha is designed to complement WaveOne Gold type rotary files and are used with our GoldenOne files. Millimeter marked & one hand slide open lid.

Paper Points: Length: 30mm • 100 points/box
Gutta Percha: Length: 28mm • 60 points/box

Fiber Posts - Mecodont

• Passive parallel-sided post with flat head for direct post/core build-ups in one appointment;
• Ideal for multi-rooted post/core build ups; and
• Efficient and smooth cutting burs.

Packaging: 4pcs/blister single use / assorted
Size: Shaping Files: Small, Primary, Medium, Large & Slide Path
Length: 21, 25, 31mm
Taper: 05, 06 or 07
Fiber Posts - Glassix Plus

• Highly radiopaque & light transmitting fiber posts;
• Anatomically shaped (cylindro-conical);
• Color-coded for easy identification;
• Comes in 4 different sizes; and
• The indication is for corono-radicular reconstructions.

Threaded Titanium Posts - Ancorex

• Cylindrical & Conical. 2/3 of the length is cylindrical for the best retention and 1/3 of the length is 3° conical to avoid stress in the apex area of the root;
• Thread design to give mechanical retention in the dentin when screwed in, or to give retention in the cement if the post is cemented;
• The slot around the head is designed to provide mechanical retention for buildup material composite or amalgam;
• Evacuation slot to allow excess cement to escape which might otherwise cause pressure in the apex;
• Cemented or screwed use; and
• 20 convenient sizes.

Titanium Metal Pins

Nordin® Titanium Retention Pins are machined out of a solid rod of non-corrosive, premium pure titanium, giving the pins maximum retention. They are not merely a threaded wire pushed into a shaft, but are machined out of a solid rod of premium pure titanium, making them much better than any other titanium pins on the market at a fraction of the cost of market leaders.

Titanium Posts - Mecodent

• Passive parallel-sided post with flat head for direct post/core build-ups in one appointment;
• Ideal for multi-rooted post/core build ups; and
• Efficient and smooth cutting burs.

Mecodont drills cut better based on studies.
Gutta-Percha Obturation System

The Fi-P (Heat & Packing) and Fi-G (Hot Melting & Filing Gun) work in conjunction with each other for the ultimate gutta-percha obturation system for your root canal procedures.

**The Fi-P (pen)** for heat and packing heats to the selected temperature setting in only 2 seconds. There are four working temperatures (150, 180, 200, 230°C) to choose from to match your preferred gutta-percha type. The pre-bent tips are very thin and designed to penetrate deep into the root canal. The unit has a large 4 hour battery and can perform 1,500 uses on single charge.

**The Fi-G (gun)** for melting and filing heats to the selected temperature setting in only 15 seconds. There are four working temperatures (150, 180, 200, 230°C) to choose from to match your preferred gutta-percha type. The flexible 360 degree rotatable needle tips are very thin and designed to penetrate deep into the root canal to reach the apical 3mm. The unit has a large 4 hour battery and can perform 1,500 uses on single charge.

Each plugger has a smaller NiTi alloy tip end and the other end is stainless steel. The smaller size is the NiTi tip and the larger size is the stainless steel tip.

NiTi is known as “memory metal” and will return to its original shape even after multiple uses of bending within curved canals. The NiTi tip has two laser markings for 10mm and 15mm for identification of condensation depth marks. The instruments are produced with a precise machining process to guarantee taper accuracy up to 0.02mm. Ergonomically designed handles for ease of use.
Flex Series: Endodontic File Forceps

Get a stable and secure grasp on K-files at any angle. Achieve greater access, better line of sight and more precise adaptation in less time. Reduced fatigue and stress on you and the patient during endodontic procedures.

Easily secure & grasp k-files

The sharp prongs may impale the parachute holes facilitating 270°s of positioning in the X, Y, & Z axis for easy approach to all canals. Ideal for use with mirrors or microscopes. For obturation they are ideal for use with Gutta-Percha and resin based carriers.

Root Canal Sealer

Two-component epoxy resin-based system:

- Excellent sealing ability: low shrinkage;
- High adhesion to gutta percha and dentin;
- Outstanding flow characteristics;
- Fast & easy preparation;
- High pH value: calcium hydroxide, antimicrobial activity;
- Low solubility; highly biocompatible; excellent radiopacity & consistency.

Endo Irrigation Solutions/Needles

Available in:

- 2-in-1 EDTA & Chlorhexidine
- 5% Sodium Hypochlorite
- 17% EDTA

Convenient Luer-Lock Dispensing Cap, which works perfect with our 3cc Luer-Lock Syringes & 1” Bendable Side Vent Needles.
WAMkey: Crown and Bridge Removal

With the advancements in adhesive cement, many crown removal products have the potential to fracture the tooth preparation. As a result, most dentists have resorted to cutting off crowns, which can take a lot of time, put wear on your handpiece, use expensive burs, be uncomfortable for the patient, and lastly be a frustrating process. With the WAMkey, the crown or bridge is removed in seconds and can be used as a temporary or permanently with little use of expensive burs or wear on your handpiece.

WAMkey is, quite simply, the easiest to use and most effective crown removal system on the market. Simply open, insert, and rotate.

Economical

With the advancements in adhesive cement, many crown removal products have the potential to fracture the tooth preparation. As a result, most dentists have resorted to cutting off crowns, which can take a lot of time, put wear on your handpiece, use expensive burs, be uncomfortable for the patient, and lastly be a frustrating process. With the WAMkey, the crown or bridge is removed in seconds and can be used as a temporary, or permanently, as the process preserves the crown.

Predictable

Dental Advisor rated it ++++1/2 and the Top Crown and Bridge Product with over a 90% effective rate during its clinical evaluation. When WAMkey is used in good indications, it will work in an effective, atraumatic and predictable manner better than conventional methods or any other crown remover system on the market — guaranteed!

WAMkey Intro Kit

Works great with Zirconia!
Consider our Zirconia Burs.

#1 Small
#2 Medium
#3 Large

W WKP
WAMkey Intro Kit

OPEN

Locate the most accessible spot and estimate the cement layer level by drilling a thin horizontal “window” in the crown. Enlarge this window to see (or feel) the cement layer. Deepen the channel until it reaches the center of the preparation.

INSERT

Introduce the #1 size key down to the bottom of the slot and make a simple ¼ rotation on the handle with your fingers to gently release the cement layer. Increase size as needed.

ROTATE

The crown is removed in seconds and can be used as a temporary or permanently with little use of expensive burs or wear on your handpiece.

#1 Small
#2 Medium
#3 Large

W WKP
WAMkey Intro Kit

WAMkey®

#1 Small
#2 Medium
#3 Large

Works great with Zirconia!
Consider our Zirconia Burs.

Zircator

Ball
Flame
The Physics Forceps® are an atraumatic extraction system that provides a simple, predictable and unconventional method of extracting teeth regardless of the condition of the tooth, while providing a positive patient and practitioner experience.

What is it?
The Physics Forceps® are effective in most cases, including badly decayed or broken down teeth, endodontically treated teeth, fractured or fragile teeth, curved or long rooted molars and cuspids, or any tooth that would historically be challenging with conventional instrumentation. The Physics Forceps® are ideal for implantologist that want to preserve the surrounding bone and tissue in preparation for dental implants.

Why it works?
The Physics Forceps® place a constant and steady load on the tooth, allowing “creep” to build, releasing hyaluronic acid, resulting in the break down of the periodontal ligaments. Studies have proven this breakdown occurs in a much faster time period than conventional methods that employ intermittent, rocking or brute strength types of forces.

How does it work?
The Physics Forceps® operate as an elevator, rather than forceps, using first-class lever mechanics. One handle is connected to a “bumper,” which acts as the fulcrum, that is placed deep in the vestibule. The other handle is connected to the “beak,” which is positioned most often on the lingual or palatal root of the tooth into the gingival sulcus. No aspect of the instrument grasps the crown and there is no advanced elevation needed. Once the instrument is properly placed, the handles are rotated a few degrees with only wrist movement in a slow, steady and controlled manner — no squeezing!

When to use?
The Physics Forceps® are effective in most cases, including badly decayed or broken down teeth, endodontically treated teeth, fractured or fragile teeth, curved or long rooted molars and cuspids, or any tooth that would historically be challenging with conventional instrumentation. The Physics Forceps® are ideal for implantologist that want to preserve the surrounding bone and tissue in preparation for dental implants.
Physics Forceps Standard Series

The Physics Forceps® Standard Series extraction instruments can be utilized on all teeth in the mouth with the exception of third molars. In some instances, due to patient access, the Standard Series may not access “hard-to-reach” second molars. In these cases, the Molar Series should be utilized.

Physics Forceps Molar Series

Physics Forceps Pedodontic Series

Dr. Tim Kosinski

The Physics Forceps® are absolutely critical for my implant practice to atraumatically extract teeth and to preserve bone in preparation for dental implants. I recommend them in all my implant training programs.

GMX 200LU
Lower Universal

GMX 100UL
Upper Left

GMX 100UA
Upper Anterior

GMX 100UR
Upper Right

GMX 400EZ1
Lower Right & Upper Left

GMX 400EZ2
Lower Left & Upper Right

GMX 50S
GMX Pedodontic Series Set

GMX BG 100/200
GMX BG 50
Bumper Guards

GMX BG 400
Bumper Guards

25% SMALLER!

"The Physics Forceps® are absolutely critical for my implant practice to atraumatically extract teeth and to preserve bone in preparation for dental implants. I recommend them in all my implant training programs."

Dr. Tim Kosinski
Extraction Instrumentation

Elevators

- **GO SS1** Bayonet
- **GO SS2** Straight
- **GO SS3** Curved

Micro Serrated Periotomes

- **GO SS6** Micro Serrated Anterior
- **GO SS7** Micro Serrated Posterior

Luxators

"Unconventional" Conventional Forceps

- Titanium Coated for Strength and Hardness;
- Scratch & Corrosion Resistant for Long Life;
- Serrated Beaks for Unparalleled Grip;
- Unique Handle Reduces Weight & Improves Tactile Feel; and
- Gun Metal Finish for Unmatched Aesthetic Look.
Distal Elevator

Maxillary tuberosity fracture can occur during an upper molar extraction procedure. The upper molars may be fused to the bone around the tooth and fracture of maxillary tuberosity may occur. The Distal Elevator should be used to separate the tuberosity and distal bone when extracting a maxillary second, or third, molar to prevent removal of tuberosity during the extraction procedure.

Tooth Delivery Instrument

The Tooth Delivery Instrument is used to deliver the tooth from the socket after the Physics Forceps® have loosened the tooth. The design of the Tooth Delivery Instrument allows the tooth to be easily grasped and removed from the socket.

"Wedge" Elevator

The Wedge is a perfect “pre-step” to your atraumatic extraction process. The sharp / thin tip of the Wedge instrument is designed so it can be pushed apically easily between the remaining tooth root and the bone using a slight rotational movement, which compresses the bone and allows the instrument to slide farther apically. The Wedge should be used slowly and gently, pushing apically, and “wedging” between the rigid, hard tooth surface and the bone.

Dr. Ara Nazarian

“An atraumatic extraction is very important in preparation for implants. I find that using the Wedge in advance ensures that the surrounding bone and soft tissue are ideal and makes the extraction more predictable. I highly recommend.”
Piezo Bone Surgery

The Ai-Surgery Bone Piezo from Woodpecker delivers superior surgical results for atraumatic extractions, sinus lifts, alveoloplasty, crown extension, crest splitting + much more.

The Ai-Surgery bone piezo is intelligent and powerful, with excellent cutting efficiency. The intelligent system will automatically adjust to the most appropriate output power according to the surgical procedure to avoid overheating. The new touch screen interface is user-friendly and convenient for the dentist to operate. The multi-function foot pedal allows the user to easily change the modes and features.

The Ai-Surgery has a new and improved LED handpiece that eliminates overheating due to the enhanced sensing technology and smart control system. The Smart Control System automatically identifies the different bone quality and strength, and will adjust as necessary to achieve the optimal output. This makes the tips cut more efficiently, is less work for the dentist and is quieter for patient comfort.

VISIT OUR WEBSITE FOR TIPS and ACCESSORIES

Newly Upgraded Model

EFFICIENT
Excellent cutting efficiency and ease of use.

INTELLIGENT
Automatically adjusts to the most appropriate output power to avoid overheating.

USER-FRIENDLY
New operation interface is more convenient.

Extremely Reliable

EASY TO OPERATE
- Mode Selection. Power varies per different bone quality
- One-Touch Enhancement.
- Water Flow Adjustment. Different water flow adjustment levels.
- Easy Rinse. Rinse pipeline via control of foot pedal.

- Multi-function Foot Pedal
- Sterilizable Water Pipe
- Ultra-quiet Peristaltic Pump
Woodpecker LX16: Diode Laser

The Woodpecker LX 16 is a high powered diode laser with 20+ dental applications. The LX 16 is user-friendly with its large intuitive touch screen to easily select the pre-programmed desired procedure. It is reliable with its long lasting lithium battery that lasts up to a week on a single charge, has quick attaching sterile fiber tips, and is priced competitively. The handpiece is ergonomic with an on/off button, and is fully autoclaveable.

Up to 16w (peak power) laser output with wavelength of 976nm and an additional 200mW laser output with wavelength of 650nm. The 976nm is a traditional infrared dental laser. Due to its deep penetration in tissues, it is widely used for the reduction of bacteria in periodontal disease and endodontic diseases. At the same time, this wavelength is also suitable for high power laser treatment (HPLT) and pain reduction in TMJ. The 650nm laser mode is used for low-level laser therapy (LPLT) and pain reduction in TMJ. It will contribute to wound healing and bio-stimulation of dental surgery.

**APPLICATIONS INCLUDE:**
- Dental soft tissue surgery;
- Endodontic sterilization;
- Periodontal sterilization;
- Peri-implantitis;
- Low-intensity laser therapy;
- Oral ulcer; and
- Teeth whitening.

**LASER PARAMETERS**

- **WAVELENGTHS & OPTICAL POWER**
  - 976 + 280nm / Pmax = 16 W
  - 650 + 200nm / Pmax = 16 W

- **LASER SYSTEM**
  - 976 nm: Class IV
  - 650 nm: Class II
  (according to IEC 60825-1)

- **EMISSION MODES**
  - CW (continuous wave) chopped 1 Hz to 20 Hz

- **AIMING BEAM**
  - 650 + 200nm / Pmax < 5mW

- **BATTERY**
  - 11.4V 2600mAh x2 (537Whr)
OsteoGen Plugs & Strips - Bone Graft

Regardless of grafting experience, you can predictably and simply preserve a socket following an atraumatic extraction for -

$\approx 50$ COST and NO MEMBRANE IS NEEDED!

Osteogen plugs are NOT collagen plugs that only act as wound dressing. The OsteoGen Bone Grafting Plug combines OsteoGen Bioactive Resorbable Calcium Apatite Synthetic Graft with a bovine achilles tendon collagen matrix to create a structure that mimics the organic and inorganic components of physiologic bone. This is the easiest and most effective graft on the market today.

Plug Sizes

1. 5. 6.

2. 4.

OsteoGen Plugs & Strips - Bone Graft

Strip Sizes

Small: 12 x 20 x 3mm
Large: 20 x 40 x 3mm

Now Available in XL Size

Available In 5 & 10 Packs

Cut & shape like the tooth & place!
GoldOss Allograft - Bone Grafting

Industry leaders choose GoldOss Allograft by GoldenDent™ for their grafting needs!

GoldOss uses proprietary market leading technology designed to preserve native bone morphogenic proteins (BMP's) that are necessary for effective osteogenesis. The process includes a validated low-dose, low temperature sterilization step in combination with multiple proprietary rinsing agents. Unlike other industry-wide manufacturing processes, GoldOss does not include the use of chemicals such as hydrogen peroxide or high levels of gamma irradiation both known to kill BMP's, but still produces a sterile graft with a Sterility Assurance Level of 10-6. The end result is cell-friendly grafting material proven to preserve native BMP's and maintain cell viability. Not all allografts are the same! Compare your brand to GoldOss today.

Particulate
Mineralized Cortical/Cancellous 250-1,000um
Available Sizes
0.25cc, 0.5cc, 1.0cc, 2.0cc & 5.0cc

DBM Putty & Crunch Putty
Available Sizes
Putty: 0.5cc, 1.0cc & 2.5cc
Crunch Putty: 1.0cc & 2.5cc

HIGH QUALITY, FAIR PRICE!
Membranes: Long Lasting Resorbable

EpiGuide® Synthetic
EpiGuide® is a uniquely structured synthetic bioresorbable polyactide (PLA) membrane.

CollaGuide Collagen
CollaGuide™ is manufactured with no chemical cross-linking, creating an excellent healing environment. It is composed of type 1 collagen and is derived from closed-herd bovine sources. Available in 3 sizes.

Bleeding Control: Hemostatic Gauze

Collagen Plugs

Long lasting; 4-6 weeks, non-toxic and non-pyrogenic bovine collagen wound dressings. Control bleeding and stabilize clots, protect wound bed, or to maintain graft in extraction site for ridge preservation.

Bioviva
Bioviva is an individually packaged, sterile, soluble, cellulose-based, bacteriostatic hemostatic gauze dressing made from oxidized, regenerated cellulose derived from plants. Bioviva absorbs blood and immediately transforms into a viscous gel sealing capillary ends and activating the clotting system to assist the body to stop bleeding.
Molecular Iodine Mouth Rinse

In the current times of working with infectious disease, why would you not use the strongest and most effective mouth rinse available today as a pre-procedural step in your practice? It is simple, effective, safe, and adds an extra layer of safety for you, your staff and your patients. It simply makes sense to do your part in minimizing the potential for exposure to infectious disease.

- 33X stronger than povidone iodine
- 17X stronger than chlorhexidine gluconate
- Does NOT cause microbial resistance like chlorhexidine

Gold standard autogenous graft easily processed from extracted teeth in minutes.

- Faster bone healing time - the site will be restoration ready at a much faster rate in comparison to non-autogenous grafts or to non-grafted sites;
- No rejection, inflammation, disease transmission, or fast resorption;
- Immediate stabilization (very little, if any recession) and predictable bone remodeling;
- Excellent soft tissue response;
- Easy to explain to patients leading to greater patient grafting acceptance;
- Reduces graft cost to dentist; and
- Enhances implant stability.

Degranulation and Bone Burs

Our Degranulation & Shaping Bur Intro Kit predictably levels and shapes bone, removes unwanted granulation tissue in preparation for dental implants and cuts with ease. A must have for any practice offering extraction and grafting procedures.

Smart Dentin Grinder: Bone Graft

**EXTRACT → GRIND → GRAFT**

SD IK

**IOAL**

**IOAC**

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Reflector: Soft Tissue Retraction

Allows for easy retraction of larger areas of soft tissue for various procedures including an exposure of a surgical site for bone leveling, grafting and dental implant placement. The elevator style handle allows the practitioner full control when reflecting the mucoperiosteum away from the bone in just a few simple wrist rotations.

Practical Grafting Kit

Designed by Dr. Ara Nazarian
Flex Series: Scissors

Model FS FSS:

1. Perpendicular approach to suture.

2. Blunt tips provide the “tactile feel” necessary to locate suture in edematous & hypertrophic tissue without patient discomfort.

3. The scissors are then opened to straddle the suture & re-advanced.

4. Activate the scissors to cut the suture without damage to the tissue.

Model FS SFC:

1. Engage the suture on the right side of the knot.

2. Cut, grasp and remove the suture in one smooth motion.

Flex Series: Thumb Lock Needle Holders

FS NTS
7” Needle Holder Straight Tips

FS NTC
7” Needle Holder with Suture Cutter and Straight Tips

FS FSS
Featherlite Suture Scissors

FS MTS
Micro Periodontal Tissue Scissors

FS SFC
Suture Removal Scissors & Forceps Combo
Flex Series: Needle Holders
Grasp any needle without splaying, breakage or loosening. Carbide jaws retain their shape and ability to hold at the tip long after other brands fail. No joint to snag sutures, more durable and lighter than titanium.

FS NUS
Universal 7" Needle Holder
No joints! Snagless needle holder.

FS NCS
Advanced 7" Needle Holder w/ Suture Cutter & Straight Tips
Tips never expand and return to designed shape everytime!

FS NCC
Advanced 6" Needle Holder w/ Suture Cutter & Curved Tips
Drive, tie & cut with one instrument!

Serrated Surgical Lucas Curette
Perfect for proper debridement following an extraction. If there is insufficient blood supply post extraction the OsteoGen Plug, or allograft/clot mixture can dry and shift within the socket, exposing nerve endings and leading to dry socket / post-op discomfort.

MW702-286S

Flex Series: Connective Tissue Graft Forceps
Micro-Thin for uninterrupted passage through tunnel.
75° E/W Angulation ideal for all areas and applications.
Pressure Limiting Construction for maximal closure and locking to not damage graft.
Diamond Dusted Tips for slip resistance.

FS TFU
Tunneling Graft Forceps

Sutures
GoldenDent PGA Sutures
Compare today to other expensive top brands. Same quality, amazing price.

Bioviva Silk Sutures

GO S319

SPGA
LED & Air Clean Mirrors

**LED MIRROR**
- White light led brightness of 65,000 lux;
- Ultra high definition front surface alloy coated lens (r98%);
- Patented 1-click replaceable mirror lens; and
- Autoclaveable medical-grade plastic for optimal hygiene.

**MIRROR + ENDO GAUGE**
- Lightweight & durable;
- Ultra high definition front surface alloy coated lens (r98%);
- Built-in handle 30mm endo gauge;
- Patented 1-click replaceable mirror lens; and
- Autoclaveable medical-grade plastic for optimal hygiene.

**SELF CLEAN AIR MIRROR**
- Uses air to clean lens;
- Improved visibility & allows for more efficient work;
- Easy & instant plug & use air connect options - easy set up;
- Ultra high definition front surface alloy coated lens (r98%);
- Patented 1-click replaceable mirror lens; and
- Autoclaveable medical-grade plastic for optimal hygiene.
Micro & Photo Mirrors

**SELF CLEAN AIR MICRO MIRROR**
- Micro lens sizes are 3.0, 5.0, 10 & 15mm
- Uses air to clean lens;
- Improved visibility & allows for more efficient work;
- Easy & instant plug & use air connect options - easy set up;
- Ultra high definition front surface alloy coated lens (≥98%); and
- Autoclaveable medical-grade plastic for optimal hygiene.

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HVE Mirrors

**MINIMIZE AEROSOL REDUCTION & ACHIEVE BETTER VISIBILITY**
- Powerful suction;
- 20 suction holds;
- Suction in all perspectives;
- Eliminates a large percentage of these dental aerosols;
- Continuous high volume suction and
- Minimize infectious aerosols.

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VISIT US ONLINE FOR CLINICAL VIDEOS
GOLDEN-DENT.COM
Piezo Ultrasonic Scaler & Periodontal Treatment

The Woodpecker PT5 is the ultimate ultrasonic device that consistently delivers fast, professional and minimal-invasive scaling, polishing and periodontal treatments comfortably for the patient. The PT5 utilizes titanium tips in an elliptical (circular) motion which are more comfortable and flexible during treatment.

The PT5 built-in technology allows the impact force between the tip and the teeth to be automatically adjusted for maximum comfort. The PT5 automatically increases power when resistance at the tip increases and automatically decreases power when resistance at the tip decreases. All this combines to give an intelligent and intuitive technology that respects the tooth’s natural structure. No Pain! Less stress for you and the patient. This is not just another scaler, but the best.

How Does This Compare to Cavitron®-Style (magnetostrictive) Scalers? And Why You Need the PT5 in Your Office

Cavitron®-style (magnetostrictive) scalers are often underpowered for calculus removal and can cause sensitivity when used on exposed dentin. Cavitron scalers can also damage implants if you are not very careful. The technology available today in a unit such as the PT5 ultrasonic delivers more than you can ever achieve with Cavitron scalers.

Compare to EMS® brand that is thousands more!

KIT INCLUDES: 2 LED handpieces, 13 tips, 2 sterilization boxes, in a smart carrying case.
Piezo Ultrasonic Scaler & Air Polisher

The Woodpecker PTA model combines air polishing and scaling into one smart system with an easy to understand and adjust touch screen display. **The PTA is your complete prophylaxis solution.** Air polishing uses compressed air to spray powder and water on the tooth surface to remove surface adhesives such as plaque. It is comfortable for the patient, powerful and does not scratch the tooth surface. The PTA has dual water supply bottles and a multi function foot pedal.

**Compare to EMS® brand that is thousands more!**

![Image of Piezo Ultrasonic Scaler & Air Polisher](image_url)

**VISIT OUR WEBSITE FOR TIP INFORMATION**

**TITANIUM TIPS**

- Small-caliber nozzle, more concentrated air polishing
- Anti-blocking system reduces blocking
- Air polishing + Perio + Endo + Implant Maintenance
Implant Surgical Motors

**Touch Screen Implant Motor (WPIM) & 20:1 LED Handpiece (WPMC)**

The Woodpecker Implant Motor is smart, powerful and comprehensive. It features adjustable torque, which allow it to be used for implant, surgical, and endodontic applications.

Large glass color touch-screen controls allow for improved visibility and ease of use. Visual images display every step of the implant procedure with pre-programmed parameters set at the desired speed, torque and water flow for each step. The pre-set parameters and simple one click touch controls eliminate the need to constantly be manually changing the parameters during surgery.

*The pre-programmed touch screen icons are set as follows (which can be programmed based on preference).*

- **Speed Range:** 300 - 40,000 rpm
- **Torque Range:** 5N cm - 80N cm (gear 20:1)
Electric High Speed Handpiece Motor

The Woodpecker MT2 is an affordable and smart way to switch to an electric handpiece. Electric handpieces provide constant speed and torque that does not change as the load increases. Due to the constant pace, it also creates a smoother and more precise cut, allowing for greater flexibility in preparations. The MT2 delivers faster cutting & maximum handpiece durability by providing steady speed & high torque with very little noise. Electric handpieces are growing in popularity quickly each year in the USA due to:

- Constant Speed & Torque;
- Improved Patient Comfort;
- Less Aerosol Formation - very important in todays environment; and
- Speed Range: 2,000-40,000 rpm

Our electric motor is also available in the MT3 version that has a free-standing water tank so it does not have to be connected to your dental chair unit for its water source.
Vibraject Comfort

• Works based on the Gate Theory of Perception, where the vibration created by the VibraJect is carried rapidly to the brain on thicker more insulated nerve tissues arriving before and eliminating the needleprick discomfort that travels to the brain on thinner nerve tissues. The vibration gets to the brain first and cancels the discomfort.

• Simply clip the VibraJect onto your existing syringe:

• No new techniques to learn and it does not change your current injection protocol; and

• There are no disposable aspects (tips or handpieces) and no continued running costs.

Tuttle Numb Now - Needle Guides

The perfect solution for tough-to-numb (“hot”) teeth. The TNN needle guides can be used with your existing syringe and/or needles. Simply use the guides to achieve smart local anesthesia that works. Proven & comprehensive TNN training material is also available to re-think local anesthesia for the better from Dr. Greg Tuttle.

CALAJECT Computer-Assisted Local Anesthesia

Let’s face it, patients do not enjoy injections as they can be uncomfortable. Calaject allows you to deliver pain-free injections with ease. The Calaject computer controls the flow rate, ensuring a smooth and gentle flow of anesthesia. The light pen grip design and foot pedal switch provides a relaxed working position and excellent finger support so the needle can be kept perfectly still without vibration. The easy to understand visual displays and auditory alerts makes the Calaject easy to implement into your practice.

The secret is an intelligent and gentle administration of the anesthetic solution which eliminates the pain that typically occurs when an injection is given too quickly. Calaject features three program settings which are carefully designed for the most common local anesthesia techniques used in the oral cavity:

1) intraligamental and palatal injections;
2) infiltrations and
3) nerve block anesthesia.

No special needles or carpules needed.
X-Ray Protective Surgical Gloves

Getting the perfect image may make you the “hero” of the day with some difficult patients where the holders will not work, but you must consider your radiation exposure in your hands. Our X-ray Protective Surgical Gloves stop up to 75% of the radiation, are re-usable, and still allow the necessary sense of touch to handle the sensor properly.

- **GXP 370**
  - Size XS/7
- **GXP 375**
  - Size S/7.5
- **GXP 380**
  - Size M/8
- **GXP 385**
  - Size L/8.5
- **GXP 390**
  - Size XL/9

Latex free! Reusable

SeeMore Lip, Cheek & Tongue Retractors

SeeMore Retractors are re-usable, quick & simple to use. Increases patient comfort & allows for unobstructed visibility for any restorative procedure. The retractors have many uses including placement of orthodontic brackets, de-bonding when taking full arch impressions for perio procedures, crown preparations (increased access and visibility) and implant placement surgery just to name a few!

- **SM S**
  - Size Small
- **SM L**
  - Size Large

Autoclavable!
Amplify Dental Training will give you the knowledge you need to immediately achieve predictable extractions, grafting, dental implants & endodontics in your office as a GP. We will give you a clear road map on what to do and how to handle each clinical situation, then perfect the knowledge gained in the classroom by performing surgical procedures on our live patients provided for you and/or provided surgical models. As a practicing GP, the teaching style of Dr. Ara Nazarian is practical, honest, engaging, and easy to follow. With the proper roadmap and instrumentation you will learn that these procedures can become less stressful and more predictable for you as a GP. Our smaller class size allows each participant to remain engaged and have their questions answered in depth by Dr. Ara Nazarian. You can do this, just follow the steps!

Dr. Ara Nazarian - Lead Course Instructor
CONTINUING EDUCATION

amplify DENTAL TRAINING

LEARN IT, DO IT

THE MOST HANDS-ON LIVE-PATIENT DENTAL TRAINING IN AMERICA
TOP NOTCH SERVICE

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- Order with GoldenDent & get a 15-minute training online with our experts
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- Great customer service in a call or click
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