Introducing...





Ultrasonic friendly, and tactile. This new alloy makes better instruments. Lighter than titanium, stronger than stainless steel, elastic, and it cannot rust or corrode...

- Needle holders that resist bending out of shape, and last for years
- Thumlok*, the new locking mechanism for needle holders, that offers never gets stuck
- Liquid Scissors technology... Incredibly reliable scissors shear all the way to the point for YEARS, without becoming loose or splayed
- New tissue forceps that secure soft tissue without crushing or interrupting bloodflow
- Sonic Steel instruments produce a tactile feel better than bare fingertips
- And so much more

This is a growing portfolio of instruments that resist structural decay. You can find independent studies conducted at UCLA, Yale, Univ. of Michigan and RIH on page 42.

If it is vetted by Laschal , it is "Reliably A Step Above"

Have you ever had trouble with	Refer to
Needle Holders that fail to unlock during surgery? Left-handed?	pg 4-5
Castroviejo needle holders that fail during instrument ties?	pg 6-7
Accidentally cutting the suture knot?	pg 8-10, 15
Destroying tissue during retraction and manipulation?NEW	pg 13
Tearing tissue during suturing or manipulation?	pg 14
Removing a buried suture, and the unhappy patient?	pg 18-19
Scissors that ultimately fail?	pg 22-23
Joint fatigue during location of a canal, or initial instrumentation ?	pg 25
Retrieval of separated endodontic files?	pg 26-27
Stabilizing tissue grafts for shaping and trimming?NEW	pg 32
Removing a root fragment?	pg 30-31
Losing bone material during transfer from dish to socket ?	pg 33
Fumbling or dropping implant components and abutments ?	pg 34-35
Placing grafts in a surgical tunnel?	pg 36

SUTURING

Thumlok® Needle Holders	Pg 4-5
Snagless® Needle Holders	Pg 6-7
Cutting Edge Needle Holders	Pg 8-9
Cutting Edge Olsen Niemczyk	Pg 10
Suture Set	Pg 11
Tying Forceps	Pg 12
Forceless® Tissue Forceps NEW	Pg 13
CORN Suture Guidance Forceps	Pg 14
Assistant's Suture Cutter	Pg 15

SCISSORS

Liquid Scissors	Pg 22
Ring-Handled Scissors	Pg 23
Mesh Trimming Set	Pg 29
Rubber Dam Scissors	Pg 29
Bleaching Tray Scissors	Pg 29
Phrenectomy Scissors	Pg 29
Crown Trimming Scissors	Pg 29

PERIO / IMPLANT

Lasner Tissue Forceps		Pg 12
Soft Gingival Retractors		Pg 28
Graft & Membrane Forceps	NEW	Pg 32
Perio Pick		Pg 30
Raptor Root Forceps		Pg 31
Healing Cap Forceps		Pg 34
Implant Screw Forceps		Pg 34
Bone Packer Forceps		Pg 33
Hex-Alignment Forceps		Pg 35
Tunnel Graft Tissue Forceps		Pg 36

SUTURE REMOVAL

2-in-1 Suture Scissors/Forceps	Pg 16
Hooked Littauer Scissors	Pg 17
SofTouch® Suture Scissors	Pg 18
Suture Removal Forceps	Pg 19

ENDODONTICS

Tactile Endo File Forceps		Pg 24
Gutta Percha Removal Set NEW		Pg 25
FXP Troughing Probes		Pg 27
Steiglitz Forceps		Pg 27
Endo File Bender		Pg 28

RESTORATIVE

Raptor Post Removal Forceps	Pg 31
Polishing Strip Forceps	Pg 20
Points - Placement and Removal	Pg 21
Crown Removal Forceps	Pg 21
Crown Placement Forceps	Pg 21

LASCHAL® PARTNERS

VISTA_{ABC} Tunnel Kit Pg 37

HATE YOUR CASTRO?







- New locking mechanism *CAN'T GET STUCK*
- Automatically locks when you want it to, no fumbling
- Snagless No cross-joint at the tips to snag the suture during an instrument tie
- Ambidextrous True 90° mechanism allows for easy use in left and right hands
- When locked, Thumlok® acts as a pivotal point for your thumb, allowing the user to truly suture on a micro level

THUMLOK Options





		TUNGSTEN CARBIDE JAWS 3-0 to 6-0	MICRO TUNGSTEN CARBIDE JAWS 6-0 TO 10-0			
15.5cm straight	Baraquer	TCLR/TL	TCLRMM/TL	15cm		
15.5cm curved	Baraquer	TCLCR/TL	TCLCRMM/TL	15cm		
18cm straight	Baraquer	7-TCLR/TL ***Most Popular	7-TCLRMM/TL	17.75cm		
18cm curved	Baraquer	7-TCLCR/TL	7-TCLCRMM/TL	17.75cm		

WANT A BETTER CASTRO?

SNAGLESSNeedle Holders



- Snagless[™] No cross-joint at the tips to snag a suture white tying the knot
- Two available TC patterns to hold every size needle, from the largest to the smallest, without bending out of shape or damaging the needle
- Redesigned traditional Castroviejo lock withstands the test of time
- Standard tungsten carbide pads resist wear

SNAGLESS Options





6-0 to 11-0

STANDARD TUNGSTEN CARBIDE

15.5cm straight Baraquer TCL/R

15.5cm curved Baraquer TCLC/R

18cm straight Baraquer 7-TCL/R ***Most Popular

18cm curved Baraquer 7-TCLC/R

MICRO TUNGSTEN CARBIDE TIPS

TCLR/MM 15cm
TCLCR/MM 15cm
7-TCLR/MM 17.5cm
7-TCLCR/MM 17.5cm

A Castro With a Suture Cutter..?!?

CUTING EDGE

Built-in Guillotine for Cutting Sutures After Tying the Knot



- Suture slot holds the suture in place
- Cutting blade severs the suture cleanly
- Knots are too big to fit through the suture slot
- Cut tags to any length, or flush to the knot

CUTTING BIGE

SEEDLE HOLDERS

OPTIONS





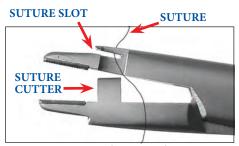
		Traditiona	I Castro Lock	
15.7cm straight	Baraquer	6-10RL		6-10RL/TL
15.7cm curved	Baraquer	6-10RLC		6-10RLC/TL
18.2cm straight	Baraquer	7-10RL	***Most Popular	7-10RL/TL
18.2cm curved	Baraquer	7-10RLC		7-10RLC/TL

 ${\it Micro\ TC\ Tips-custom\ order}$

RING-HANDLED NEEDLE HOLDERS

"Olsen-Hegar's Hot Cousin"

Compared to the traditional Olsen-Hegar needle holder, Laschal's Guillotine Suture Cutter is 80% closer to the tip of the driver, and requires 95% less clearance when opening to cut the suture. Making it far easier to use in tight spaces and safer to use during surgery in general



It cuts when it closes



Tungsten Carbide 12.5cm

CGS 4-0 to 7-0 SILK 3-0 to 8-0



Tungsten Carbide 16.5cm

CGS 0 to 5-0 SILK 1-0 to 4-0



Tungsten Carbide

18cm

CGS 0 to 5-0 SILK 1-0 to 4-0

NIEMCZYK SUTURE SET

A unique micro-suturing instrument set, designed by Dr. Stephen Niemczyk, DMD



7-0 to 10-0 Sutures

***Fifth Instrument not pictured Model # DS-1 Straight Vannas Scissors See page 22

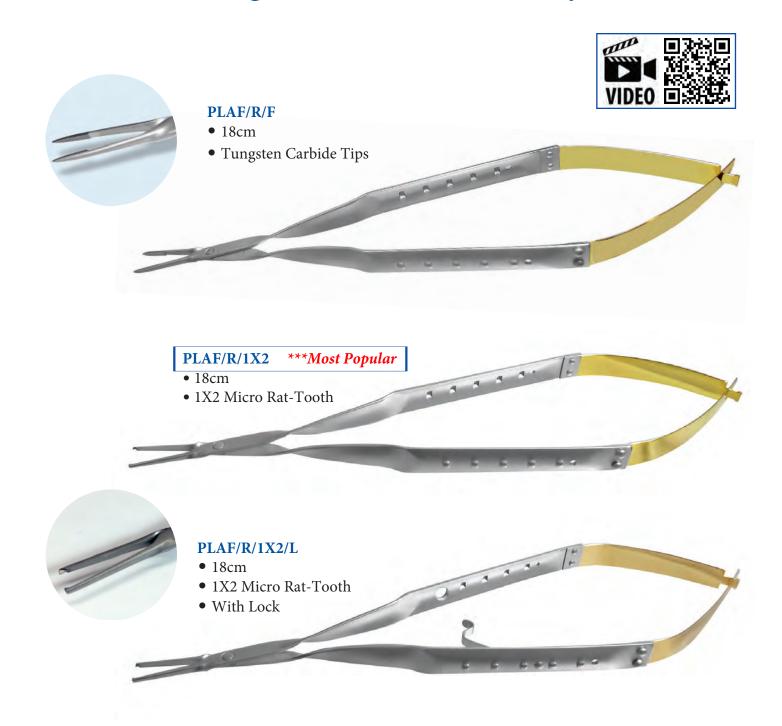




- Five instruments and a sterile case
- Needle holders (curved / straight), tissue forceps, scissors
- Ultra-micro, diamond tip needle holders
- Custom tissue forceps with tungsten carbide tips
- Laschal's finest tissue scissors, #'s 51-12-30C and DS-1
- Serrated Gold plated handles for superior grip and feel
- Scissors not coated for safe ID, flat handles for stability

TISSUE / TYING FORCEPS

Micro forceps for suture-tying in the most limited access areas. Available with Tungsten Carbide or 1x2 rat jaws



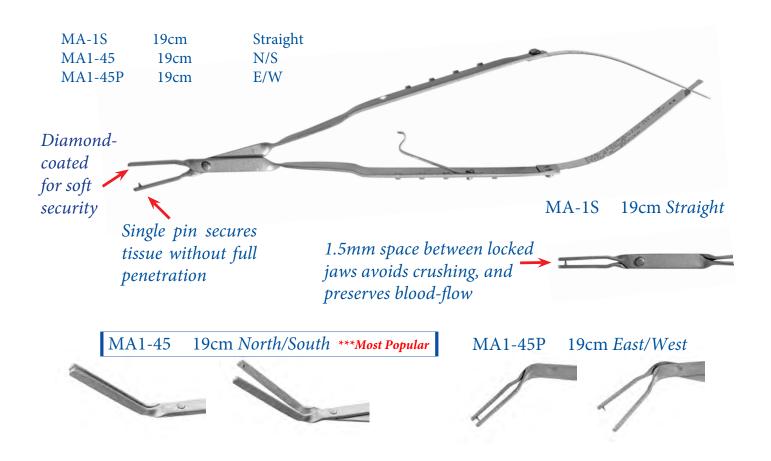
FORCELESS FORCEPS®

LOSE THE FORCE™

Manipulate Tissue with no risk

- ZERO applied pressure to tissue
- Non-crushing, and preserves blood-flow
- Slip-proof and self-locking
- Takes your assistant out of the way
- Eliminates assistant hand fatigue





SUTURE NEEDLE GUIDANCE

CORN Forceps Guarantee Precise Needle Placement When Suturing

The tips of the forceps gently grasp tissue and attached gingivae. Suture needles are guided through the grooves, allowing proper positioning









CORN/45 Corn Forceps with 45° curve and diamond dust for slip resistance 17cm





THE ASSISTANT'S SUTURE CUTTER

One Less Sharp Object in Someone Else's Hands

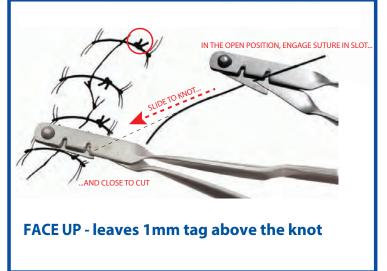


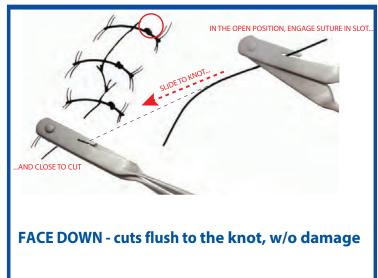
Sonic Steel® allowfor the slight pitch necessary to maintain a guillotine cutting edge against the suture slot

*Call for other available sizes



- Think of it as an insurance policy...
- Use the suture as a guide to the knot
- Cutter stops at the knot, automatically leaves a 1mm tag
- Or, back off from knot to trim at any desired length





SUTURE REMOVAL WITH ONE HAND

Leaves your other hand free to stabilize the patient

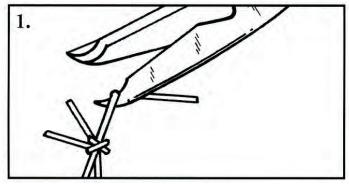
Position, grasp, cut, and remove sutures with one instrument



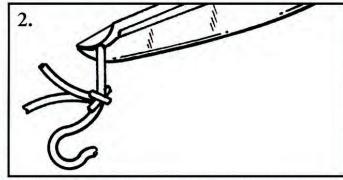
Sonic Steel® is flexible. it allows the creation of a forceps that first grasps a suture, and then cuts secondarily, all in one motion







1. Engage the suture on the right-hand side of the knot. DO NOT PULL



2. When you close, hold tightly in the closed position, and pull the suture out

HOOKED LITTAUER SCISSORS

The most narrow littauer scissors

- Displaces 90% less tissue than any other
- Greatly reduces patient discomfort and bleeding



SofTouch®Suture Scissors

Truly Painless Suture Removal

A patient's last experience in your office shouldn't be a painful one, and a happy patient is 10x more likely to refer





N-4CXF	14.25cm Curved	***Most Popular
N-4XF	14.25cm Straight	
N-4CXF-7	16.75cm Curved	

- Safely cut sutures without poking or irritating tissue
- Ball-point tips softly move tissue aside
- Enhanced tactile touch let's you know when you've located the suture
- Gently blunt-disect borders to reveal buried sutures
- Straddle suture with tips, and squeeze to cut



SUTURE REMOVAL FORCEPS

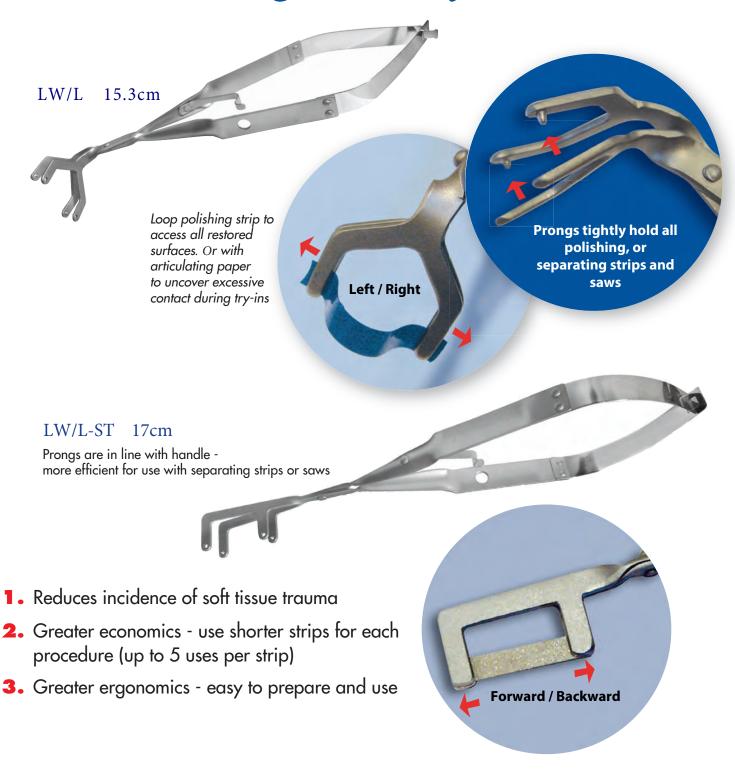
Rounded micro tips promotes atraumatic searching. Diamond coated for all size sutures



- Pushes tissue aside and only grabs suture
- Universal for all suture sizes and materials
- Soft, rounded tips for gentle patient application
- Diamond coated for superior slip resistance

POLISHING AND BREAKING CONTACT POINTS

Takes All Strips Out of the Fingers, and the Fingers Out of the Mouth



RESTORATIVE FORCEPS

POINTS

45-S 15cm

For placement and removal of points. Apply a modest amount of pressure for a soft yet firm grip

CROWN REMOVAL

45CCR 15cm

Crowns, cores and bridges. Facilitates removal of temporary crowns. Apply firm pressure for removal



CDF 15cm

Allows application of cement and vaseline for easy delivery and cleanup. Spread open from within, to load and release.

DO NOT SQUEEZE

LIQUID PERIO SCISSORS

Unbelievable Capabilities



YALE Medical - THEY CUT CLEANER page 42 **UCLA Harbour - THEY REMAIN RELIABLE**

51-12-30C 13.75cm **CROSSING BLADES**

- Upgrade your incisions! A Scissors to replace a scalpel
- NO SERRATIONS or the damage they cause
- First they bite, then they cut. Tissue never slides out
- Create excellent initial incisions and beautiful margins for suturing

71-15-30C

17.25cm periodontal scissors with 2cm curved blades, 30° angle

51-15-30C

15cm periodontal scissors with 2cm curved blades, 30° angle

51-15-45C

15cm periodontal scissors with 2cm curved blades, 45° angle

51-12-30c ***Most Popular

13.75cm periodontal scissors with 1.0cm curved blades, 30° angle

15cm scissors with 2.2cm straight blades

N-1C

15cm scissors with 2.2cm curved blades











51-12-45C

13.75cm periodontal scissors with 1.0cm curved blades, 45° angle

14.25cm Vannas scissors with 1.2cm straight blades

DS-1C

14cm Vannas scissors with 1.2cm curved blades

14.5cm stork-shaped scissors with 1.25cm blades

14.25cm scissors with 1.25cm straight blades

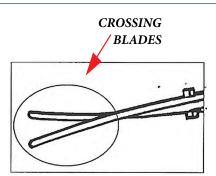
N-4C

14cm scissors with 1.25cm curved blades



RING-HANDLED SCISSORS

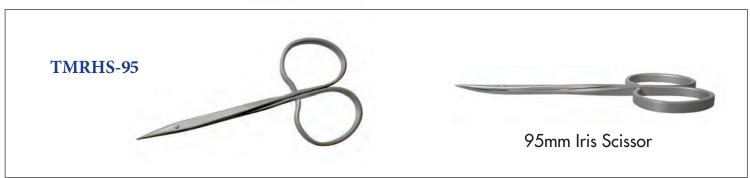
Sonic Steel * is flexible. It allows the crossing of scissors blades by 300%. In a 100% heavier stock than the Liquid Scissors, performance in general and special surgery is unparalleled





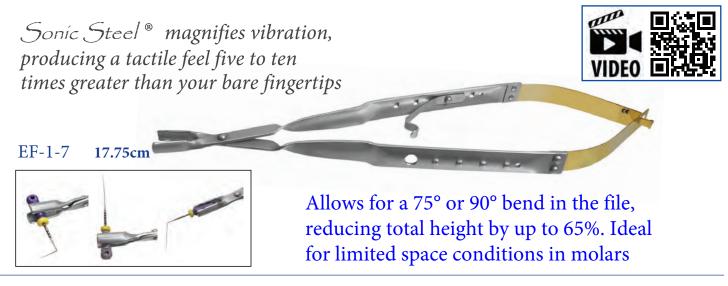






TACTILE ENDO FILE FORCEPS

Can't see anything during instrumentation? Get your fingers out of the way!!!



90AHF/L 15.75cm ***Most Popular



Up to 270° of mesio-distal angulation, for access to most areas and root positions

75CHF/L 14.5cm





- Extraordinary tactile sensitivity greater than finger manipulation
- Alleviates joint fatigue common to traditional instrumentation
- Diamond coated for slip-resistence

GUTTA PERCHA REMOVAL

by Dr. Juan Carlos Ortiz

Easily remove gutta percha and other materials from narrow accesses

Orientations - North, South, East, West

More Pictures coming soon...

- Maintains visibility during removal
- Can be pre-heated if desired
- Use in a scraping motion
- Set four instruments in a sterile tray
 - One each, with the hooks oriented North, South, East and West
 - Indicator arrow on each instrument shows orientation



HOW TO USE THEM - Think "hot knife through butter"

- Heat it up prior to patient application
 - Use any ultrasonic tip that fits snugly in the eyelet
 - Hold in place, turn on ultrasonic to medium/high power
 - Maintain for about 15 to 20 seconds to properly heat the tip of the instrument

CREATE ACCESS to BROKEN FILES...

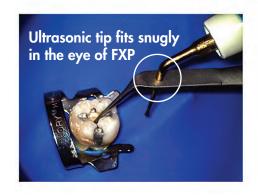
FXP creates access to separated files with indirect ultrasonics, using your existing hand-piece.







- Applied Oscillation-Cutting with diamond coated tips
- Diamond-dusted to create a trough and sand the sharp edges of the file
- Follows dilacerated (curved) canals, with use of Endo Bender (page 29)







& RETRIEVE WITH STEIGLITZ

The Finest, Thinnest and Strongest Carbide Forceps in the World





- North/South angulations address the bucco-lingual chamber orientation of anteriors and bicuspids
- East/West angulations address the mesio-distal chamber orientation of molars

Tungsten carbide for strength

North/South Forceps

45SL/M 15cm ***Most Popular
75SL/M 14.5cm

East/West Forceps 45SPL/M 16cm 75SPL/M 15cm



Diamond for deeper access



ENDO FILE BENDER

Create Complex Curvatures in files, and the FXP file removal system



Smooth, non-crimping action and design enhances ergonomics and prevents loss of file integrity



GINGIVAL RETRACTORS

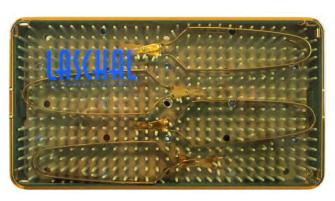
For use during examination, restoration, curettage, or surgery



- Atraumatic tissue manipulation
- Surgical-grade plastic cured for longevity
- Straight and angled for use in all cases
- Recommended as a set of two

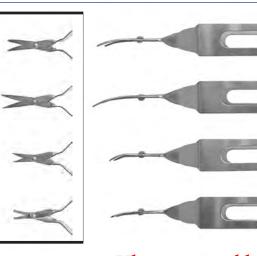


MESH TRIMMING SET





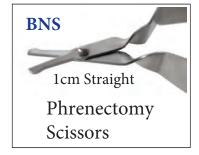
- Trimming titanium mesh
- Trimming titanium enforced membranes
- Tissue mincing
- Cutting retraction cord and utility



Ultra narrow blade profile offers improved line of sight

SET-TRIM

other USEFUL SCISSORS









SERRATED PERIOTOME

Periodontal ligaments are natural rubber bands.
Stretching them until they break requires
space & causes unnecessary damage

PICK and saw through them instead, & save socket integrity



- Saw and pick through ligaments
- Flexible tips resist breakage
- Micro-serrated edges last longer
- Less damage to surrounding tissue
- As atraumatic as an extraction can be

THE LEARNING CURVE

- Not to be used like traditional periotomes or elevators, not to be used as a pry-bar

RAPTOR Forceps

Narrow profile and super strength allows for easy access and removal of Root Tips and Posts.

Also ideal for Pediatric Extractions...



Root-Tip Removal

How to use it...

- 1. Using a burr, create two divots in the face of the broken root, buccal and lingual
- 2. Grasp on to the broken root or fragment
- 3. Use Serrated Periotome (page 26) to pick away and sever remaining ligaments
- 4. Luxate to remove

The Learning Curve:

Only a small amount of force is required to hold the grip. Don't squeeze too hard, it is not necessary.

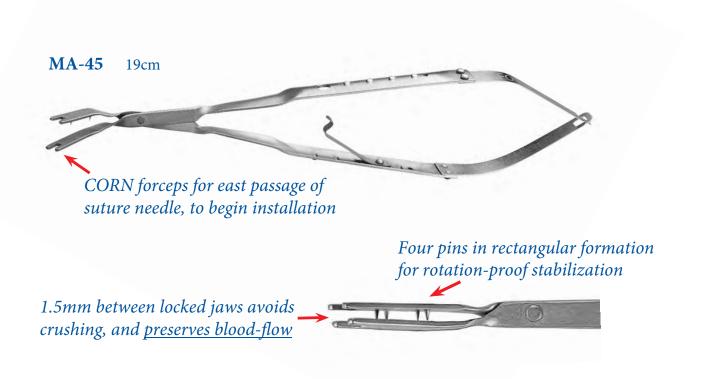
Post Removal

How to use it...

- 1. Lock the instrument on the exposed post
- 2. Snuggly place (any) ultrasonic tip in the neck of the instrument
- 3. Gradually increase from low to high setting
- 4. Ultrasonic vibrations begin to crack cement
- 5. As cement bonds crack, gently luxate to remove the post

Graft & Membrane Management

Safely stabilize connective tissue graft and membranes for trimming, without touching it or crushing it



- NO CRUSHING Holds a grip without crushing or fully penetrating
- THUMLOK® locking mechanism for ease
- 1.5mm minimum space between jaws when in closed/locked position
- Four pins for proper stability
- CORN forceps at the beak for suturing
- Best used with Liquid Scissors, page 22



BONE FORCEPS - Collect, Deliver, Pack

Easy guided graft-placement, without the loss of material

- In Third Molar Sockets
- Up in to the Sinus
- Around the base of exposed implants





Sonic Steel *contains no carbon, which means it won't contaminate implants of any material or brand



Half-moon tips gently pack in two ways. Close for a flat edge, open to circumnavigate any exposed implant

Collecting from the dish



Photos courtesy of Dr. Mariusz Bolzan, Poland

Delivering to the site

Control opening, clear the cone with any common packer

End result

Ever Drop a Healing Cap or Screw?

Eliminate the Potential



- Compatible with all sizes and shaped abutments
- Reverse spring action creates a secure but gentle grip
- Spread open to engage or disengage the abutment



Position and thread the abutment with confidence. Polished jaws avoids scratching



- For stabilizing smaller components with diameters of 0.5 to 7.0 mm
- Any size screw or component may be rotated between the prongs, with absolute safety and bio-compatibility. Ideal for plating systems
- Ideal for the placement fof healing abutments in areas with limited mesio-distal space

ABUTMENT/HEX ALIGNMENT

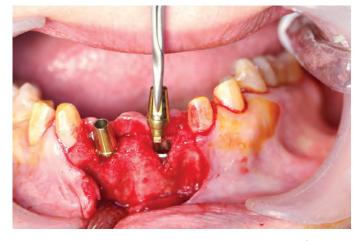
For Precisely Aligning Internal Hexes and Final Seating



Firmly holds without scratching or compromising abutment integrity

Sonic Steel *contains no carbon, which means it won't contaminate implants of any material or brand

Clinical images of alignment and seating of internal hexes



Approach and alignment of abutment on to implant



Final seating prior to permanent attachment

TUNNEL GRAFT FORCEPS

A time-saving complement to any tunneling technique





- Atraumatic only two newtons of pressure to firmly grip
- Blunted tips prevent damage to surgical tunnel and graft
- Easily navigate around compromised areas within the tunnel
- Significant reduction in time spent placing the graft

TF-R Curved right 15.1cm

TF-L Curved left 15.1cm

***Most Popular TF-S Straight 15.1cm





1. Create tunnel in any standard manner



2. Close forceps and walk through tunnel



3. Grasp connective tissue graft



4. Draw graft through tunnel



VISTAABC Tunneling Kit by Dr. Homa Zadeh



Perfectly paired wit Laschal's Tunnel Graft Forceps on page 36

Scan here for course information



An oral surgeon and an engineer walk in to a bar...



All Laschal® instruments and the Sonic Steel® material are patent protected in the USA and internationally

Web Site



Warranty and Repair Form





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