Dentistry Catalog
(USA)

The **PRECISION** you require with the **VERSATILITY** you need to be successful

At the Forefront of Radiowave® Technology Since 1959

ellman
Experts in Precision Surgery.
Established in 1959
“Radiosurgery® is one of the most important and versatile instruments in dentistry today. Its numerous uses range from performing surgical incisions to establishing hemostasis. Radiosurgery offers the advantages of a safe, fast and efficient incision with a better field of visibility. The radiosignal establishes hemostasis while minimizing the need for sutures.”

—Jeffrey A. Sherman, DDS
Diplomate, American Board of Oral Electrosurgery,
Fellow of the American College of Dentists,
and Author of the Textbook Oral Electrosurgery-
An Illustrated Clinical Guide
Radiosurgery® Overview

Radiowave Soft Tissue Dental Procedures
Less bleeding and better cosmetic results than laser, electrosurgery, and scalpel

HOW DOES RADIOWAVE SURGERY WORK?
A radiofrequency electrode tip becomes energized by the radiowaves but does not become overly hot. The high frequency radiowaves provide specific and delicate tissue interaction. This results in a focused cutting and coagulating effect, which disintegrates and volatilizes single cells minimizing the amount of tissue destruction. Healing is rapid and pain is minimized with reduced tissue damage.

WHY IS RADIOWAVE SURGERY SAFE?
Radiowave energy is low temperature, minimizing the occurrence of tissue necrosis and burning.
Unlike lasers, Radiowave surgery provides a light, but tactile incision which allows doctors to sense what they are cutting.
Unlike lasers, there is no risk of accidentally burning other areas of tissue through reflection or penetration of a light beam.
With some generator models, skin contact is not required between the neutral plate and the patient, minimizing the possibility of burns and shocks.

DISTINCT BENEFITS FOR YOUR PRACTICE
• Reduced risk of infection
• Quicker recovery
• Minimizes burning or charring of the tissue
• Provides clear and improved view of site
• Minimizes scar tissue formation
• Reduces chair time for each operation
• Permits planing of soft tissue
• Increases operative efficiency
• Improves the quality of restorations
• Facilitates delicate removal and recontouring of tissue

How Our Patented Radiowave Technology Works
Cellular Radiowave Absorption

1. High frequency Radiowave energy has a strong affinity for water.
2. Targeted tissue / cell readily absorbs energy due to high water content.
3. Intracellular pressure increases as water molecules expand.
5. Cellular interaction enables meticulous precise dissection with tissue preservation.

Clinical Citations
5. Sherman 1.
There is an inverse relationship between frequency and how deeply RF energy penetrates tissue (figure 1). The low frequency of conventional electrosurgery penetrates tissue more deeply. This generates more heat, which contributes to more cellular destruction along the path of the incision.

With Ellman generators, the high frequency radiowaves penetrate tissue less deeply. This generates less heat, minimizing tissue damage along the incision path.

(Please see page 25 for more information about Radiosurgery®)


Surgitron® Dual RF™/120 IEC

The patented Surgitron® Dual RF™ Energy Source generates 120 watts of power and operates at 4.0 MHz in a monopolar mode and 1.7 MHz in bipolar mode. This provides the power necessary for advanced surgical procedures.

Cat. No. IEC3A-S30
Surgitron® 4.0 MHz
Dual RF™/120 IEC RF Energy Source

Includes:
- IEC3A-S30 RF Generator*
- DF-FSC# Dual Footswitch & Cable
- IEC-HP1 IEC Foot-Controlled Handpiece
- IEC-3FHPB IEC 3-Button Fingerswitch Handpiece
- H79 Handpiece Clip
- VCD/PC5IEC3 Instructional CD ROM
- IEC-BC/I Bipolar Sterile/Single-Use Cables (3 pcs)
- IEC-NPC IEC Neutral Plate
- IEC-3FHPB/D1 Sterile/Single-Use 3-Button Fingerswitch Handpiece
- DSEP40 Medical Electrodes Assortment (40 pcs)
- “J” Series Bipolar Forceps (Item number determined by selection)
- IEC-JX/B IEC Bipolar Cable

Size
W x H x D
9” x 5” x 13”

Weight
18 lbs.

*Specify voltage: 110-220V, EU, UA, ANZ
Radiolase® 3

High Frequency-Low Temperature 4.0 MHz
Monopolar and Bipolar Technology in one economical, cost-effective system

Cat. No. RL3-D50
Radiosurgical Device

Includes:
- RL3-D50 RF Generator
- FTSW-2PC Footswitch, 2 pedal, compact
- IEC-1FHPA One-Button IEC Fingerswitch HP
- IEC-HP1 IEC Foot-Controlled Handpiece
- H79 Handpiece Clip
- IEC-JX/B IEC Bipolar Cable
- IEC-NPC IEC Neutral Plate
- DDS35 Dental Electrode Assortment
- J1 Bipolar Forceps

RF Operating Waveforms
1. Fully Filtered (Cut)
2. Fully Rectified (Cut/Coag)
3. Partially Rectified (Hemo)
4. Bipolar (Hemo)

Technical Description
- Frequency: 4.0 MHz
- Line Voltage: 110/120 Volts, Alternating Current, 50/60 Cycles
- Power Output: 50 Watts (Monopolar)
- 35 Watts (Bipolar)
- Size: 7” x 4.25” x 8.5”
- Weight: 10 lbs.

ENDODONTIC PROCEDURES
- Pulpotomies
- Apicoectomies
- Coagulation of a pinpoint exposure
- Coagulation of fractured incisor
- Hyperplastic tissue removal for rubber dam placement

ORAL SURGERY
- Impacted tooth exposure
- Operculectomies
- Orthodontic exposure
- Removal of epulis fissuratum
- Tuberosity reduction
- Apicoectomies
- Destruction of cyst remnants
- Incision and drainage
- Bipolar microcoagulation
- Removal of benign and malignant lesions
- Palatal stripping of hyperplastic palate (papillomatosis)

RESTORATIVE DENTISTRY
- Pulpotomies
- Elongation of crowns
- Exposure of gum line decay
- Tissue removal for matrix placement
- Anterior composite exposure and hemostasis

CREATE REVENUE • REDUCE STRESS • REDUCE BLEEDING

For orders call ellman® at: (800) 835-5355 • (516) 594-3333 • fax (516) 569-0064
For more information, visit our website: www.ellman.com
Dento-Surg™ 90 F.F.P.

Cat. No. DEN90110
Radiosurgical Device (Monopolar only)

Includes:
- DEN90110 RF Generator with Footswitch
- HP1 Foot-Controlled Handpiece
- H4 Coated Antenna Plate
- H79 Handpiece Clip
- VCD/PC5DV20 Dento-Surg 90 F.F.P.-Video CD
- DDS35 Dental Electrode Assortment

RF Operating Waveforms
1. Fully Filtered (Cut)
2. Fully Rectified (Cut/Coag)
3. Partially Rectified (Hemo)
4. Fulguration

Technical Description
- Frequency: 3.8 MHz
- Line Voltage: 110/120 Volts, Alternating Current, 50/60 Cycles
- Also available in 220/240 Volts
- Power Output: 60 Watts
- Size: 5” x 5” x 8”
- Weight: 7 lbs.

CROWN AND BRIDGE
- Widen sulcus or trough for impression
- Recontour pontic areas
- Recontour denture saddle areas
- Expose fractured facings for repair
- Remove tissue to facilitate bonded bridge placement

PERIODONTAL SURGERY
- Gingivectomies
- Mucogingival surgery
- Gingivoplasties
- Donor and recipient grafting procedure
- Gingival curettage
- Periodontal flap surgery
- Frenectomies
- Drug induced hyperplasia removal
- Coagulation of soft tissue
RF Electrodes (Disposable)

An economical and easy-to-use alternative to the hassle of sterilizing and re-using electrodes. Get “out-of-the-box” performance every time and eliminate the unknown worry about performance as reusable electrodes age beyond 20 cycles.

Electrodes
Sterile / Single-use Bendable Electrodes
25 per box
Available in 1/16” Shaft only

Ball Electrode - 2.3mm
Cat. No. D8D

Fine Wire Electrode - 3/8” Needle
Cat. No. A2D

Diamond Loop Electrode - 3/16” Dia.
Cat. No. C3D

Round Loop Electrode - 3/8” Dia.
Cat. No. B2D

Round Loop Electrode - 1/4” Dia.
Cat. No. B1D

U-Shape Electrode
Cat. No. 108D

Broad Needle Electrode
Cat. No. F1D

Troughing Electrode
Cat. No. 113FD

Vari-Tip™ Wire Electrode
Cat. No. A8D

Pin Electrode - 1/8” Pin
Cat. No. 133D

Complete Set of Assorted Electrodes
Cat. No. DDS35
Sterile / Single-use Bendable Electrodes
35 per box
Available in 1/16” Shaft only
Includes 7 electrode styles:
D8D, B2D, B1D, 108D, F1D, 113FD, A8D

Electrode Block
Cat. No. H1 1/16” shaft

Advantages
• Holds 18 Electrodes

Retractable Electrode Protector Stand
Cat. No. H66

Advantages
• Protects your electrodes from damage and breakage during the sterilization process
• Will stand on any flat surface for easy identification and access to each electrode
• Holds 12 electrodes, six 1/16” and six 3/32” (1 pc)
RF Electrodes

Bendable, Reusable Electrodes
Packages of 2 or 5

Code to Electrode Prefixes:
T-Package of 2 pcs
X-Package of 5 pcs (only available in products marked with ♦)

ellman® Electrodes are typically 1/16” shaft size, however, some electrodes are also available in 3/32” shaft size for standard electrosurgical generators.
Please specify 3/32” shaft size using “Q” as prefix to item #, i.e. “QT118B”

Empire microIncision™ Needle Electrodes
Sterile/Single-Use, available in 1/16” or 3/32” (2 per pack)
Use “Q” as a prefix when ordering 3/32” shaft size

For more information, visit our website: www.ellman.com

For orders call ellman® at: (800) 835-5355 • (516) 594-3333 • fax (516) 569-0054
RF Electrodes

Bendable, Reusable Electrode Sets

Sherman Electrode Set
Cat. No. EJS104
Jeffrey A. Sherman D.D.S.
Diplomate of the American Board of Oral Electrosurgery.

Standard Dental Electrode Set
Cat. No. EDS193B

Grafting Electrode Set (.009 Wire, 1.7/8” Length)
Cat. No. EDE112

Perio Surgery Electrode Set
Cat. No. EDE113

Cosmetic Perio Electrode Set
Cat. No. EDE111

Flocken Electrode Set
Cat. No. EFL103
John E. Flocken D.M.D.
Professor Emeritus of Prosthetic Dentistry U.C.L.A.

Code to Electrode Prefixes:
T-Package of 2 pcs
X-Package of 5 pcs (only available in products with ♦)
**ACe-Tip™ Technology Advantages:**
- Minimal adherence of tissue
- Low absorption
- Tissue preservation

The ellman® ACe-Tip™ electrodes are designed to reduce resistance/impedance which causes less undesired lateral heat compared to tungsten steel electrodes. A 45% reduction in the zone of hyalinization has been demonstrated.†

**ACe-Tip™ Advanced Composition Alloy** (Reusable)

Code to Electrode Prefixes: T-Package of 2 pcs
X-Not available in 5 packs

**Combination Set of ACe-Tip™ Electrodes**
Cat. No. NAD193B
Includes 6 electrode styles
NA124B, NA121B, NA127B, NA108B, NA135B, NA118B

*Data on file. FDA Submission Packet 510 (k) K071343
†Porcine skin.

**Handpiece Clip**
Cat. No. H79
For use with the Dento-Surg™ and Radiolase® 3

**Advantages**
- Space saver

**Wall Bracket**
Cat. No. HH
Includes all hardware

**Advantages**
- Space saver
- Swivel arm (12") and swivel plate
- Attaches easily to any vertical surface
- Will support up to 40 lbs.
Accessory Devices

The ellman® handpiece is designed to fit comfortably in your hand therefore maximizing productivity by reducing operator fatigue and discomfort.

3-Button Fingerswitch Handpiece for use with Surgitron® Dual RF™
Cat. No. IEC-X3FHPB

Foot-Controlled Handpiece for use with Radiolase® 3 and Surgitron® Dual RF™
Cat. No. IEC-XHP1

Bipolar Forceps
Cat. No. J1
Bipolar Cable required (see page 13)

ACe-Tip™ Non Stick Forceps
Cat. No. ACBF-010
Bipolar Cable required (see page 13)

1-Button IEC Fingerswitch
Handpiece for use with Radiolase® 3
Cat. No. IEC-1FHPA

For orders call ellman® at: (800) 835-5355 • (516) 594-3333 • fax (516) 569-0054
For more information, visit our website: www.ellman.com
Accessory Devices

Disposable Neutral Plate for:
Radiolase® 3 and Surgitron® Dual RF™
Cat. No. IEC-NPD

Reusable Neutral Plate for:
Radiolase® 3
Cat. No. IEC-NPC
Dento-Surg™ 90 F.F.P.
Cat. No. H4

Bipolar Cable, 10ft. for:
Dento-Surg™ 90 FFP
Cat. No. JX/E

Bipolar Cable, 10ft. for:
Radiolase® 3 and Surgitron® Dual RF™
Cat. No. IEC-JX/B

Footswitch, 2 pedal, compact for:
Radiolase® 3
Cat. No. FTSW-2PC

Wipe-Its™
Cat. No. H19

For orders call ellman® at (800) 835-5355 • (516) 594-3333 • fax (516) 569-0054
For more information, visit our website: www.ellman.com
The Atlas of Oral Radiosurgery®
Jeffrey A. Sherman D.D.S.
Cat. No. DVD/DV10
• Comprehensive, in-depth, step-by-step video footage
• 13 surgical cases performed and narrated
• Instructional transcript includes indications, steps in surgery, post operative considerations, and charts indicating waveform and electrode tips used
Self-Span™ Cheek and Lip Retractors  
Cat. No. ESS144 Self-Span™  
Plastic Cheek and Lip Retractors, pkg. of 3

Indication  
• Protection of lips and cheeks  
• Helps keep a dry field  
• Keeps lips retracted for prolonged clinical procedures  
• Increases visibility  
• Clinical photography  
• For patients 7 years and older

Advantages  
• Autoclavable (up to 250°F)  
• Slips into place easily and comfortably  
• Self-retained (no need to hold in place)

Non-Slip Grip Tip Pliers  
Cat. No. EGT188

Advantages  
• Autoclavable stainless steel  
• Using a gentle torque motion, the temporary crown or bridge is easily lifted and removed  
• Securely grasps Acrylic and Metal without damage  
• Reduces force necessary to break seal of Temporary Cement  
• Will not put holes in Temporary Bridges  
• Excellent angulation of handle

Non-Slip Grip Tip Scissors  
Cat. No. EGT187

Advantages  
• Autoclavable stainless steel  
• Using a gentle torque motion, the temporary crown or bridge is easily lifted and removed  
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• Excellent angulation of handle
Dental Accessories

Tincture of Myrrh & Benzoin
Cat. No. EMB200
Surgical Dressing (40cc bottle)
Includes 1 package of 10 Super Squeezy-ett™

Indications
• Use after any oral surgical procedures

Advantages
• Excellent post-operative dressing
• Protection against spicy foods, irritation and debris
• Can be used after major or minor radiosurgical procedures
• Easily applied

Frigi-Dent™ - Thermal Pulp Tester
Cat. No. EFD140A
One Canister—280 gram with 10 plastic straw applicators

Indication
• Pulp testing
• Topical anesthesia
• Hardening wax bites
• Incision and drainage (I & D)

Advantages
• Extremely cold (-54°C)
• Non-flammable
• Tasteless
• Odorless
• Indefinite shelf-life
• Direct tip applicator
• Ozone safe
• Extraction of deciduous teeth without infiltrating
• Relaxing muscle during trismus

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For more information, visit our website: www.ellman.com
Dental Accessories

Squeez-ettes™ Liquid Dispenser
Cat. No. ESQ127
Pkg. of 100, transparent

Indications
• Pinpoint application of liquids in the mouth

Advantages
• Disposable
• Angled for easy access

Super Squeez-ettes™ Liquid Dispenser
Cat. No. H54
Pkg. of 50, transparent
Cat. No. H54B
Pkg. of 200, transparent

Indications
• Pinpoint application of liquids in the mouth

Advantages
• Disposable
• Angled for easy access
• Holds a larger volume of liquid

Super Dish™ Medicament Tray and Squeez-ett™ Stand
Cat. No. ESD230
Pkg. of four (Squeez-ettes™ not included)

Advantages
• Holds Squeez-ettes™ and Super Squeez-ettes™
• Four different size wells for liquids
• Autoclavable
• Separate multiple liquids for any procedure
NuBond™ Post Kit  
Cat. No. EP0165  
Contains 36 stainless steel knurled, tapered posts (sizes #1-6), reamers (sizes #1-6), 1 screw driver for self-limiting reamer collars

NuBond™ Posts - 6 pcs (see chart below) stainless steel, available in sizes #1-6 (specify size) - Cat. No. EP0161-6

NuBond™ Posts - Bulk Package 100 pcs available in sizes #1-6 (specify size) - Cat. No. EP01681-6

Reamers - Tapered, self-limiting, available in sizes #1-6 (specify size) one each - Cat. No. EP01661-6

Indications  
• Supports full crown on endodontically broken teeth  
• Supports composite resin restorations  
• Supports amalgam or composite cores  
• Stabilizes existing cast restoration after endodontic treatment

Advantages  
• Cement-in system reduces root stress  
• Self-limiting reamer prevents perforations  
• Tapered posts and reamers prevent root fractures  
• Precision knurls for superior retention  
• Longer posts can be used due to decreased diameter in apical section  
• Non-cutting “safe-end” tip on reamer  
• Posts can be pre-bent coronally without losing strength

<table>
<thead>
<tr>
<th>NuBond™ Posts Description / Cat No</th>
<th>Head Diameter mm</th>
<th>Tapered Tip Diameter mm</th>
<th>Length mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 White/EPO1671</td>
<td>1.27</td>
<td>0.08</td>
<td>19.43</td>
</tr>
<tr>
<td>#2 Yellow/EPO1672</td>
<td>1.48</td>
<td>1.02</td>
<td>19.43</td>
</tr>
<tr>
<td>#3 Red/EPO1673</td>
<td>1.67</td>
<td>1.22</td>
<td>19.43</td>
</tr>
<tr>
<td>#4 Blue/EPO1674</td>
<td>1.88</td>
<td>1.42</td>
<td>19.43</td>
</tr>
<tr>
<td>#5 Green/EPO1675</td>
<td>2.08</td>
<td>1.63</td>
<td>19.43</td>
</tr>
<tr>
<td>#6 Black/EPO1676</td>
<td>2.28</td>
<td>1.83</td>
<td>19.43</td>
</tr>
</tbody>
</table>

Self-limiting collar set to predetermine depth of cut
Glass Fibre Post Kit
Cat. No. EGF200
Contains 6 pcs each of the 4 Glass Fibre Posts sizes (#1-4), 4 Reamers (#1-4) and one screw driver for self limiting reamer collars

Glass Fibre Posts- 6pcs each available in sizes #1-4 (specify size) - Cat. No. EGF201-4

Reamers- tapered, self limiting, one each, available in sizes #1-4 (specify size) - Cat. No. EPO 1661-6

Indications
- Supports full crown on endodontically broken teeth
- Supports composite resin restorations
- Supports amalgam or composite cores
- Stabilizes existing cast restorations after endodontic treatment

Advantages
- Cement-in system reduces root stress
- Self-limiting reamers prevent perforations
- Tapered posts and reamers prevent root fractures
- Easily removed and easily trimmed
- Biocompatible
- Elasticity similar to dentin
- Longitudinal fibre structure
- Absence of oxidation and corrosion

<table>
<thead>
<tr>
<th>Glass Fibre Posts Description / Cat No</th>
<th>Head Diameter mm</th>
<th>Tapered Tip Diameter mm</th>
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</tr>
</thead>
<tbody>
<tr>
<td>#1 White/EGF201</td>
<td>1.27</td>
<td>0.08</td>
<td>19.43</td>
</tr>
<tr>
<td>#2 Yellow/EGF202</td>
<td>1.48</td>
<td>1.02</td>
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<td>19.43</td>
</tr>
</tbody>
</table>
Dental Accessories

Press Form™ Kit
Cat. No. EPF172A
50 Plastic Sheets (.020 thickness),
Adjustable Handle, Silicone
Spray (lubricant), Silicone Putty
(compression material)

Press Form™ Kit
Cat. No. EPF172B
50 Plastic Sheets (.030 thickness), Adjustable Handle, Silicone
Spray (lubricant), Silicone Putty (compression material)

Press Form™ Sheets - Cat. No. EPS1762 - pkg. of 100 size .020
Press Form™ Sheets - Cat. No. EPS1763 - pkg. of 100 size .030
Press Form™ Sheets - Cat. No. EPS1774 - pkg. of 15 size .040
Press Form™ Sheets - Cat. No. EPS1776 - pkg. of 15 size .060
Press Form™ Sheets - Cat. No. EPS1778 - pkg. of 15 size .080
Press Form™ Soft Sheets - Cat. No. EPS351 - pkg. of 15 size .040
Press Form™ Soft Sheets - Cat. No. EPS352 - pkg. of 15 size .080
Press Form™ Handle - Cat. No. EPH178
Silicone Putty (compression material) - Cat. No. ECM180
Silicone Spray - Cat. No. EPU179

Indications
• Temporary bridges (.020)
• Custom bleaching trays (.020 or .040 Soft)
• Custom fluoride trays (.020 or .040 Soft)
• Occlusal guards (.060 or .080)
• Surgical stent [template] (.040)
• Tooth preparation (reduction) guide (.020)
• Orthodontic retainer (.030 or .040)
• Coping (.020)
• Splints (all sizes)
• Mouth guard (.080 Soft)
• Bruxism (.080)
• TMJ adjustment (.080)

Advantages
• Superior interproximal definition
• No lab fees
• Cost effective
• Time saving
• A replacement temporary bridge can be made easily & quickly if the patient loses their temporary bridge

Press Form™ TM Kit
Cat. No. EPF172B
50 Plastic Sheets (.030 thickness), Adjustable Handle, Silicone
Spray (lubricant), Silicone Putty (compression material)

Press Form™ Sheets - Cat. No. EPS1762 - pkg. of 100 size .020
Press Form™ Sheets - Cat. No. EPS1763 - pkg. of 100 size .030
Press Form™ Sheets - Cat. No. EPS1774 - pkg. of 15 size .040
Press Form™ Sheets - Cat. No. EPS1776 - pkg. of 15 size .060
Press Form™ Sheets - Cat. No. EPS1778 - pkg. of 15 size .080
Press Form™ Soft Sheets - Cat. No. EPS351 - pkg. of 15 size .040
Press Form™ Soft Sheets - Cat. No. EPS352 - pkg. of 15 size .080
Press Form™ Handle - Cat. No. EPH178
Silicone Putty (compression material) - Cat. No. ECM180
Silicone Spray - Cat. No. EPU179

Indications
• Excellent for any application requiring a hot flame: heating Press Form™ sheets, wax, etc.

Advantages
• Portable and compact
• Delivers temp. up to 3000°F
• Flame adjustment 1/2” to 6”
• Requires no refilling
• Reusable burner top
• Provides 8 hours of use

Non-Clogging Bur
Cat. No. EBU175

Indications
• For chairside trimming of acrylics and thick press form sheets

Advantages
• Non-clogging
• Smooth easy cutting

For orders call ellman® at: (800) 835-5355 • (516) 594-3333 • fax (516) 569-0054
For more information, visit our website: www.ellman.com
Dental Accessories

**Perf-Grid™** Stainless Steel Periodontal Splinting Strips (ten - 3" strips)  
**Cat. No. EPG107**

**Indications**
- Periodontal splinting
- Replacement of a missing anterior tooth
- Repair of broken dentures
- Post-orthodontic fixed retention
- Stabilization of avulsed teeth

**Advantages**
- Adapts easily
- Non-invasive (a reversible procedure)
- Cost effective
- An in-office procedure
- No lab involvement
- Easily cut with scissors
- Edges will not fray
- Extremely strong
- Thin and narrow
- Can be used with pins for extra retention
- Holes allow for light curing techniques

**Splint Mesh™** Stainless Steel Mesh (39" roll)  
**Cat. No. ESG117**

**Indications**
- Anterior periodontal splinting
- Post-orthodontic fixed retention
- Stabilization of avulsed teeth

**Advantages**
- Adapts easily
- Non-invasive (a reversible procedure)
- Cost effective
- An in-office procedure
- No lab involvement
- Easily cut with scissors

**Splint Grid™** Clear Nylon Mesh (39" roll)  
**Cat. No. ESG118**

**Indications**
- Anterior periodontal splinting
- Post-orthodontic retention of anterior teeth
- Stabilization of avulsed teeth
- To strengthen and reinforce temporary bridges
- Retaining diastema closure

**Advantages**
- Adapts easily
- Non-invasive (a reversible procedure)
- Cost effective
- An in-office procedure
- No lab involvement
- Easily cut with scissors
- Can be used with light curing techniques
- Cosmetic (may be used on buccal surfaces of maxillary anterior teeth)

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For more information, visit our website: www.ellman.com
Dental Accessories

Roto-Pro™ Patented Rotosonic Scaler Complete Set (one of each shape)
Cat. No. ERP105

Roto-Pro™ - Regular Tip (6) - Cat. No. ERP101
Roto-Pro™ - Perio Tip (6) - Cat. No. ERP102
Roto-Pro™ - Flame Tip (6) - Cat. No. ERP103
Roto-Pro™ - Round Tip (6) - Cat. No. ERP104

Roto-Pro™ burs are manufactured in four shapes, all having six sides with non-cutting edges. They will not injure soft or hard tissue. When used in a high speed air driven handpiece, they will produce rotary ultrasonics of about 20,000 vibrations per second.

Indications
- Subgingival and supragingival calculus removal
- Remove “flash” from composite and glass ionomer restorations
- Contour bone around gingivectomy and gingival flap sites
- Remove granulation tissue from surgical sites
- Remove overhanging amalgams
- Smooth and refine finishing line for crown preparation
- Remove excess cements
- Remove direct bonded plastic brackets
- Polish composites
- Removal of broken posts, instruments, or silver points from root canal (vibrations pulverize and loosen the cement from post and canal walls and will start to rotate posts out). The Roto-Pro™ Regular is used most for this procedure. The Perio Tip will be more effective if the post is broken far down in the canal
- Remove gutta percha from root canal

Advantages
- Performs rapid scaling
- Good visibility due to air jet lifting tissues
- Smooths root surfaces for gingival reattachment
- Sterilizable
- Produces smoother tooth surface than traditional ultrasonic instruments
- Will not perforate canal
- Saves time

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For more information, visit our website: www.ellman.com
Micro-Etch™
Cat. No. EME134C
2ml screw-fed syringe applicator (clear)
The Micro-Etch™ syringe has a micro screw-fed dispensing system which allows precise placement of 40% phosphoric acid gel upon the tooth enamel

Indication
- Etching enamel for bonding procedures

Advantages
- Gel prevents acid flow into soft tissue and adjacent teeth and allows for precise placement
- Increases bonding success
- Pre-mixed for no waste, no mess, no clean-up
- Metal tip can be autoclaved

SuperGlaze™ Extra Fine Diamond Porcelain Polishing Paste
Cat. No. ESG138
1.25ml screw-fed syringe applicator

Indication
- As a final step to smooth, polish, protect, and restore porcelain, veneer and composite surfaces

Advantages
- Safe, clean & easy to use
- Eliminates need to return crown or bridge to lab for another glaze
- Convenient syringe applicator
- Excellent cosmetic results

Hypo-Cal®
Cat. No. EHC136
2.5ml screw-fed syringe 98% calcium hydroxide with a pH of 12 (contains barium sulfate)

Hypo-Cal® Metal Tips (pkg. of 4)
Cat. No. EHC136B

Indications
- Cavity liner
- Indirect pulp capping
- Pulpotomy

Advantages
- Pre-mixed for no waste, no mess, no clean-up
- Radiopaque
- Bacteriostatic and bacteriocidal
- Pinpoint application with needle tip
- Needle tip applicator can be bent for easy access
- Chemical protection of pulp against acids
- Physical protection by sealing dentinal tubes against invading organisms and thermal stimulants
- Biological protection by stimulating the formation of secondary dentin
- Compatible with bonding materials
- Thin film that will not interfere with the seating of crowns
- Metal tip can be autoclaved

Micro-Etch™ Plastic Tips (pkg. of 4)
Cat. No. EME134A

Micro-Etch™ Metal Tips (pkg. of 4)
Cat. No. EME134B
Dental Accessories

Citric-Etch™
2ml screw-fed syringe applicator filled with citric acid gel in a 30% solution with a pH of 1
Cat. No. ECE135

Indication
• Etching for dentin and cementum
• Demineralization of root surfaces to enhance gingival reattachment after flap surgery
• Detoxifying and cleaning implants during re-entry of tissue to repair defect
• Cavity cleanser to produce sharp, well defined surface

Advantages
• Gel prevents acid flow into soft tissue or adjacent teeth and allows for precise placement
• Increases bonding success
• Pre-mixed for no waste, no mess, no clean-up
• Colored orange for easy identification
• Will not cause damage to the pulp
• Metal tips can be autoclaved

Citric-Etch™ Plastic Tips (pkg. of 4)
Cat. No. ECE135A

Citric-Etch™ Metal Tips (pkg. of 4)
Cat. No. ECE135B

Root-Cal™
Calcium hydroxide delivery system
2ml screw-fed syringe applicator filled with 98% calcium hydroxide with a pH of 12 (contains barium sulfate)
Cat. No. ERC137

Root-Cal™ Metal Tips (pkg. of 4)
Cat. No. ERC137A

Indication
• Apexification
• Hard tissue repair including: perforation and root fractures
• Antibacterial dressing in non-vital teeth
• Prevention of internal root resorption
• Prevention of inflammatory apical resorption following trauma
• Endodontic treatment of re-implanted avulsed teeth

Advantages
• Pre-mixed for no waste, no mess, no clean-up
• Radiopaque
• Bacteriostatic and bacteriocidal
• Pinpoint application by placing needle tip into orifice of canal
• Needle tip applicator can be bent for easy access
• Does not harden in canal
• Easily removed from canal
• Eliminates hazardous formocresol
• Metal tip can be autoclaved

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Radiosurgery®
Overview

- Ellman radiowave technology produces one-third the lateral thermal damage as compared to conventional electrosurgery.
- Ellman radiowave technology produces one-half to one-third of the lateral thermal damage versus most lasers.

4.0 MHz minimizes Lateral Thermal Spread and maximizes Precision

**FULLY FILTERED (Cut)**
Micro-smooth cutting • Negligible lateral heat • Minimal cellular destruction
Ideal for skin incision and biopsy • Best cosmetic results • Fastest healing

**FULLY RECTIFIED (Cut/Coag)**
Cutting with hemostasis • Ideal for subcutaneous tissue dissection and planing
Especially useful in vascular areas while producing minimal amounts of lateral heat and tissue damage

**PARTIALLY RECTIFIED (Hemo)**
Coagulation/Shrinkage • Ideal for hemostasis with controlled penetration
For cutting with maximum hemostatic control

**FULGURATION**
Maximum penetration and hemostasis • Ideal for intentional tissue destruction

**BIPOLAR**
Pinpoint, micro-coagulation • Minimal charring or tissue necrosis
Ideal for coagulation in and around critical anatomy

Five Distinct Waveforms for Optimal Clinical Outcomes


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Introducing Pellevé™

Elegance through science.

Pellevé™ is a revolutionary innovation in non-invasive skin tightening for the treatment of mild to moderate facial wrinkles. With Pellevé™, you can help your patients look and feel refreshed—naturally.

Pellevé precisely delivers energy to the dermal tissue using advanced radiowave technology to induce collagen contraction without damaging the epidermis. The result is noticeable improvement in skin quality and appearance with minimal downtime for your patients.

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- Pellevé™ probes for skin tightening
- Electrodes and accessories for most specialties
- Ideal for office and clinic environments

Elegant results… Endless possibilities.