ViscoStat® Clear
Gingival Hemostatic Gel
30g (m/m) Aluminum Chloride

For professional use only.
Contains no epinephrine.

30ml Indispensable

Tissue Management

ViscoStat ViscoStat Wintermint ViscoStat Clear Astringedent Astringedent X
Astringedent Spot Remover Ultrapak Ultrapak E Ultrapak Packers Slide Packers
Hemostasis and Fluid Control

Tissue Management is the key to quality direct and indirect restorations.

Unparalleled tissue management starts with rapid, profound hemostasis. To control bleeding and sulcular fluid, no one offers a more complete line of solutions.

Ultrapak Knitted Cord

Complete, successful tissue management requires absorbent, Ultrapak Knitted Cord for effective gingival displacement. Twisted and braided cords can’t offer ease of packability and tissue displacement comparable to Ultrapak. It’s made of 100% cotton that’s knitted to form an interlocking chain of thousands of tiny loops, making it easy to pack below the gingival margin.

Dento-Infusor Tips are essential for profound hemostasis

Using the correct tip is essential to achieving profound, dependable hemostasis and sulcular fluid control. Hemostatic agents are only as good as how they’re delivered. Dento-Infusor tips infuse hemostatic agents into bleeding capillaries. The padded brush end rubs the agent into capillaries and wipes coagulum away. The result is a clean, dry preparation ready for impressions.

Metal Dento-Infusor® tips: The disposable 19 gauge metal tip has a plastic hub and padded end; it is designed to infuse bleeding tissues with hemostatic solutions.

Blue Mini® tips: Most dentists prefer the versatility and thinness of the Metal Dento-Infusor tip, however, the plastic tips are tips of choice by many clinicians for sulcular fluid control with ViscoStat.

Predictable Quality

Contra lateral molars removed for maxilofacial surgery. Crowns fabricated by same technician. Different dentists made impressions.

Dentin smear plugs intact even after 10 minutes exposure time with ViscoStat.

Knitted Ultrapak cord (lower) is more absorbent, and stays placed better than any twisted or braided cord.

Ultrapak compresses upon packing, then expands for tissue displacement.

For preparation packing, cord does not entangle in diamond bur. Bright colors facilitate easy location and removal.

Ultrapak, soaked with ViscoStat, controls fluid for near gingival and sub-gingival preparations.

The unique shape and brush end of Ultradent Dento-Infusor tips are optimal for delivering hemostatic agents into cut tissue.

The tip infuses the hemostatic agent into capillaries, forming a cork-like “plug,” then wipes coagulum away.

Clinician must be in control before starting any direct bonding procedure.

Profound hemostasis is achieved and preparation is ready for restoration or rubber dam placement.

Unparalleled tissue management starts with rapid, profound hemostasis. To control bleeding and sulcular fluid, no one offers a more complete line of solutions.

TISSUE MANAGEMENT

www.ultradent.com
800.552.5512
ViscoStat®
20% FERRIC SULFATE

• Stops bleeding in seconds, saves chair time
• Unsurpassed kindness to hard and soft tissue

Shelf Life: 48 months.

• Eliminates sulcular fluid contamination for optimal bonding
• Decreases costly impression remakes

#649 - ViscoStat Tissue Management Kit
1 - 30ml IndiSpense syringe
1 - Each #00, 0, 1 & 2
1 - Fischer’s Ultrapak Packer
1 - Ultrapak cord organizer
20 - Metal Dento-Infusor tips
20 - 1.2ml empty syringes

#646 - ViscoStat Tissue Management Basic Kit
1 - 30ml IndiSpense syringe
1 - Each #0 & 1 Ultrapak cord
1 - Ultrapak cord organizer
40 - Metal Dento-Infusor tips
20 - 1.2ml empty syringes

#647 - ViscoStat Dento-Infusor Kit
1 - 30ml IndiSpense syringe
20 - Metal Dento-Infusor tips
20 - 1.2ml empty syringes

#3093 - ViscoStat Dento-Infusor 4pk Kit
4 - 1.2ml syringes
20 - Metal Dento-Infusor tips

#645 - ViscoStat 30ml IndiSpense

#3070 - ViscoStat 1.2ml Syringes 20pk

#6401 - Wintermint Tissue Management Kit
1 - 30ml IndiSpense syringe
1 - Each #00, 0, 1 & 2
1 - Fischer’s Ultrapak Packer
1 - Ultrapak cord organizer
20 - Metal Dento-Infusor tips
20 - 1.2ml empty syringes

#6402 - Wintermint Tissue Management Basic Kit
1 - 30ml IndiSpense syringe
1 - Each #0 & 1 Ultrapak cord
1 - Ultrapak cord organizer
40 - Metal Dento-Infusor tips
20 - 1.2ml empty syringes

#6403 - Wintermint Dento-Infusor Kit
1 - 30ml IndiSpense syringe
20 - Metal Dento-Infusor tips
20 - 1.2ml empty syringes

#6404 - Wintermint Dento-Infusor 4pk Kit
4 - 1.2ml syringes
20 - Metal Dento-Infusor tips

#643 - Wintermint 30ml IndiSpense

#6405 - Wintermint 1.2ml Syringes 20pk

Shelf Life: 24 months.

1 Reality Ratings, Volume 20, 2006, pg 599.
ViscoStat® Clear
25% ALUMINUM CHLORIDE

• Stops minor bleeding in the esthetic zone
• Transparent gel leaves no residue and rinses off with ease
• Convenient direct delivery eliminates waste
• No-drip gel is viscous yet spreadable

ViscoStat Clear is a viscous 25% aluminum chloride hemostatic gel that is recommended for anterior restorations because it eliminates minor bleeding without any residue.

Astringedent®
15.5% FERRIC SULFATE

• The “Classic”
• “Highly recommended as effective and easy to use for control of bleeding, tissue management, and pulpotomies. Rating +++++”
• Eliminates sulcular fluid contaminants for optimal bonding

An aqueous, 15.5% ferric sulfate hemostatic solution that is more tissue kind than ferric subsulfate solutions. Highly recommended as being effective and easy to use for control of bleeding, sulcular fluid control and vital pulpotomies.

2. Ultrapak cord is pressed into gel in sulcus around tooth preparation. Leave 4-5 minutes.
4. Final rinse, dry, and make impression. Repeat above steps, if needed.

Shelf Life: 18 months.

Listed as a “CAN’T LIVE WITHOUT” product by a prominent independent research institute.¹

As a rule, the Metal Dento-Infusor device is the tip of choice for use with ViscoStat and Astringedent. ViscoStat is a more viscous solution, hence flow through the plastic infusor is minimal. For sulcular fluid control, a tiny amount of ViscoStat is all that is required. The softer tip end of the plastic infusors can be a positive for newly healed epithelium realized at the time of bonding subgingival definitive restorations. Absolute tissue fluid control is mandatory for bonding and resin luting.

See Delivery section for reordering of individual tips and syringes.

Astringedent® X
12.7% IRON SOLUTION

Astringedent X is an aqueous 12.7% iron solution containing equivalent ferric sulfate and ferric subsulfate for difficult-to-stop, problem bleeding. Not as tissue kind as our other hemostatic agents, yet less acidic than competitive iron subsulfate solutions.

![Astringedent X Image]

Astringedent X and the Dento-Infusor facilitates profound hemostasis even with the most challenging cases.

FOR DIFFICULT BLEEDING!

#690 - Astringedent X 30ml IndiSpense
#112 - Astringedent X 30ml Bottle

Shelf Life: 48 months.

Astringedent® Spot Remover
CLEANING SOLUTION

Designed to remove ViscoStat, Astringedent, and Astringedent X stains that will not come out of clothing with soap and water. Also use for removing perspiration stains from garments. Not for intraoral use.

![Astringedent Spot Remover Image]

#2160 - Astringedent Spot Remover 30ml Bottle

Shelf Life: 48 months.

Astringedent® & Ultrapak® E
PLAIN & EPINEPHRINE IMPREGNATED KNITTED DISPLACEMENT CORDS

The Ultrapak cord is made of 100% cotton, knitted into thousands of tiny loops forming long interlocking chains. Ultrapak E is impregnated with racemic epinephrine hydrochloride.

The unique knitted design exerts a gentle continuous outward force following placement as knitted loops seek to open. Ultrapak cord is designed to enhance the ViscoStat/Astringedent and Dento-Infusor Tissue Management Technique; however, conventional techniques using alum, aluminum chloride, etc., are also enhanced when using Ultrapak plain knitted cords, since they carry significantly greater quantities of hemostatic solution than conventional cords.

![Ultrapak Image]

For preparation packing, cord doesn’t entangle in diamond bur and bright colors facilitate easy location and removal.

Ultrapak, soaked with ViscoStat, controls fluid for near gingival and sub-gingival preparations.

#130 - Ultrapak Kit (8ft/244cm of cord in each bottle)
1 - #00 Cord
1 - #0 Cord
1 - #1 Cord
1 - #2 Cord
1 - Ultrapak Cord organizer

Listed as a “CAN’T LIVE WITHOUT” product by a prominent independent research institute.

CLEANING SOLUTION
12.7% IRON SOLUTION
Pre-Preparation Packing Technique

Prepack—Open proximal contacts and place Ultrapak knitted cord soaked in hemostatic solution. Because Ultrapak compresses upon packing, use a cord size that appears too large. The thin Ultrapak Packer quickly slips it into position. The knitted cord’s unique design (interlocking loops) facilitates easy packing and locks it into place.

Preparation—Extend margin subgingivally by cutting pathway into knitted cord. A unique attribute of this cord is that it doesn’t entangle in the diamond bur. Remove remnant of cord with calcium hydroxide applicator (tiny ball end). Bleeding is minimal. A small portion of uncut tooth above the gingival attachment is preserved to record in the impression.

Hemostasis & Impression—Rub the Dento-infuser tip against bleeding tissue as solution is slowly expressed. Rinse with a firm air/water spray to clean and to check for complete hemostasis. If bleeding is noted, repeat these steps. If additional retraction is required, repack with appropriate size cord. Air dry and make impression.

To ensure cord retention during preparation, use a cord large enough to firmly compress into sulcus.

Note: Do not use Ultrapak E or other epinephrine preparations with ferric sulfate solutions; including ViscoStat, Astringent (X) as blue/black precipitate will occur.

- Substitute for black silk suture as lower cord in the “two-cord” technique
- Anterior teeth
- Double packing

#137 - Ultrapak Cord #000

- Preparing and cementing veneers
- Restorative procedures dealing with thin, friable tissues

#136 - Ultrapak Cord #00

- Lowerantlers
- When luting near gingival and subgingival veneers
- Class III, IV, and V restorations
- Second cord for “two-cord” technique

#131 - Ultrapak Cord #0

- Areas that have fairly thick gingival tissues where a significant amount of force is required
- Upper cord for those desiring the “two-cord” technique

#134 - Ultrapak Cord #3

ULTRAPAK E NOT AVAILABLE IN ALL COUNTRIES

- Non-impregnated #1 and #2 sizes are particularly effective for tissue control and/or displacement when soaked in coagulative hemostatic solution prior to and/or after crown preparations
- Use as a protective “pre-preparation” cord on anterions

#132 - Ultrapak Cord #1

#199 - Ultrapak Cord #1 with Epinephrine

Cord color: dark blue and light blue 0.4 +/- 0.2 mg racemic epinephrine hydrochloride per inch of cord.

#133 - Ultrapak Cord #2

#200 - Ultrapak Cord #2 with Epinephrine

Cord color: green and light blue 0.4 +/- 0.2 mg racemic epinephrine hydrochloride per inch of cord.

Each bottle contains 8ft/244cm of Ultrapak cord.


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Fischer’s Ultrapak Packers
THIN SERRATED INSTRUMENTS

These specially designed packers enhance the ease and completeness of packing Ultrapak knitted cord. The thin edges sink into the knitted cord and the fine serrations keep it from slipping off and cutting the gingival attachment.

45° to handle. Our most popular packers; heads at 45° to the handle with three packing sides. Circular packing of the prep is completed without the need to flip the instrument end for end. Use the small packer on lower anteriors and upper lateral incisors.

90° & parallel to handle. Same size and three sided heads as “regular” and “small” above, except one of the heads is in line with the shank and the other at a right angle to the shank.

#170 - Regular Packer (45° to handle)
#171 - Small Packer (45° to handle)
#172 - Regular Packer (90°/parallel to handle)
#174 - Small Packer (90°/parallel to handle)

Ultradent Slide Packers
THIN CIRCULAR NON-SERRATED INSTRUMENTS

These thin, non-serrated slide packers are designed to place and compress cord with a sliding action as the clinician circles the prep. The thin head sinks into the cord. The smooth, circular head allows placement of cord in a sliding motion around the preparation without lifting the instrument from the cord. The 45° angle minimizes the need to flip the instrument end for end.

#833 - Regular Packer
#834 - Small Packer
Tissue Management for Impression Making

An “astringent” is a substance which eliminates permeability of epithelium to tissue fluid flow. The result is a dry field! An important tissue management solution for 21st century adhesive technology!

Tissue Management for Direct Bonding

1. Several Class V restorations were performed on these anterior teeth two months prior. Inadequate tissue management or inadequate removal of hemostatic and/or blood contaminants have resulted in microleakage on maxillary right central incisor.

2. With microleakage, blood pigments move into the space between preparation and restoration. Pigments in the blood stain the interface.

3. First isolate tissues with Ultrapak cord soaked in hemostatic solution. Then firmly air/water spray/rinse excess hemostatic from the cord, tissues, and tooth surfaces to prevent contamination and resultant leakage.

4. Replaced Class V restoration three months post-op.

Indirect Veneer

1. Packing Ultrapak quickly displaces tissues and improves access for indirect veneer luting. (Note tissue management for bonded luting on next page.)

2. Successful bonded restoration. Two weeks post-op.
Tissue Management for Indirect Bonding (Luting)

1. Notice well-healed tissue two weeks post-op.

2. Sulcular fluids contaminate bonding materials/preparation when not controlled.


4. Hemostatic agent and residual temporary cement are scoured off with Consepsis Scrub preparing the site for application of any dentin bonding agent, including self-etching systems.

5. Wash, dry and tissue stays dry.

6. Preparation ready for final cementation.

Expanded Applications

Deciduous Vital Pulpotomies with Astringedent or Regular ViscoStat

1. Control Bleeding. Use Dento-Infusor tip with ViscoStat or Astringedent.¹ ² ³ ⁴

2. A Sustained Antimicrobial*. Apply a thin layer of ZOE mixed to a putty.

3. Eugenol Barrier*. Apply a thin layer of Ultra-Blend plus, since eugenol inhibits most resin polymerization.


5. Bond. Apply PQ1 dentin bonding agent.

6. Restore. Use flowable and/or paste composite as desired.

Remove all hemostatic and extraneous coagulum prior to placement of the thin layer of ZOE. Excavate extraneous coagulum out, if needed, prior to delivering a firm air/water wash to avoid internal resorption.

Note: Perfect sulcular fluid control is mandatory if bonding and luting is adjacent to gingival sulcus.¹

