

Miltex[®]
Redefining Excellence



INSTRUMENTS FOR DENTAL IMPLANTS

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Miltex Inc., Instruments for dental implants are made of high quality stainless steel. Our line of instruments include, but is not limited to, the following products:

BONE GRAFTING INSTRUMENTS

- Bone Curettes (SPRATT) – designed for harvesting bone
- Bone Grinder – used in conjunction with a mallet to grind bone into appropriate particle sizes
- Bone Basin – weighted bottom design prevents tipping or spilling while mixing bone or other bone grafting materials
- Bone Compactors – feature serrated tips for compacting bone

SCALPELS & BIOPSY PUNCHES

- Scalpels – offers convenience of a disposable with razor sharp cutting edge for superior cutting
- Biopsy Punches – designed at a steeper angle to ensure a finely honed, sharper edge

BONE SPREADING CHISELS

- Freer Chisels – double or single cut tips used for widening ridges during implant preparations
- Graduated Chisels – feature reference markings for measurement during a bone ridge augmentation and are available in straight and curved patterns

OSTEOTOMES

- Concave Osteotomes – break the floor of the maxillary sinus through the implant cavity and are available in curved (off set) and straight (with or without stops)
- Convex Osteotomes – raise the floor of the maxillary sinus and are available in curved (off set) and straight patterns (with or without stops)
- Progressive Osteotomes – designed to prepare the implant site in the maxillary area where bone density is 3 or 4
- Bone Spreading Osteotomes – sharp or blunt configurations for progressive circumferential expansion of the implant site

SINUS LIFT INSTRUMENTS

- Sinus Lift Curettes and Elevators – lightweight, wide diameter stainless steel hand instruments lift the sinus membrane for bone augmentation procedures

GAUGES & CALIPERS

- Gauges & Calipers – various measuring devices available to determine appropriate length, width, and distance for implant procedures

COLLAGEN PRODUCTS

- Collagen wound dressing product offering includes HeliCote®, HeliPlug® and HeliTape® products.

STERILIZATION TRAYS

- Sterilization Trays – designed to protect and store instruments during sterilization, transportation and storage

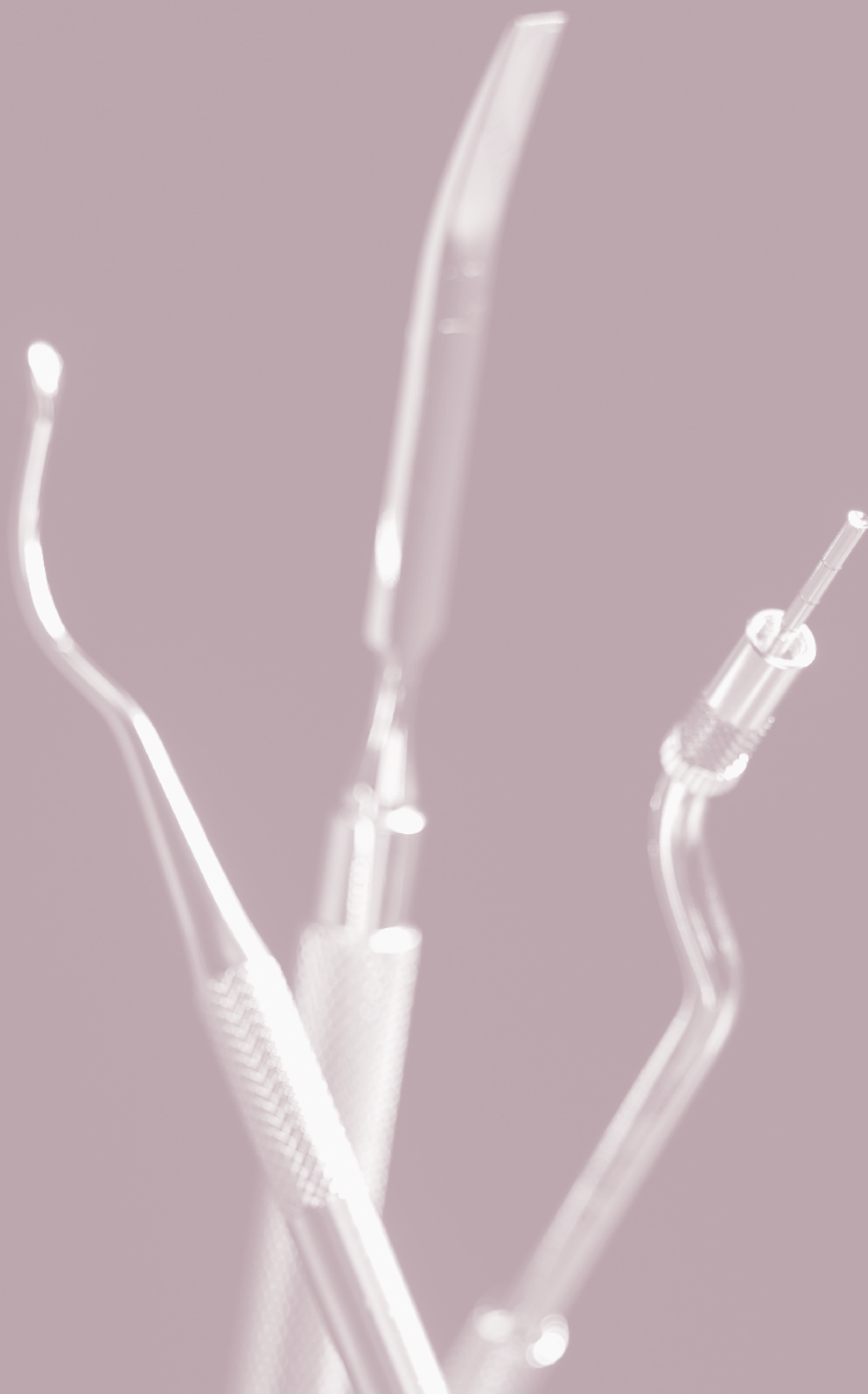


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SCALPEL HANDLES

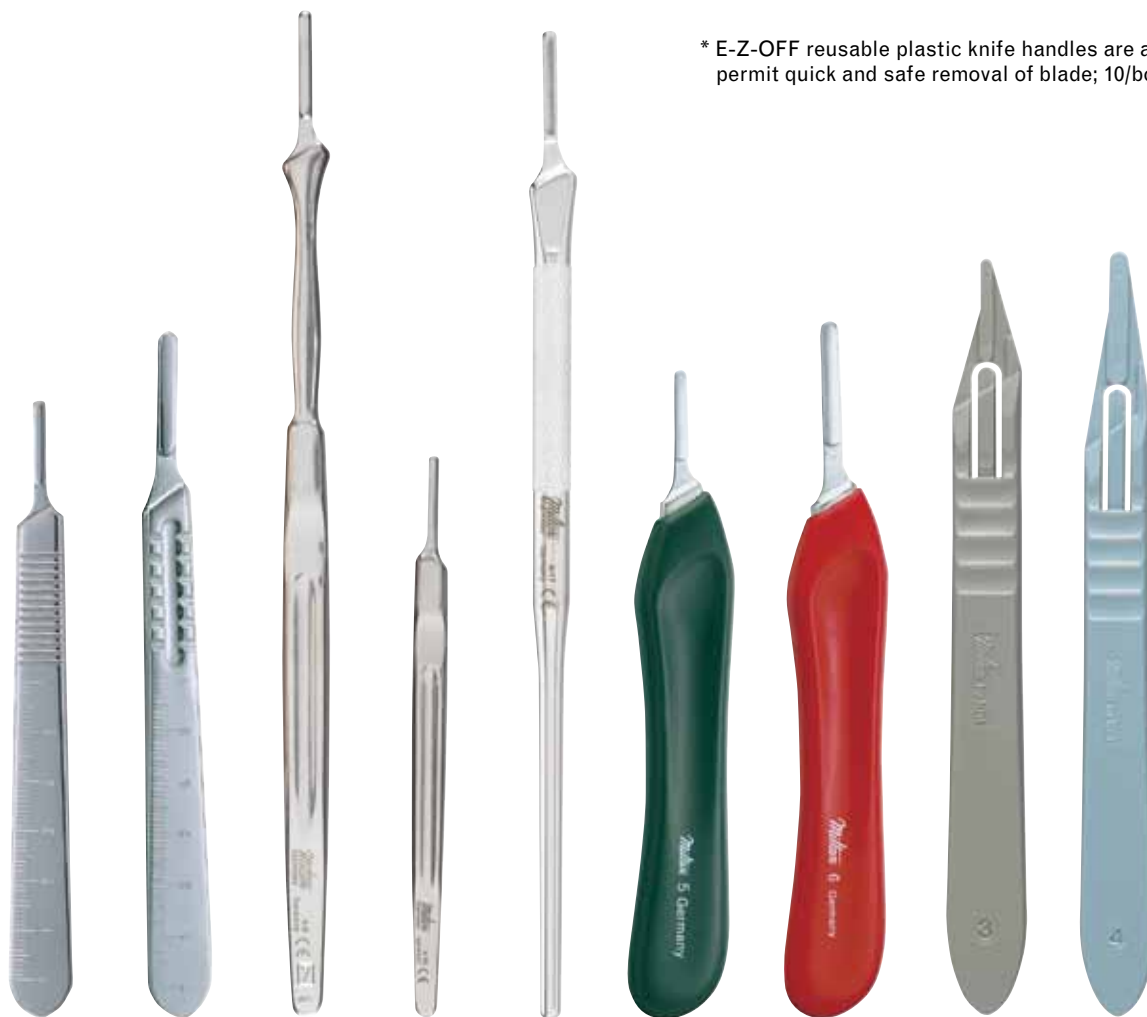
For your convenience, Miltex, Inc., offers a wide array of scalpel blade handles. Miltex® Blade Safe Remover aids in the safe removal of blades and helps protect against accidental cuts and punctures.



4-100

REF	Description	For Blades 10-15C	For Blades 20-25
4-7	No. 3, Stainless Steel 5" graduated in mm and cm	x	
4-7R	No. 3, Nickel 5" graduated in mm and cm	x	
4-8	No. 4, Stainless Steel 5.375" graduated in mm and cm		x
4-8R	No. 4, Nickel 5.375" graduated in mm and cm		x
4-9	No. 7, Stainless Steel 6.5"	x	
4-16	No. 9, Stainless Steel 4.5"	x	
4-17	SIEGEL, Stainless Steel, round handle, 6"	x	
4-18	No. 5, plastic handle with stainless tip 5", green	x	
4-20	No. 6, plastic handle with stainless tip 5.25", red		x
4-30*	No. 3, E-Z-Off Reusable Plastic Surgical Knife Handles, 5.5", gray	x	
4-31*	No. 4, E-Z-Off Reusable Plastic Surgical Knife Handles, 5.5", blue		x
4-100	Blade-Safe Surgical Blade Remover		

* E-Z-OFF reusable plastic knife handles are autoclavable and permit quick and safe removal of blade; 10/box



4-7
4-7R

4-8
4-8R

4-9

4-16

4-17

4-18

4-20

4-30

4-31

STERILE DISPOSABLE SURGICAL BLADES

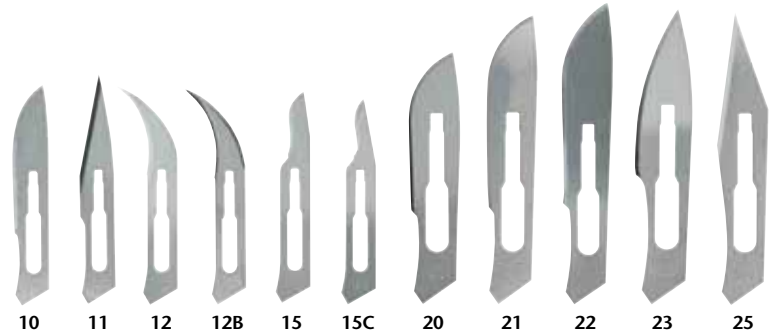
Carbon Steel (CS) or Stainless Steel (SS)

- Razor-sharp cutting edges for superior cutting and clean incisions
- Sterile, 5-year shelf life
- Individually packaged in foil peel packs
- Convenience of disposables, single-use
- Sizes clearly marked on each blade
- Each box contains 100 blades

CS REF	SS REF	Size
4-110	4-310	10
4-111	4-311	11
4-112	4-312	12
4-112B	4-312B	12B*
4-115	4-315	15
4-115C	4-315C	15C**
4-120	4-320	20
4-121	4-321	21
4-122	4-322	22
4-123	4-323	23
4-125	4-325	25

* Double-edged blade

** Angled blade



FACT:

Carbon steel surgical blades are sharper than stainless steel surgical blades but may dull more quickly.

STERILE DISPOSABLE SCALPELS

- Razor-sharp cutting edges for superior cutting and clean incisions
- Safety sleeve for blade protects you and the blade
- Sterile, 5-year shelf life
- Individually packaged in sealed peel-apart pouches
- Convenience of disposables, single-use
- Sizes clearly marked on each blade
- Each dispenser box contains 10 scalpels

REF	Size
4-410	10
4-411	11
4-412	12
4-415	15
4-420	20
4-421	21
4-422	22
4-423	23



STERILE DISPOSABLE SAFETY SCALPELS

- Complies with OSHA directive for the Needlestick Safety & Prevention Act
- Stainless steel, razor-sharp cutting edge for superior cutting and clean incisions
- Pre-assembled, fully retractable scalpel blade is user activated
- Sterile, 5-year shelf life
- Individually packaged in sealed peel-apart pouches
- Convenience of disposables, single-use
- Metric ruler on each scalpel to assist in determining incision length
- Sizes clearly marked on each scalpel blade
- Each dispenser box contains 10 safety scalpels
- Six sizes available

REF	Size
4-510	10
4-511	11
4-512	12
4-515	15
4-515C	15C
4-522	22



4-510



4-511



4-512



4-515



4-515C



4-522

STERILE DISPOSABLE BIOPSY PUNCHES

- Seamless, stainless steel, razor-sharp cutting edge
- Ribbed handle provides better comfort and control
- Sterile, 5-year shelf life
- Individually packaged in color-coded blister packs
- Convenience of disposables, single-use
- Sizes clearly marked on handle of each punch

REF	Size	Quantity
33-31AA	1.0 mm	50/box
33-31A	1.5 mm	50/box
33-31	2.0 mm	50/box
33-31B	2.5 mm	50/box
33-32	3.0 mm	50/box
33-33	3.5 mm	50/box
33-34	4.0 mm	50/box
33-35	5.0 mm	50/box
33-36	6.0 mm	50/box
33-37	8.0 mm	50/box
33-38	Assorted sizes, 10 each of 2.0 mm, 3.0 mm, 4.0 mm, 5.0 mm, 6.0 mm	



33-31AA



33-31A



33-31



33-31B



33-32



33-33



33-34



33-35



33-36



33-37



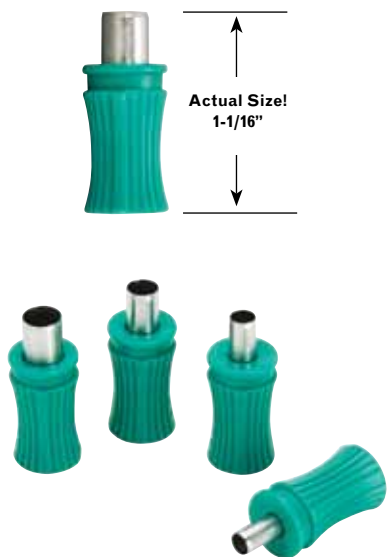
STERILE DISPOSABLE BIOPSY PUNCHES WITH PLUNGERS



- Effortless ejection of lodged specimens
- Same features as standard sterile disposable biopsy punches
- Color-coded by size – 5 sizes available

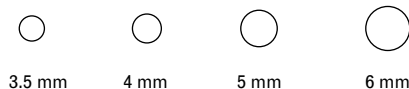
REF	Size	Quantity
33-31AA-P/25	1.0 mm w/plunger	25/box
33-31A-P/25	1.5 mm w/plunger	25/box
33-31-P/25	2.0 mm w/plunger	25/box
33-32-P/25	3.0 mm w/plunger	25/box
33-34-P/25	4.0 mm w/plunger	25/box

SHORT HANDLED BIOPSY PUNCH



- Same razor-sharp blade as the original Miltex® biopsy punches
- Shortened handle to allow access in hard to reach posterior areas
- Length of the instrument is a mere 1-1/16 inch
- Sterile, individually wrapped packets for easy use
- Available in the four most common sizes: 3.5 mm, 4 mm, 5 mm and 6 mm.

REF	Description	Quantity
33-33-SH	Short Handled Biopsy Punch, 3.5 mm	50/box
33-34-SH	Short Handled Biopsy Punch, 4 mm	50/box
33-35-SH	Short Handled Biopsy Punch, 5 mm	50/box
33-36-SH	Short Handled Biopsy Punch, 6 mm	50/box



DIVIDERS & GAUGES

REF	Description
68-693	Crown Gauge, stainless steel
68-694	BOLEY Gauge, stainless steel
68-695	Spring Bow Divider, 4-1/2" (11.4 cm) radius
68-696	Spring Bow Divider, 6" (15.2 cm) radius
68-697	Micro BOLEY Gauge, stainless steel, measures tooth dimension & interdental space, 0-95 mm measurement



68-697



68-693



68-694



68-695



68-696

CALIPERS

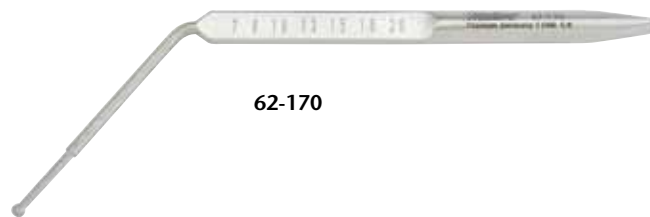
- Used as measuring instruments in preparation for an implant procedure
- Designed to find the depth, width and space between teeth which may be required for various dental procedures

REF	Description
68-698	Ridge Mapping Caliper
68-699	Castroviejo Caliper, 0-40 mm, Short, Angled



GAUGES

REF	Description
62-170	Depth Gauge Ball Tip, marks at 7, 8, 10, 13, 15, 18 and 20 mm
62-171	Implant Depth Gauge, marks at 7, 8, 10, 13, 15, 18 and 20 mm



BONE SPREADERS

- Useful to wedge donor block grafts from the chin and ramus
- 6-1/8" (15.6 cm) overall instrument length

REF	Description
62-30	Tatum "D" Shaped Spreader #1, 3.5 mm widest part of tip (13-16-19 mm markings)
62-31	Tatum "D" Shaped Spreader #2, 4.4 mm widest part of tip (13-16-19 mm markings)
62-32	Tatum "D" Shaped Spreader #3, 5.3 mm widest part of tip (13-16-19 mm markings)
62-33	Tatum "D" Shaped Spreader #4, 8.3 mm widest part of tip (13-16-19 mm markings)



62-30*



62-31*



62-32*



62-33*



Marked at 13, 16 & 19 mm



*Tips shown actual size

BONE BLOCK CLAMP

- Features precision ratchets to securely hold the bone block in place while minimizing the chance of block breakage
- Aperture allows for screws to be placed while holding bone

REF	Description
62-80	Posterior Angled Bone Block Clamp
27-24	Anterior Bone Block Clamp Forceps



62-80

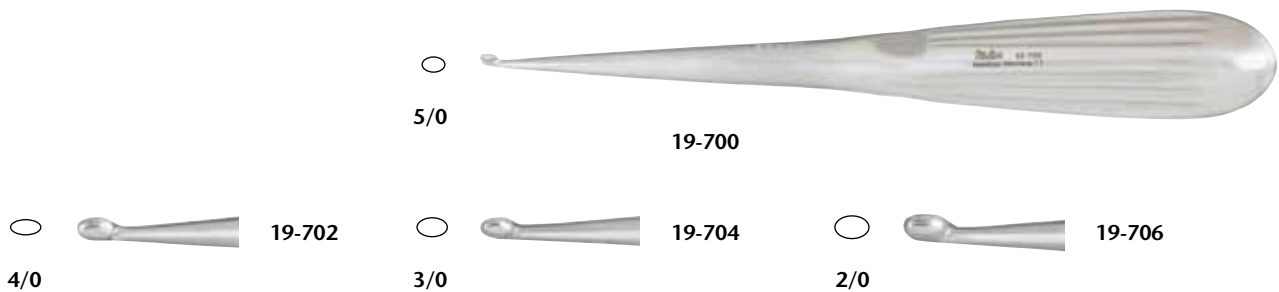


27-24

BONE CURETTES

Miltex® Bone Curettes can be used for harvesting bone

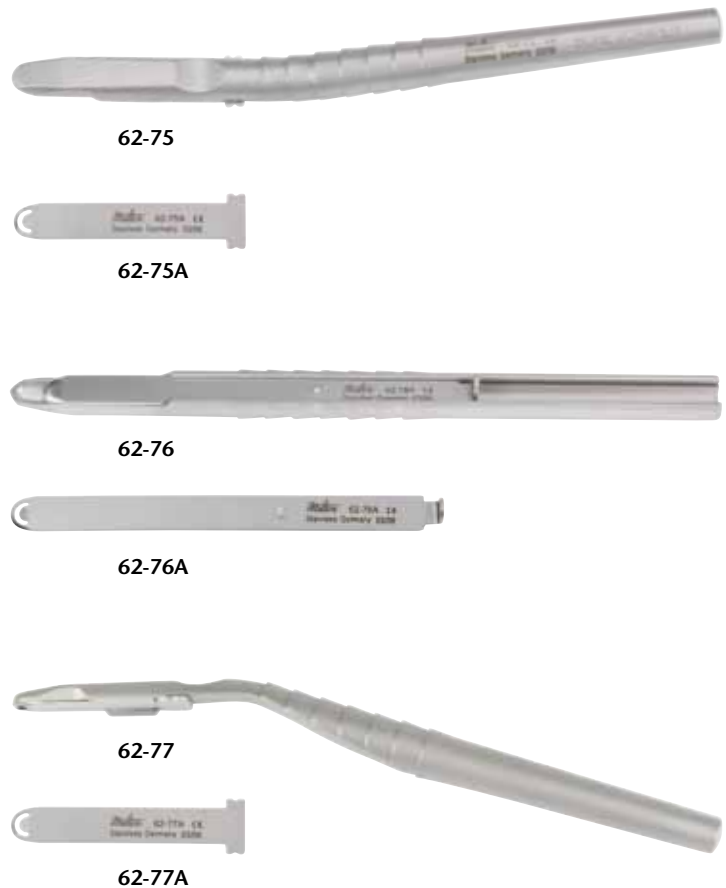
REF	Description
19-700	BRUN (SPRATT) Curette, 6-1/2" (16.5 cm), size 5/0 (2 x 3.5 mm)
19-702	BRUN (SPRATT) Curette, 6-1/2" (16.5 cm), size 4/0 (2.5 x 4 mm)
19-704	BRUN (SPRATT) Curette, 6-1/2" (16.5 cm), size 3/0 (3 x 4.5 mm)
19-706	BRUN (SPRATT) Curette, 6-1/2" (16.5 cm), size 2/0 (3.5 x 5 mm)



BONE HARVESTERS

- Used to shave a thin layer of bone from a donor site
- Harvesters are not used for synthetic or non-bone graft material
- Replacement blades available

REF	Description
62-75	Bone Harvester, 30° Angled "Up" Handle
62-75A	Bone Harvester Replacement Blade for 62-75
62-76	Bone Harvester, Straight Handle
62-76A	Bone Harvester Replacement Blade for 62-76
62-77	Bone Harvester, 30° Angled "Down" Handle
62-77A	Bone Harvester Replacement Blade for 62-77



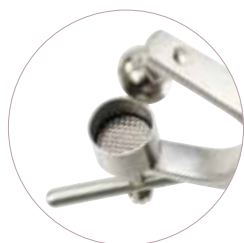
BONE MILLS

- Useful for crushing/grinding larger bone fragments into smaller particles for grafting purposes
- Available in table top and handheld versions.

REF	Description
62-78	Bone Mill - large table top model
62-79	Bone Mill - handheld model



62-78



62-79

BONE GRINDER

- Reduces bone/graft material particle size
 - Made of quality German stainless steel
1. Place harvested bone in well of instrument
 2. Cover bone with top, serrated side down
 3. Use mallet to reduce bone to desired particle size

REF	Description
62-70	Bone Grinder, 2" (5.1 cm) diameter



62-70

MALLETS

REF	Description
19-790	GERZOG Mallet, 7-1/2" (19.7 cm), head 8 oz. (227g) lead filled with stainless jacket
19-793	MILTEX Mallet, 7-1/2" (19.1 cm), lightweight 7.5 oz. (213g), stainless head 1" diameter with 2 replaceable nylon caps
19-795	Nylon Cap Replacement, for nos. 19-793 and 19-794 Mallets
19-796	MEAD Mallet, 7-1/2" (19.1 cm), head 8 oz. (227g), with 2 replaceable nylon caps
19-797	Nylon Cap for no. 19-796 Mallet



19-790



19-793



19-796

BONE BASIN

- Stainless steel deep dish with weighted bottom to prevent tipping
- Holds 20 grams of wetted material
- Autoclavable

REF	Description
62-71	Bone Basin

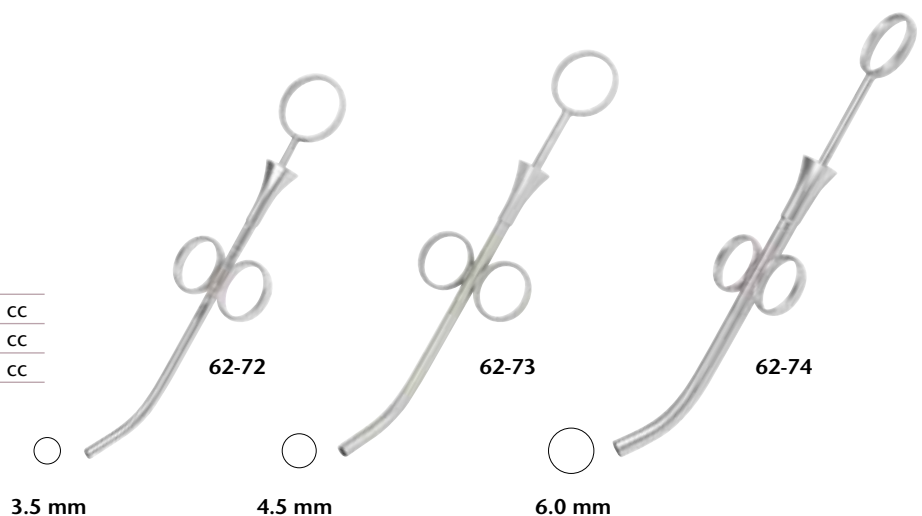


62-71

GRAFT SYRINGES

- Stainless steel syringe designed to load syringe from the tip to reduce clogging
- "Tamp and pack" method for placement of graft material into oral cavity

REF	Description
62-72	3.5 mm Graft Syringe; holds approx. 1.6 cc
62-73	4.5 mm Graft Syringe; holds approx. 2.1 cc
62-74	6.0 mm Graft Syringe; holds approx. 2.8 cc



3.5 mm

4.5 mm

6.0 mm

BONE TAMPERS

Miltex® Bone Tampers feature a serrated tip for compacting bone or graft material

REF	Description
62-62	4 mm Bone Tamper
62-63	7 mm Bone Tamper



62-62



62-63

BONE COMPACTORS

- Packs down graft material
- Features a serrated tip and bent angle to reach difficult areas

REF	Description
62-60	Bone Compactor, 3/4 mm
62-61	Bone Compactor, 6/8 mm



62-60



62-61

GRAFT MATERIAL SPOONS

Miltex® Graft Material Spoons are used for mixing/preparation of graft material for bone augmentation procedures

REF	Description
62-50	Bone Graft Material Spoon
62-51	Graft Material spoon with 3 mm serrated graft packer
62-52	Graft Material spoon with 4 mm serrated graft packer



62-50



62-51



62-52

GRAFT/MEMBRANE FORCEPS

- Designed for precise placement and manipulation of membranes
- Serrated tip available

REF	Description
62-55	Membrane Forceps with Delicate Ring Tip, 10 cm
62-56	Tissue Graft Forceps
62-57	Membrane Placement Instrument
62-58	Membrane Forceps "Smooth Tip"



62-55



62-56



62-57



62-58

GRADUATED CHISELS

- Feature reference graduation marks used to precisely widen ridges
- Available in a straight or curved pattern

REF	Description
62-20	Chisel, Graduated, Straight, 3.8 mm (7-10-13-15-18 mm markings)
62-21	Chisel, Graduated, Curved, 3.8 mm (7-10-13-15-18 mm markings)
62-22	Chisel, Graduated, Straight, 7.5 mm (7-10-13-15-18 mm markings)
62-23	Chisel, Graduated, Curved, 7.5 mm (7-10-13-15-18 mm markings)



FREER CHISELS

- Feature an extremely sharp tip to ease incision and widening of ridges
- Available in a single or double edge configuration

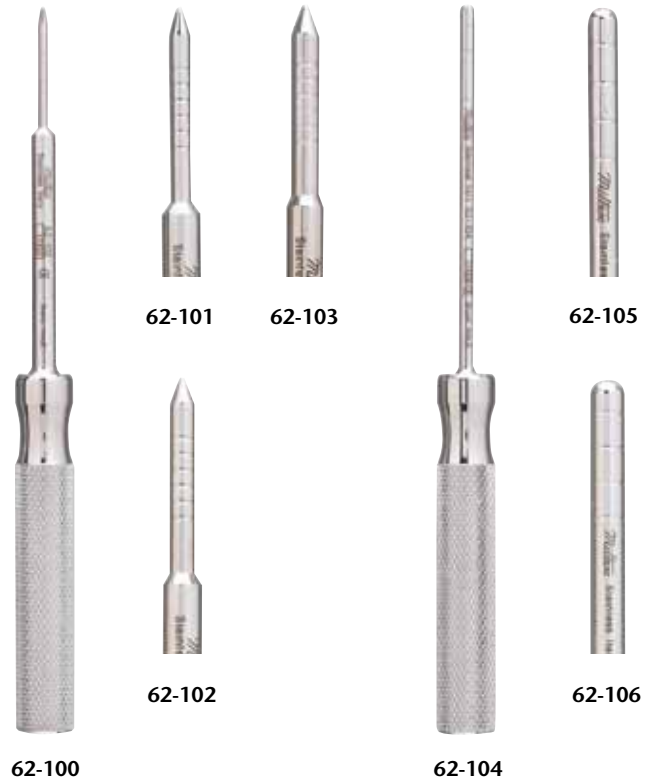
REF	Description
62-40	Chisel, Freer, Single Cut Blade, 2 mm
62-41	Chisel, Freer, Single Cut Blade, 4 mm
62-42	Chisel, Freer, Single Cut Blade, 6 mm
62-43	Chisel, Freer, Double Cut Blade, 2 mm
62-44	Chisel, Freer, Double Cut Blade, 4 mm
62-45	Chisel, Freer, Double Cut Blade, 6 mm



OSTEOTOMES

Miltex® Osteotomes are specially designed for progressive circumferential (circular) expansion of the implant bed in alveolar ridges with reduced thickness.

REF	Description
62-100	Osteotome, Sharp, 2 mm (8-12-18 mm markings)
62-101	Osteotome, Sharp, 2.7 mm (8-12-18 mm markings)
62-102	Osteotome, Sharp, 3.25 mm (8-12-18 mm markings)
62-103	Osteotome, Sharp, 3.8 mm (8-12-18 mm markings)
62-104	Osteotome, Blunt, 3 mm (5-10-15-20 mm markings)
62-105	Osteotome, Blunt, 4 mm (5-10-15-20 mm markings)
62-106	Osteotome, Blunt, 5 mm (5-10-15-20 mm markings)



PROGRESSIVE OSTEOTOMES

Miltex® Progressive Osteotomes shown here can be used to prepare the implant site in maxillary areas with bone densities 3 or 4.

REF	Description
62-120	Osteotome, Progressive, Concave, 1.6 mm (7.5-9-15.5 mm markings)
62-121	Osteotome, Progressive, Concave, 1.9 mm (7.5-9-13.5-15.5 mm markings)
62-122	Osteotome, Progressive, Concave, 2.8 mm (7.5-9-10.5-13.5-15.5 mm markings)
62-123	Osteotome, Progressive, Concave, 3.1 mm (7.5-9-10.5-13.5-15.5 mm markings)
62-124	Osteotome, Progressive, Concave, 3.9 mm (10-11.5-13 mm markings)
62-125	Osteotome, Progressive, Concave, 5.5 mm (10-13 mm markings)



CONVEX OSTEOTOMES with stops

- Used to raise the floor of the maxillary sinus
- Available in straight or curved (off-set) patterns
- Stops are convenient for maintaining proper distance in millimeters

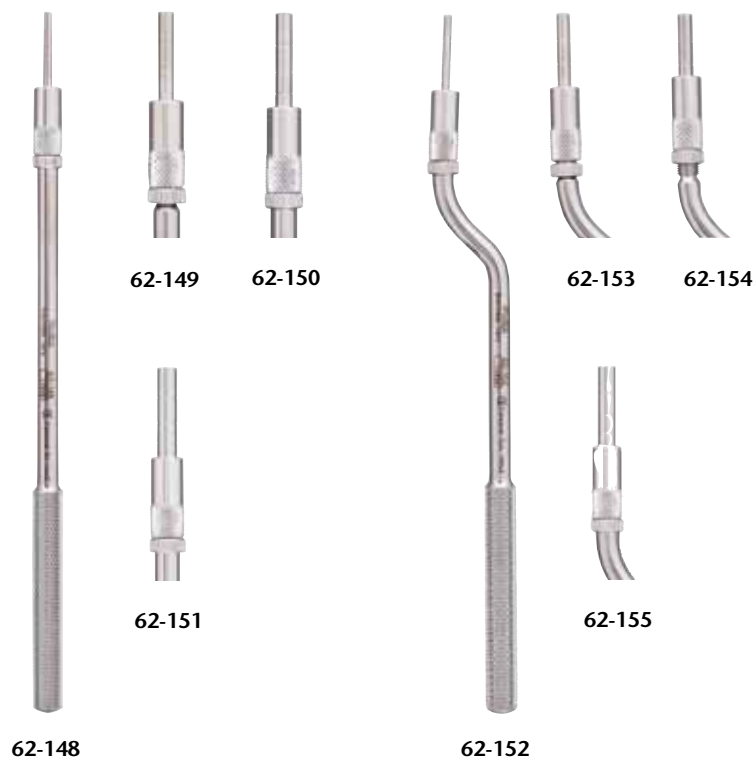
REF	Description
62-140	Osteotome with Stop, Convex, Straight, 2 mm (6-11-15 mm markings)
62-141	Osteotome with Stop, Convex, Straight, 3 mm (6-11-15 mm markings)
62-142	Osteotome with Stop, Convex, Straight, 3.3 mm (6-11-15 mm markings)
62-143	Osteotome with Stop, Convex, Straight, 4 mm (6-11-15 mm markings)
62-144	Osteotome with Stop, Convex, Curved, 2 mm (6-11-15 mm markings)
62-145	Osteotome with Stop, Convex, Curved, 3 mm (6-11-15 mm markings)
62-146	Osteotome with Stop, Convex, Curved, 3.3 mm (6-11-15 mm markings)
62-147	Osteotome with Stop, Convex, Curved, 4 mm (6-11-15 mm markings)



CONCAVE OSTEOTOMES with stops

- Concave osteotomes break the floor of the maxillary sinus through the implant cavity
- Concave tips also allow for introduction of graft material
- Available in straight or curved (off-set) patterns

REF	Description
62-148	Osteotome with Stop, Concave, Straight, 2 mm (6-11-15 mm markings)
62-149	Osteotome with Stop, Concave, Straight, 3 mm (6-11-15 mm markings)
62-150	Osteotome with Stop, Concave, Straight, 3.3 mm (6-11-15 mm markings)
62-151	Osteotome with Stop, Concave, Straight, 4 mm (6-11-15 mm markings)
62-152	Osteotome with Stop, Concave, Curved, 2 mm (6-11-15 mm markings)
62-153	Osteotome with Stop, Concave, Curved, 3 mm (6-11-15 mm markings)
62-154	Osteotome with Stop, Concave, Curved, 3.3 mm (6-11-15 mm markings)
62-155	Osteotome with Stop, Concave, Curved, 4 mm (6-11-15 mm markings)



CONVEX OSTEOTOMES without stops

- Used to raise the floor of the maxillary sinus after fracturing
- Available in straight or curved (off-set) patterns

REF	Description
62-156	Osteotome, Straight, 2.2 mm (6-8-10-12-14-16 mm markings)
62-157	Osteotome, Straight, 2.5 mm (6-8-10-12-14-16 mm markings)
62-158	Osteotome, Straight, 2.8 mm (6-8-10-12-14-16 mm markings)
62-159	Osteotome, Straight, 3.1 mm (6-8-10-12-14-16 mm markings)
62-160	Osteotome, Straight, 3.5 mm (6-8-10-12-14-16 mm markings)
62-161	Osteotome, Straight, 3.8 mm (6-8-10-12-14-16 mm markings)
62-162	Osteotome, Straight, 4.1 mm (6-8-10-12-14-16 mm markings)
62-163	Osteotome, Curved, 2.2 mm (6-8-10-12-14-16 mm markings)
62-164	Osteotome, Curved, 2.5 mm (6-8-10-12-14-16 mm markings)
62-165	Osteotome, Curved, 2.8 mm (6-8-10-12-14-16 mm markings)
62-166	Osteotome, Curved, 3.1 mm (6-8-10-12-14-16 mm markings)
62-167	Osteotome, Curved, 3.5 mm (6-8-10-12-14-16 mm markings)
62-168	Osteotome, Curved, 3.8 mm (6-8-10-12-14-16 mm markings)
62-169	Osteotome, Curved, 4.1 mm (6-8-10-12-14-16 mm markings)



62-156



62-157



62-158



62-159



62-160



62-161



62-162



62-163



62-164



62-165



62-166



62-167



62-168



62-169

SINUS ELEVATORS

- Used to aid in the lifting up of the sinus cavity for implant site preparation
- Elevators feature a more round, smooth tip for lifting the sinus with minimal puncture risk

REF	Description
62-180	Elevator, Sinus, Lift No. 1
62-181	Elevator, Sinus, Lift No. 2
62-182	Elevator, Sinus, Lift No. 3
62-183	Elevator, No. B1
62-184	Elevator, No. B2
62-185	Elevator, No. B3



62-180



62-181



62-182



62-183



62-184



62-185

SINUS CURETTES

Miltex® Sinus Curettes feature a cutting edge for scraping purposes, but can also be used to lift sinus in preparation for implant procedures.

REF	Description
62-190	Curette, Sinus, Lift No. 1
62-191	Curette, Sinus, Lift No. 2
62-192	Curette, Sinus, Lift No. B1
62-193	Curette, Sinus #1
62-194	Curette, Sinus #4
62-195	Curette, Sinus #5
62-196	Curette, Sinus, Mills #2
62-197	Curette, Sinus, Mills #1



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HeliTAPE®

Indications

- Used for dressing minor wounds
- Used to aid in the closure of graft sites
- Used to help repair the Schniderian Membrane

HeliCOTE®

Indications

- Used in palatal donor sites
- Used in mucosal flaps

HeliPLUG®

Indications

- Used to control bleeding and to develop blood clots in extraction sites
- Used to control bleeding and to develop blood clots in biopsy sites

COLLAGEN WOUND DRESSING

The Miltex® collagen wound dressing product offering includes HeliTape®, HeliCote® and HeliPlug® products

- These collagen products are packaged in individual clam shells with an easy to peel backing
- This packaging reduces tray set up time and makes it easy for clinicians to open packages during procedures
- The product is sterile and is sold in packs of 10

REF	Description	Quantity per Box
62-200	HeliTape Collagen Wound Dressing, 1" X 3" (2.5cm X 7.5cm)	10
62-201	HeliCote Collagen Wound Dressing, 3/4" X 1.5" (1.9cm X 3.8cm)	10
62-202	HeliPlug Collagen Wound Dressing, 3/8" X 3/4" (1cm X 2cm)	10



Directions for use
on page 23

STERILIZATION TRAYS

- Designed to help organize and protect instruments from damage during sterilization, transportation and storage

Features:

- Single or Double Tray configuration
- Available in two sizes:
4" x 8" (10.2 cm x 20.3 cm)
7" x 11" (17.8 cm x 27.9 cm)
- Silicone raised mat provides efficient ventilation to facilitate drying
- Clear lid allows for easy instrument or procedure identification



Raised mat provides efficient ventilation



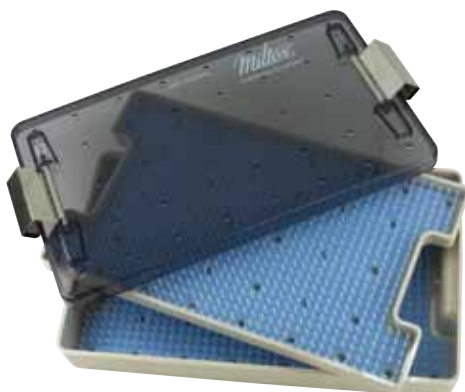
Single or double tray configuration

REF	Description
3-200100	Miltex Tray, 7" x 11" (single layer)
3-200200	Miltex Tray, 7" x 11" (double layer)
3-200300	Miltex Tray, 4" x 8" (single layer)

**Directions for use
on page 24**



3-200100



3-200200



3-200300

HELI-PRODUCTS

DIRECTIONS FOR USE

DESCRIPTION

The Absorbable Collagen Wound Dressings for Dental Surgery (HeliTAPE®, HeliCOTE®, HeliPLUG®) are soft, white, pliable, nonfriable sponges. Because of the coherent sponge structure, application of the dressings to the wound is easily controlled. The dressings retain their structural integrity even when wet. Unwanted dispersal from the site is not encountered. The Absorbable Collagen Wound Dressings for Dental Surgery are very porous. Greater than 90% of the dressing consists of open pores, which can fill with fluid. The dressings are highly absorbent, holding many times their own weight of saline solution. The basic material from which the Absorbable Collagen Wound Dressings for Dental Surgery are fabricated is collagen obtained from bovine deep flexor (Achilles) tendon. The tendon is one of the purest sources of collagen that can be readily obtained and processed in commercial quantities. Because of the high initial purity and further processing achieved during manufacture, the sponges are safe and effective wound dressings that exhibit very consistent behavior. The Absorbable Collagen Wound Dressings for Dental Surgery are nontoxic and nonpyrogenic, and each dressing is packaged individually. The sterility of the dressing is guaranteed unless the package is opened or damaged.

INDICATIONS

The Absorbable Collagen Wound Dressings for Dental Surgery are indicated for application to moist or bleeding clean oral wounds created during dental surgery, to control bleeding and protect the surface of the wound from further injury. Topical administration of the Absorbable Collagen Wound Dressings directly over the wound effectively controls bleeding usually within two to five minutes. The Absorbable Collagen Wound Dressings for Dental Surgery, are intended for use on moist or bleeding wounds where a stabilized blood clot can help protect the surface of the wound from further injury. The Absorbable Collagen Wound Dressings are indicated during prolonged dental procedures where maintaining a clear surgical field and ease of use are beneficial factors in treating oral wounds. In situations where frequent aspiration is required to remove accumulated blood and exudate, the Absorbable Collagen Wound Dressings can be used to dress bleeding or oozing wounds and thereby improve patient comfort. Since the Absorbable Collagen Wound Dressings can be easily removed without damaging the wound bed, they can be used as temporary dressings prior to surgical closure.

INFORMATION FOR USE

The Absorbable Collagen Wound Dressings for Dental Surgery have been shown to have good adherence to moist wounds. The highly porous sponge structure absorbs blood and wound exudate. An inherent property of native collagen is the ability to promote hemostasis. In contact with blood, collagen is known to cause aggregation of platelets, which bind in large numbers to the collagen fibrils. The aggregated platelets degranulate, releasing coagulation factors that enable, together with plasma factors, the formation of Fibrin. The sponge structure of the Absorbable Collagen Wound Dressings provides a three-dimensional matrix for additional strengthening of the blood clot. In vivo studies using guinea pigs showed that the incidence of infection (abscess) of incision sites inoculated with *Staphylococcus aureus* was not enhanced by the presence of the Absorbable Collagen Wound Dressings when compared to another collagen hemostatic agent. However, extent of wound infection tended to be greater than control with the Absorbable Collagen Wound Dressings and another collagen hemostatic agent tested. This tendency is observed with many foreign substances. The Absorbable Collagen Wound

Dressings for Dental Surgery have been tested for potential allergenic sensitivity and cytotoxicity. The sponges contain no toxic leachables, do not produce tissue irritation, and show no contact sensitization upon repeat challenge. Passive hemagglutination, which is a sensitive test for potential antigenicity, was used with the Absorbable Collagen Wound Dressings as the antigen. There was no agglutination observed. The Absorbable Collagen Wound Dressings for Dental Surgery are tested and certified as nonpyrogenic.

PRECAUTIONS

The Absorbable Collagen Wound Dressings for Dental Surgery should not be used on infected or contaminated wounds. Although the Absorbable Collagen Wound Dressings will promote hemostasis, they are not intended for use in treating systemic coagulation disorders. Store the Absorbable Collagen Wound Dressings in sealed packages at room temperature. Avoid excessive heat or humidity. Discard all open but unused dressings. Do not attempt to re-sterilize. The material has not been tested on pregnant women. The risk to health has not been established. The long-term effects of leaving the Absorbable Collagen Wound Dressings in situ are presently unknown.

ADMINISTRATION

A sufficiently large Absorbable Collagen Wound Dressing should be selected so as to completely cover the oral wound. The wound should be rinsed clean and excess fluid removed. The dressing should be applied over the wound and held in place with moderate pressure. The period of time necessary to apply pressure will vary with the degree of bleeding. In general, two to five minutes should be sufficient to achieve hemostasis. At the end of the procedure, the Absorbable Collagen Wound Dressing can be removed, replaced or left in situ. If desired, the Absorbable Collagen Wound Dressing can be covered with a periodontal packing to help hold the sponge in place. The Absorbable Collagen Wound Dressing may be left in situ, when necessary. However, the dentist should remove any excess dressing prior to wound closure.

ADVERSE REACTIONS

Adverse reactions reported with another microfibrillar collagen hemostatic agent that were possibly related to its use were adhesion formation, allergic reaction, foreign body reaction and subgaleal seroma (report of a single case). Since the wound dressings are collagen-based products, adverse reactions experienced with another microfibrillar collagen may be related. The Absorbable Collagen Wound Dressings for Dental Surgery differ substantially in source, method of processing, and purity from other microfibrillar and macrofibrillar forms of collagen commercially distributed for hemostatic and wound care applications.

STERILIZATION TRAY INSTRUCTIONS FOR USE

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a dentist or physician.

INDICATIONS FOR USE

Miltex Sterilization Trays are intended for the protection, organization and the delivery to the surgical field of surgical instruments and/or other medical devices. Miltex Sterilization Trays are not designed to maintain sterility by themselves. They are designed to facilitate the sterilization process when used in conjunction with a wrapping material (FDA cleared sterilization wrap) or a specified filtered sterilization container system. Wrapping materials and sterilization containers are designed to allow air removal, steam penetration/evacuation (drying) and maintain the sterility of the internal components.

CONTRAINDICATIONS

- Miltex Sterilization Trays have not been validated for use with flexible endoscopes, or devices with lumens or working channels longer than four inches (3mm ID). Always refer to instrument manufacturer instructions.

WARNINGS

- Do not stack trays in autoclave chamber. Stacking of trays and overloading of the units will adversely effect sterilization and drying effectiveness.
- Do not overload trays. Balance instrument within the trays and arrange to allow steam to come in contact with all objects in the container.

PRECAUTIONS

- Do not load trays into sterilizer on sides or upside down with lid side on the shelf of cart. Load trays on cart or shelf, so that the lid is always facing upward. This will allow for proper drying. Miltex Sterilization Trays are designed to drain in this position.
- Do not use solvents, abrasives cleaners, metal brushes or abrasive pads.
- Always follow instrument manufacturer instructions if their sterilization or drying recommendations exceed these guidelines.
- After the autoclave door is opened, all cases must be allowed to cool thoroughly. The potential for condensation may increase if the case is not allowed to cool properly.

HOW SUPPLIED

Miltex Sterilization Trays are supplied NON-STERILE and packaged one per box.

INSTRUCTIONS FOR USE

- Both physical and chemical (detergent) processes may be necessary to clean soiled items. Chemical (detergent) cleaners alone cannot remove all soil and debris; therefore, a careful manual cleaning of each item with a soft sponge or cloth is essential for maximum decontamination. For difficult access areas, a clean soft bristled brush is recommended.
- Once the items have been cleaned, they should be thoroughly rinsed with clean water to remove any detergent or chemical residue before sterilization.
- Miltex sterilization trays can be placed in mechanical cleaning equipment.
- Always inspect for cleanliness or damage before use. Make sure all latches and handles are secure and in working order.

STERILIZATION INSTRUCTIONS

- Miltex recommends that the sterilization trays be processed according to the sterilization wrap manufacturer's instructions prior to sterilization to maintain sterility of internal components/items and for proper aseptic presentation to the surgical/dental field.
- For Prevacuum Sterilizer:
 - Wrapped trays and instruments should be exposed to 132° C to 135° C (270° F to 275° F) for at least four minutes.
 - Dry 20 to 40 minutes.
- For Gravity Displacement Sterilizer
 - Wrapped trays and instruments should be exposed to 132° C to 135° C (270° F to 275° F) for at least 30 minutes, or 121° C to 123° C (250° F to 254° F) for at least 55 minutes.
 - Dry for 20 to 50 minutes.
- Variables that may affect drying times include: loading density of the tray, instrument configuration, total contents of the sterilizer, steam quality, equipment maintenance and others.

MAINTENANCE OF TRAYS

- Always inspect for cleanliness or damage before use.
- Make sure all latches and handles are secure and in working order.

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MILTEX WARRANTY

INSTRUMENTS AND PRODUCTS

Miltex hereby warrants all Miltex products purchased directly from Miltex or an Authorized Dealer in accordance with the following terms and conditions:

All Miltex instruments and products are guaranteed to be free from defects in material and workmanship when used for their intended surgical or dental purpose. Any Miltex product that proves defective in workmanship or material will either be repaired or replaced, at Miltex's discretion, without charge. Products not purchased from an authorized source may not be authentic or meet Miltex's quality standards and may have been tampered with.

Other Instrument and Product Warranties:

- . Union Broach Chiropractic Mallet – 90 days
- . Union Broach Electrical Devices – 1 year except for Sprint TCM – 2 years
- . Cassettes - 4-year warranty on all moving parts and lifetime guarantee against corrosion

REPAIRS

Instruments and products repaired by the Miltex Instrument Repair Service are guaranteed to be free from defects in material and workmanship for 90 days when used for their intended surgical or dental purpose. Any Miltex repair that proves defective in workmanship or material within this 90-day period will either be repaired again or replaced, at Miltex's discretion, without charge. Instruments must be cleaned and sterilized prior to returning to Miltex for repair.

WARRANTY EXCEPTIONS

This warranty is void for Miltex instruments and products serviced by any person or facility other than the Miltex Instrument Repair Service. Any custom made, custom etched or neutralized products are not returnable. Warranties are not valid for Miltex instruments and products that prove defective as a result of improper care and cleaning or misuse. Instruments or products that are damaged in fire, flood or other acts or disasters are also excluded from warranty. Except as set forth in these Terms and Conditions, Miltex makes no other representations and warranties regarding its instruments or products, either expressed or implied. In addition, in no event will Miltex be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of Miltex instruments and products.



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