



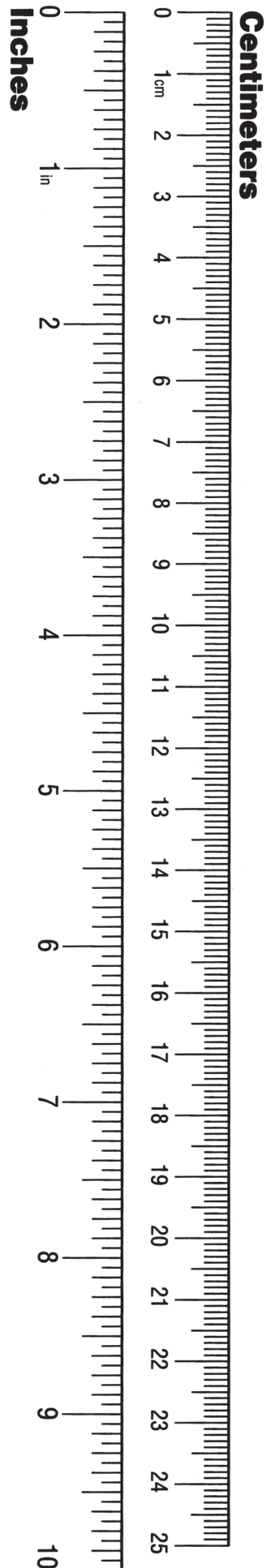
Inspired by the hands that hold them.

www.biometmicrofixation.com

BIOMET®
MICROFIXATION
Anticipate. Innovate.™

Conversion Table

Approximate	Exact Conversion
3.5 cm = 1-1/2"	1.38"
4 cm = 1-1/2"	1.57"
4.5 cm = 1-3/4"	1.77"
5 cm = 2"	1.97"
5.5 cm = 2-1/4"	2.17"
6 cm = 2-1/2"	2.36"
6.5 cm = 2-1/2"	2.56"
7 cm = 2-3/4"	2.76"
7.5 cm = 3"	2.95"
8 cm = 3-1/4"	3.15"
8.5 cm = 3-1/2"	3.35"
9 cm = 3-1/2"	3.54"
9.5 cm = 3-3/4"	3.74"
10 cm = 4"	3.94"
10.5 cm = 4"	4.13"
11 cm = 4-1/2"	4.33"
11.5 cm = 4-1/2"	4.53"
12 cm = 4-3/4"	4.72"
12.5 cm = 5"	4.92"
13 cm = 5"	5.12"
13.5 cm = 5-1/2"	5.31"
14 cm = 5-1/2"	5.51"
14.5 cm = 5-3/4"	5.71"
15 cm = 6"	5.91"
15.5 cm = 6"	6.10"
16 cm = 6-1/4"	6.30"
16.5 cm = 6-1/2"	6.50"
17 cm = 6-3/4"	6.69"
17.5 cm = 7"	6.89"
18 cm = 7"	7.09"
18.5 cm = 7-1/4"	7.28"
19 cm = 7-1/2"	7.48"
19.5 cm = 7-3/4"	7.68"
20 cm = 8"	7.87"
20.5 cm = 8"	8.07"
21 cm = 8-1/4"	8.27"
21.5 cm = 8-1/2"	8.46"
22 cm = 8-3/4"	8.66"
22.5 cm = 8-3/4"	8.86"
23 cm = 9"	9.06"
23.5 cm = 9-1/4"	9.25"
24 cm = 9-1/2"	9.45"
24.5 cm = 9-3/4"	9.65"
25 cm = 9-3/4"	9.84"
26 cm = 10-1/4"	10.24"
27 cm = 10-3/4"	10.63"
28 cm = 11"	11.02"
29 cm = 11-1/2"	11.42"
30 cm = 11-3/4"	11.81"



Foreword

Who is Biomet Microfixation?

In 1966 Walter Lorenz began selling surgical instruments from his homeland, Germany, to Oral and maxillofacial surgeons in the U.S. Mr. Lorenz quickly made a name for himself within this small community of surgeons based on the exceptional craftsmanship and impeccable quality of his products. Over the years, Mr. Lorenz expanded his instrument line to meet the growing need for specialized instruments from surgeons who were constantly advancing the specialties they served. In response to the ever-increasing complexity of the procedures being performed in the Oral and Maxillofacial field, Walter hired engineers to work directly with surgeons to design tools that would allow them to continue to challenge the limits of medicine and ultimately positively impact the lives of the patients in their practices. In time, the Lorenz name became synonymous with exceptional quality, impeccable integrity and unmatched service within the Oral and Maxillofacial field.

Biomet Microfixation, formerly known as Walter Lorenz Surgical, Inc., is proud to continue Walter's commitment to Quality, Integrity and Service today. We continue to offer a line of German Surgical Instruments; the quality and craftsmanship of which are worthy of the Lorenz name. Like Mr. Lorenz, our commitment to our customers goes beyond the quality of our products and culminates in a close partnership with the skilled hands of surgeons around the world to develop much needed tools for advancing their work. Through programs like Biomet Microfixation's Rapid Response, we offer an unmatched ability to work directly with surgeons to create the tools needed to challenge the limits of medicine in their fields.

To learn more about Walter Lorenz and the Biomet Microfixation company, we invite you to visit our 82,500 square-foot, state-of-the-art facilities in Jacksonville, Florida, to experience firsthand our commitment to positively impacting the lives of patients around the world. You may also visit us online at www.biometmicrofixation.com.

In keeping with the Walter Lorenz tradition, our new surgical instrument catalog features a wide range of surgical instrumentation in oral and maxillofacial, craniofacial and plastic surgery. As all of our instruments proudly carry the Lorenz name, each of them is unconditionally guaranteed against workmanship and material defects for life. Should you have any questions about the contents of this catalog or the need for our Rapid Response services in designing instruments outside of this catalog, please feel free to call us directly at 1-800-874-7711.

On behalf of our team members and distributors, I thank you for your tremendous support in the past and look forward to our continued business relationship with you, our valued customers.

*Adam Johnson
President*

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Lorenz Instrumentation

BIOMET®
MICROFIXATION

SALES POLICY

TERMS

Invoices are payable upon receipt, Net 30 days. Accounts open after 30 days shall be subject to a finance charge of one and one-half percent (1-1/2 %) per month (18% per annum), unless special payment terms are arranged in advance through Biomet Microfixation.

TAXES

Applicable sales taxes will be added to all prices printed in our catalogs or price lists. Organizations exempt from sales tax must have a tax exemption certificate on file with Biomet Microfixation.

SHIPMENT OF GOODS

Shipment of product will be made by the most expedient source determined by Biomet Microfixation unless prior arrangements are made by the customer.

RETURN GOODS POLICY

1. All requests to return merchandise must be authorized by a Customer Service representative. Shipments must have a Return Goods Authorization (RGA) number clearly marked and displayed on each carton and returned on a freight-prepaid basis. For your protection, please insure the return shipment.
2. All returns must be made within 90 days from date of invoice. Goods returned after 30 days will incur a 20% restocking fee. Products must be in original packaging, unused, and in saleable condition. The company reserves the right to charge 20% for the repackaging of any opened surgical instrument.
3. The following types of merchandise cannot be accepted for return at any time:
 - (a) custom made goods
 - (b) special orders
 - (c) discontinued products
 - (d) engraved instruments
 - (e) implants and sterile products not in original unopened package
 - (f) merchandise held longer than 90 days

WARRANTY

All BIOMET Microfixation and Lorenz Brand instruments are warranted to be free from defects in workmanship and materials for the life of the product. Any product, which proves defective in workmanship or materials, will be replaced at no charge. Warranty does not apply to normal wear and tear or for use of instrumentation beyond normal limitations. Any modification, repair, or alteration made by other than by BIOMET Microfixation will render the warranty null and void.

BIOMET MICROFIXATION reserves the right to make changes to pricing and product specification at any time without incurring obligation.

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SCISSORS



W. LORENZ SCISSORS

W. Lorenz Surgical offers a full line of scissors ranging from basic Stainless Steel patterns to our Power Cut / Tungsten Carbide scissors.

“STANDARD”



(Standard Rings)

— German grade surgical stainless steel scissors in numerous patterns and sizes. Specific patterns may have serrations.

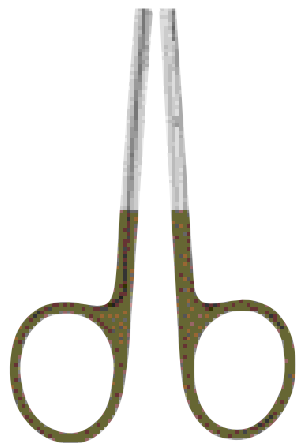
“POWER CUT”



(Black Rings)

— One blade is ground to a “razor” sharp or power cut edge and the opposing blade is serrated. These scissors provide a more precise cut than standard stainless steel scissors and help reduce unwanted slippage.

“TC-TUNGSTEN CARBIDE”



(Gold Rings)

— The stainless steel blades are fused with tungsten carbide to provide excellent cutting ability for many years. Specific patterns may have serrations.

“PC / TC - POWER CUT -TUNGSTEN CARBIDE”



(Black and Gold Rings)

— Both blades have fused tungsten carbide with one blade serrated and one blade “razor” sharp. These scissors provide the ultimate combination for superb performance.

DOLWICK-REICH DISC RESECTION SCISSORS



01-6506

ANGLED

01-6506 13.5cm, 5-1/4"

CONVERSE ANGULAR SCISSORS



02-0344

CURVED

02-0344 10.5cm, 4-1/4"

REYNOLDS SCISSORS



02-0372

CURVED

02-0372 16cm, 6-1/4"

REYNOLDS SCISSORS PC



23-0570

CURVED

23-0570 16cm, 6-1/4"

JETER BABY-DEAN SCISSORS



02-8516

SERRATED	13cm, 5"
BLUNT	SHARP
02-8516	02-8518

MAYO-NOBLE SCISSORS



23-0045

STRAIGHT
23-0045 16cm, 6-1/4"

STRABISMUS SCISSORS



02-0314

CURVED
02-0314 11.5cm, 4-1/2"

SALYER TENOTOMY SCISSORS



02-8440

CURVED
02-8440 9.5cm, 3-3/4"

HEYMANN NASAL SCISSORS

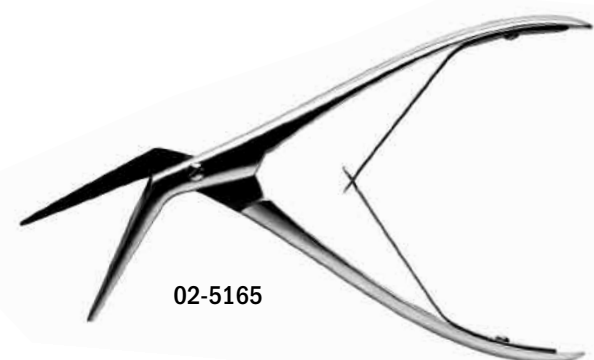


02-0369

ANGLED

02-0369 18cm, 7"

TESSIER BONE CUTTING SCISSORS



02-5165

ONE BLADE SERRATED

02-5165 19cm, 7-1/2"

One blade is serrated.

Designed to cut ribs or thin cortical iliac grafts in long strips. They can also be used for cutting calvarial bones of young children.

JAMESON SCISSORS



02-0374

CURVED

02-0374

LONG STITCH SCISSORS

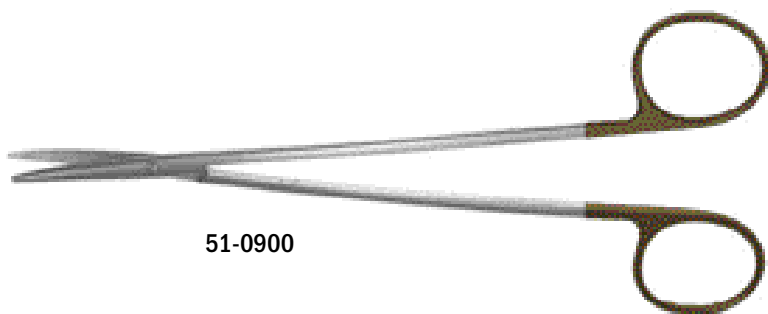


09-0158

STRAIGHT

09-0158 16cm, 6-1/4"

LORENZ-METZENBAUM SCISSORS



51-0900

DELICATE S-SHAPE

51-0900 18cm, 7"

MAYO-STILLE SCISSORS POWERCUT TC



51-0232

CURVED

51-0232 17cm, PC/TC 6-3/4"

IRIS SCISSOR, ROUND HANDLE



04-0024

DELICATE, STRAIGHT

04-0024 10.5cm, 4"

YARSAGIL SCISSORS



33-3701

BAYONET, STANDARD CURVED

33-3701 22CM, 8-3/4"

BAYONET, MICRO STRAIGHT

33-3702 22CM, 8-3/4"

CURVED

33-3703 22CM, 8-3/4"

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Lorenz Instrumentation

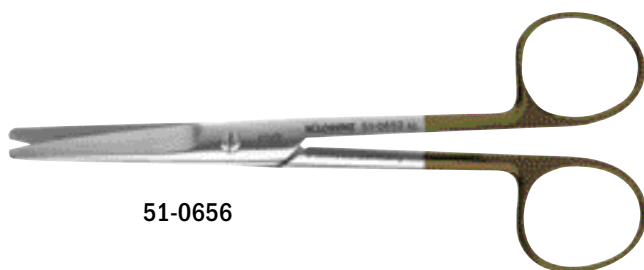
JACOBSON SCISSORS



33-3711

BAYONET, STRAIGHT

33-3711 18.5CM, 7"

MAYO SCISSORS TC

51-0656

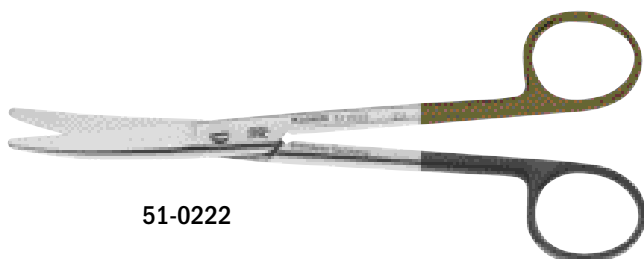
**STRAIGHT**

51-0656 17cm, 6-3/4" TC

CURVED

51-0657 17cm, 6-3/4" TC

51-0653 14.5cm, 5-1/2" TC

**MAYO SCISSORS POWER CUT TC**

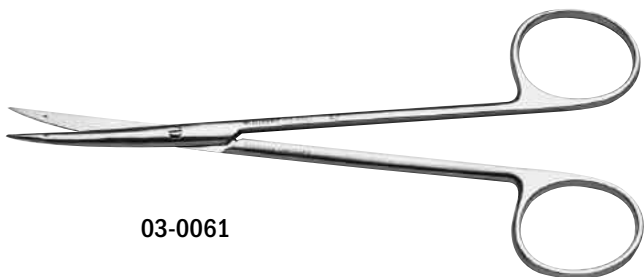
51-0222

**STRAIGHT**

51-0220 17cm, 6-3/4" PC/TC

CURVED

51-0222 17cm, 6-3/4" PC/TC

**LITTLER SUTURE CARRYING SCISSORS**

03-0061

CURVED WITH HOLE

03-0060 11.5cm, 4-1/2"

03-0061 14cm, 5-1/2"

03-0062 18cm, 7"

**KILNER SCISSORS POWER CUT TC**

51-0393

CURVED

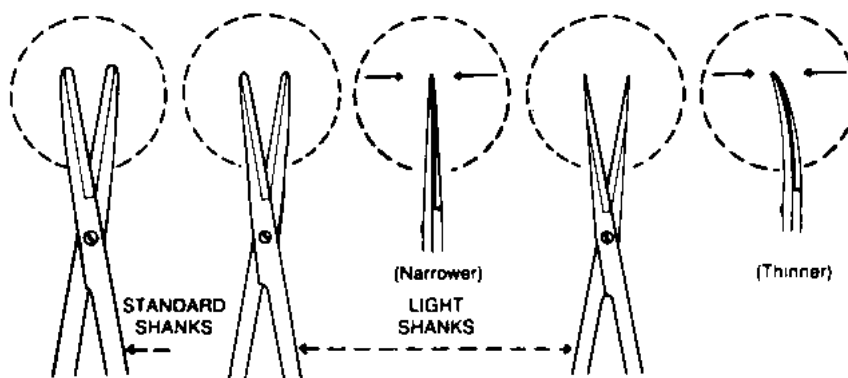
51-0393 13cm, 5" PC/TC



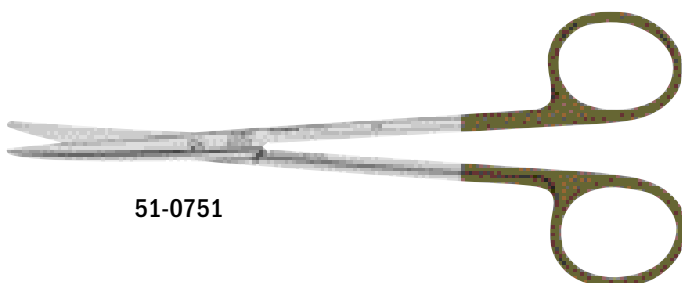
METZENBAUM SCISSORS

For the various tissue dissecting and cutting requirements of today's specialized surgical procedures.

(METZENBAUMS) THREE TIP CONFIGURATIONS:



METZENBAUM SCISSORS TC



51-0751

CURVED

51-0751 14cm, 5-1/2" TC
51-0761 18cm, 7" TC

CURVED DELICATE SHARP/SHARP

51-0805 14cm, 5-1/2" TC



METZENBAUM SCISSORS POWER CUT DELICATE



23-0182

CURVED

23-0182 14cm, 5-1/2"



METZENBAUM SCISSORS POWER CUT TC



51-0200

CURVED

51-0200 18cm, 7" PC/TC



METZENBAUM SCISSORS DELICATE TC



51-0821



51-0835

CURVED BLUNT/BLUNT

51-0801 14cm, 5-1/2" TC

51-0821 18cm, 7" TC



CURVED SHARP/SHARP

51-0835 20cm, 8" TC

51-0845 23cm, 9" TC



STRAIGHT SHARP/SHARP

51-0834 20cm, 8" TC

METZENBAUM DELICATE POWER CUT TC



51-0186

CURVED

51-0182 14cm, 5-1/2" PC/TC

51-0186 18cm, 7" PC/TC

POWER CUT ONLY

23-0063 13cm, 5" PC



DEAN SCISSORS



09-0142

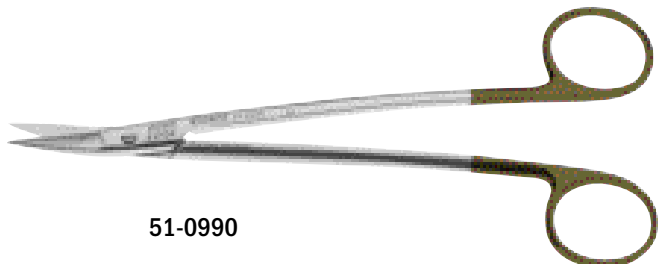
ANGLED SERRATED

09-0141 15.5cm, 6"

09-0142 17cm, 6-3/4"



DEAN SCISSORS TC



51-0990

ANGLED SERRATED

51-0990 17cm, 6-3/4" TC



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DEAN SCISSORS *POWER CUT TC*



51-0142

ANGLED SERRATED

51-0142 17cm, 6-3/4" PC, TC

POWER CUT ONLY

23-0142 17cm, 6-3/4"

IRIS SCISSORS FLAT SHANKS



02-0297

CURVED

02-0297 9.5cm, 3-3/4"

IRIS SCISSORS



02-0310

DELICATE CURVED

02-0311 11.5cm, 4-1/2"



DELICATE STRAIGHT

02-0310 11.5cm, 4-1/2"



CURVED

09-0148 11.5cm, 4-1/2"

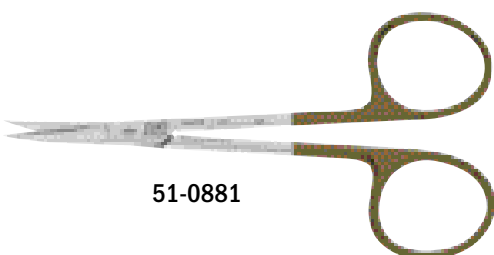


STRAIGHT

09-0149 11.5cm, 4-1/2"



IRIS SCISSORS TC



51-0881

STRAIGHT

51-0880 11.5cm, 4-1/2" TC

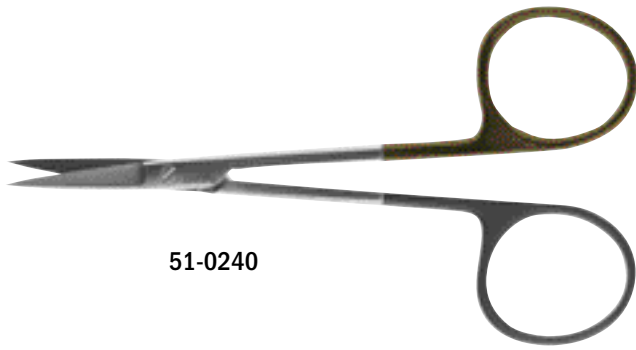


CURVED

51-0881 11.5cm, 4-1/2" TC



IRIS SCISSORS POWER CUT TC



51-0240

STRAIGHT

51-0240 11.5cm, 4-1/2" PC/TC

CURVED

51-0242 11.5cm, 4-1/2" PC/TC

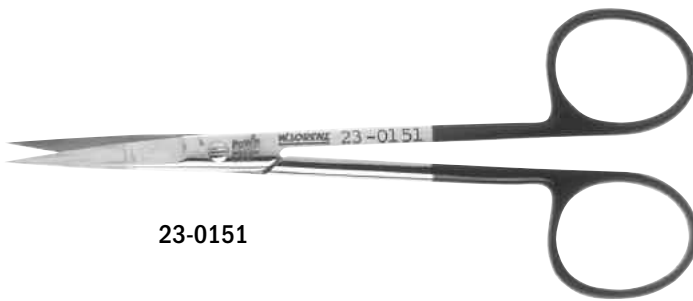


POWER CUT ONLY

23-0242 11.5cm, 4-1/2"



WAGNER SCISSORS POWER CUT



23-0151

SHARP/SHARP, STRAIGHT

23-0151 12cm, 4-3/4" PC



KELLY SCISSORS



09-0147

CURVED SERRATED

09-0147 16cm, 6-1/4"

STRAIGHT SERRATED

09-0146 16cm, 6-1/4"



KELLY SCISSORS TC



51-0986

CURVED

51-0986 16cm, 6-1/4" TC



STEVENS TENOTOMY SCISSORS



02-0317

CURVED SHARP

02-0317 11.5cm, 4-1/2"



02-0319

CURVED BLUNT

02-0319 11.5cm, 4-1/2"



STEVENS TENOTOMY SCISSORS POWER CUT



23-0302

CURVED BLUNT

23-0292 11.5cm, 4-1/2" PC

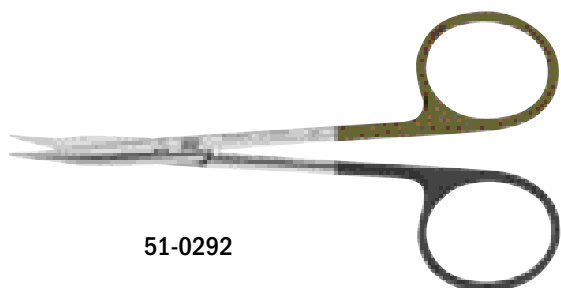


CURVED SHARP

23-0302 11.5cm, 4-1/2" PC



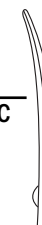
STEVENS TENOTOMY SCISSORS POWER CUT TC



51-0292

CURVED BLUNT

51-0292 11.5cm, 4-1/2" PC/TC

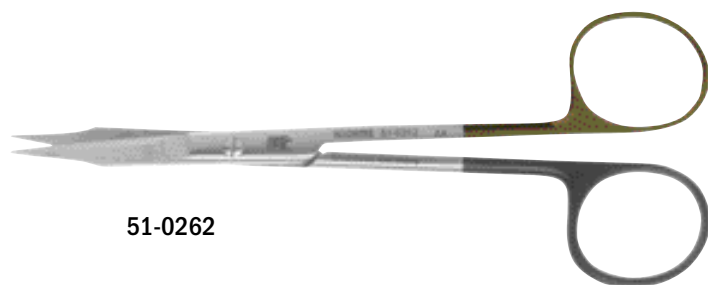


CURVED SHARP

51-0302 11.5cm, 4-1/2" PC/TC



GOLDMAN – FOX SCISSORS POWER CUT TC



51-0262

CURVED

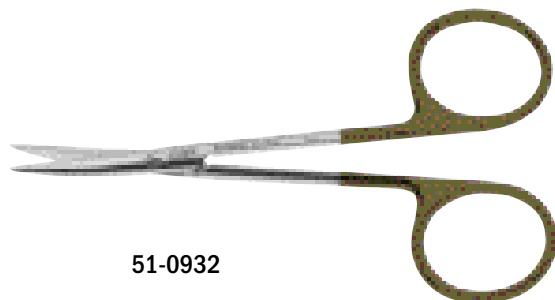
51-0262 13cm, 5" PC/TC

BOTH BLADES SERRATED CURVED

51-0871 13cm, 5" TC



PAR SCISSORS TC



51-0932

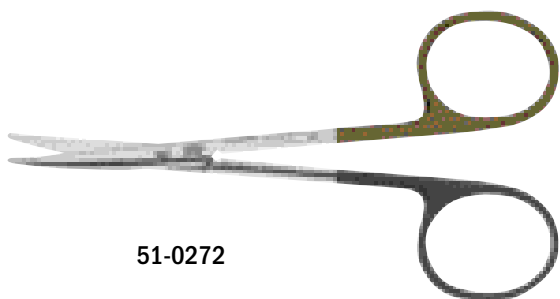
CURVED

51-0932 11.5cm, 4-1/2" TC

51-0933 14.5cm, 5-3/4" TC



PAR SCISSORS POWER CUT TC



51-0272



STRAIGHT

51-0270 11.5cm, 4-1/2" PC / TC

CURVED

51-0272 11.5cm, 4-1/2" PC / TC



KAYE FACE LIFT SCISSORS



02-9108

CURVED

02-9102 12.5cm, 7-1/2"

02-9108 19cm, 7-1/2"

KAYE UNDERMINING

02-9103 15.5cm, 6"



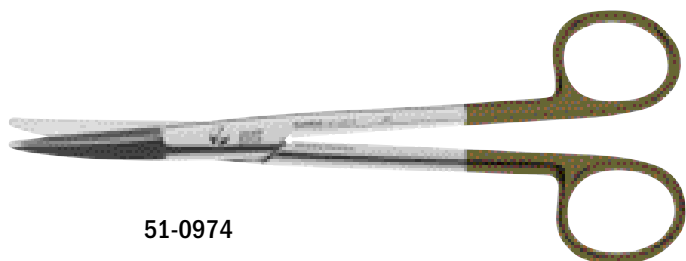
ASTON FACE LIFT SCISSORS POWER CUT TC

51-0410

**CURVED**

51-0405 17cm, 6-3/4" PC/TC

51-0410 20cm, 8" PC/TC

REES FACE LIFT SCISSORS TC

51-0974

CURVED SERRATED

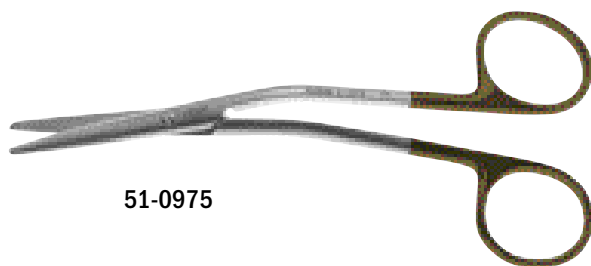
51-0974 17cm, 6-3/4" TC

**FOMON LOWER LATERAL SCISSORS**

02-0347

CURVED

02-0347 11cm, 4-1/2"

**FOMON DORSAL SCISSORS TC**

51-0975

ANGLED

51-0975 13cm, 5" TC

COTTLE DORSAL SCISSORS *POWER CUT TC*



51-0340

ANGLED

51-0340 16cm, 6-1/4" PC/TC

CAPLAN SEPTUM SCISSORS



02-0072

ANGLED

02-0072 20cm, 8"



JOSEPH SCISSORS *POWER CUT TC*



51-0252

CURVED

51-0252 14cm, 5-1/2" PC/TC

CURVED POWERCUT ONLY

23-0252 14cm, 5-1/2" PC



WALDEN – MARSHALL SCISSORS



02-0409

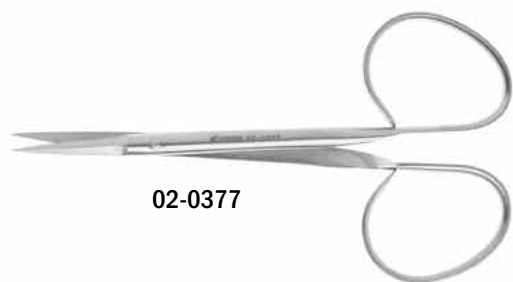
CURVED

02-0409 23cm, 9"

02-0410 25cm, 9-3/4"



BLEPHAROPLASTY SCISSORS



02-0377

STRAIGHT

02-0377 10cm, 4"

CURVED

02-0378 10cm, 4"



JETER CLEFT PALATE SCISSORS



02-0025

ANGLED RIGHT

02-0025 14.5cm, 5-3/4"

ANGLED LEFT

02-0026 14.5cm, 5-3/4"

JETER CLEFT PALATE SCISSORS

Designed to facilitate development of soft palate flaps, these scissors are particularly useful in separation of the levator muscle from the mucosa on both the oral and nasal side.

LOCKLIN SCISSORS



09-0143

SERRATED/ANGLED

09-0143 16.5cm, 6-1/2"

51-0987 16cm, 6-1/4" TC



PECK JOSEPH SCISSORS



02-0351

SHARP/STRAIGHT

02-0351 14cm, 5-3/4"



O'BRIEN STITCH SCISSORS



02-0385



ANGLED

02-0385 9cm, 3-1/2"

KAYE BLEPHAROPLASTY SCISSORS



02-9110



SERRATED

02-9110 11cm, 4-1/2"

OPERATING SCISSORS *POWER CUT TC*



51-0515



SHARP/BLUNT CURVED

51-0515 14.5cm, 5-1/2" PC/TC

OPERATING SCISSORS *POWER CUT*



23-0503



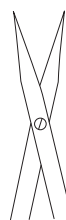
SHARP/BLUNT STRAIGHT

23-0503 14.5cm, 5-1/2" PC

UTILITY SCISSORS



02-0308



DELICATE CURVED

02-0308 9.5cm, 3-3/4"

SPENCER STITCH SCISSORS



02-0389



STRAIGHT

02-0389 11cm, 4-1/2"

FORCEPS



MAGILL CATHETER INTRODUCING FORCEPS



09-0023

09-0023 25cm, 9-3/4"

YOUNG TONGUE SEIZING FORCEPS



09-0020

09-0020 17cm, 6-3/4"

09-0021

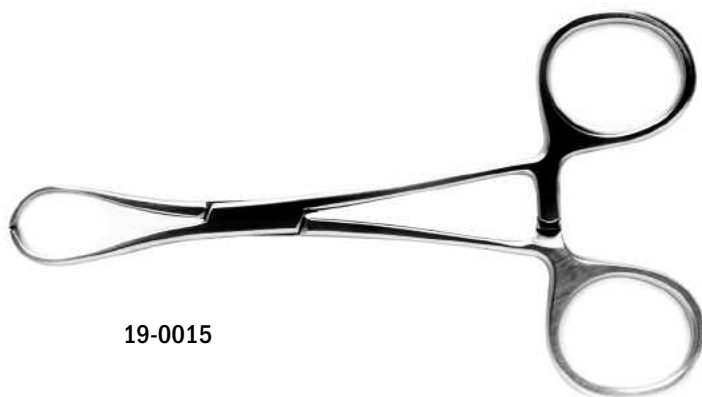


REPLACEMENT RUBBER JAWS

09-0021 Sold in Pairs

FORCEPS
New Additions

LORNA NON-PERFORATING TOWEL FORCEPS



19-0015

19-0015 14cm, 5-3/8"

19-0016 9cm, 3-1/2"

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Lorenz Instrumentation

JONES TOWEL FORCEPS



19-0012

19-0012 9cm, 3-1/2"

MIXTER FORCEPS

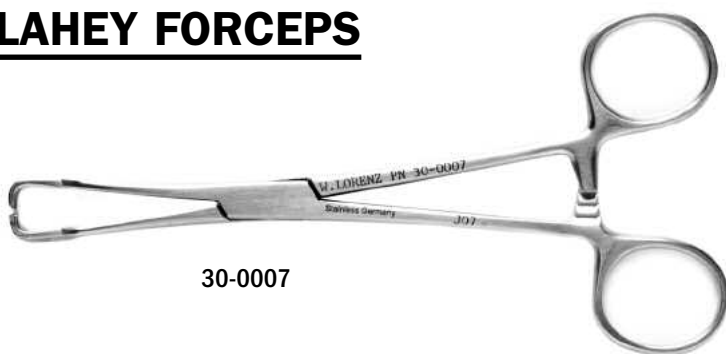
Image Not Available

22-2016



DELICATE, WIDE CURVE
22-2016 19cm, 7-1/2"

LAHEY FORCEPS



30-0007

3X3 TEETH
30-0007 15cm, 6"

LERICHE FORCEPS



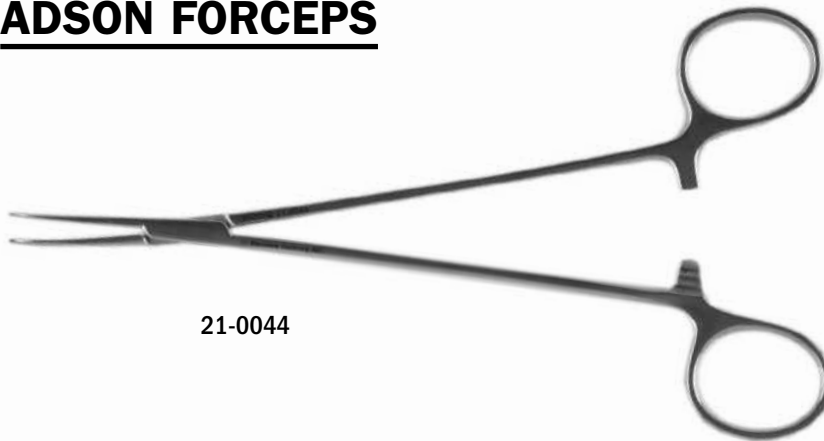
21-0016



CURVED

21-0016 15cm, 6"

ADSON FORCEPS



21-0044



CURVED

21-0044 18.5cm, 7-1/4"

TMJ CLAMP



01-0636

01-0636 10cm, 4"

FORCEPS
New Additions

1-800-874-7711
904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

DOLWICK-REICH MANDIBULAR GUIDING CLAMP



01-6522

SMALL PATTERN

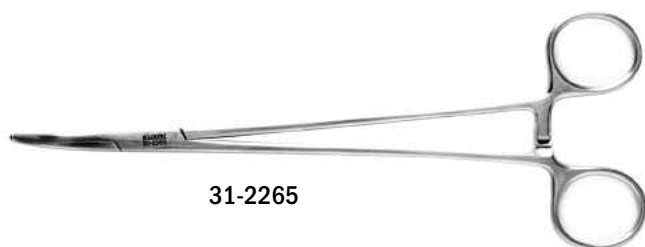
01-6522 15cm, 6"

LARGE PATTERN

01-6524 16.5cm, 6-1/2"

Serve to clamp and guide the mandible for simulation of functional movements during intra-articular surgery. Fitted with specially designed tips for reduced soft tissue damage. The larger clamp is designed to protect the soft tissues of heavier patients.

HOHENFELLNER DISSECTION FORCEPS

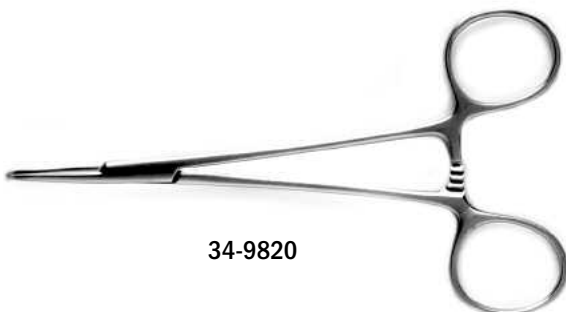


31-2265

31-2265 21cm, 8-1/4"

31-2270 24.5cm, 9.5"

MIXTER DISSECTING FORCEPS



34-9820

SMOOTH JAWS, DELICATE

34-9820 14cm, 5-1/2"

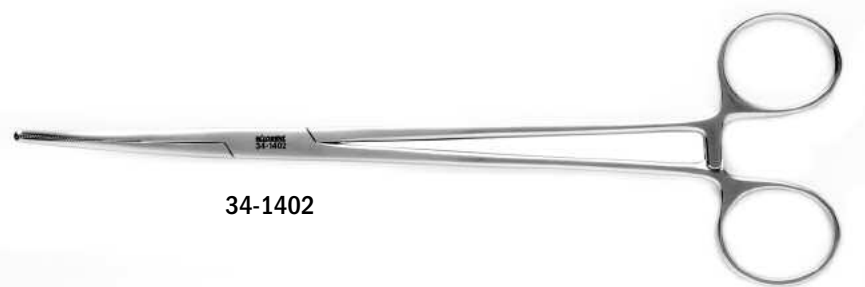
LEES BRONCHUS CLAMP



34-8201

34-8201 25cm, 10"

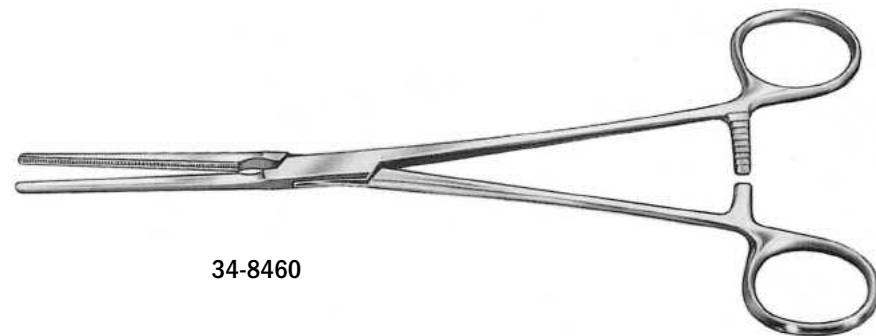
RUMEL DISSECTING FORCEPS



34-1402

34-1402 23cm, 9"

DEBAKEY PERIPHERAL VASCULAR CLAMP



34-8460

34-8460 22cm, 8-3/4"

DEBAKEY MULTI-PURPOSE CLAMP



34-8644

60°

34-8644 24cm, 9-1/2"

MICRO BULLDOG CLAMP



34-4700

34-4700 8mm JAWS

Closing pressure: 50G
Weight: 3.0G

Jaws are finely serrated. Tips parallel closing. Low closing pressure provides non-compressive occlusion.

GREGORY “SOFT” BULLDOG CLAMP



34-4950

CURVED RIGHT

34-4950 12cm, 4-3/4"

CURVED LEFT

34-4955 12cm, 4-3/4"

EYE DRESSING FORCEPS



20-0081

SERRATED, FULL CURVE

20-0081 10cm, 4"

BROWN TISSUE FORCEPS



20-0060

20-0060 15cm, 6"

JANSEN BAYONET FORCEPS



07-0015

07-0015 16cm, 6-1/4"

MICROVASCULAR FORCEPS



04-4301

STRAIGHT

04-4301 13.5cm, 5-1/2"

DEBAKEY THORACIC TISSUE FORCEPS



34-8272

2.7MM TIP DIAMETER

34-8272 21cm, 8-1/4"

BONNEY TISSUE FORCEPS



51-9775

1X2 TEETH

51-9775 17cm 6-3/4"



FORCEPS
New Additions

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

GENERAL TISSUE FORCEPS TC



51-9782



STANDARD INSERT

51-9782 14.5cm, 5-3/4" TC

51-9786 16cm, 6-1/4" TC

RETROGRADE AMALGAM CARRIER

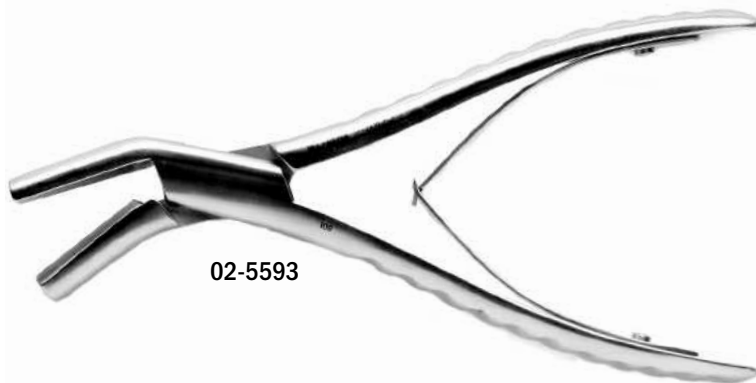


09-0062

1MM TIP

09-0062 12.5cm, 5"

MARCHAC BONE BENDING PLIERS



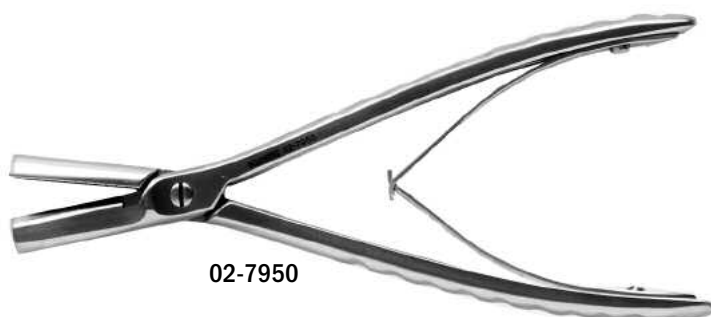
02-5593

PEDIATRIC

02-5593 18.5cm, 7-1/4"

This modification of Tessier's bone bending plier has been designed smaller in size in order to meet the special requirements in pediatric craniofacial surgery.

OBWEGESER BONE CONTOURING FORCEPS



02-7950

CONCAVE

02-7950 16.5cm, 6-1/2"

CONVEX

02-7955 16.5cm, 6-1/2"

DINGMAN BONE HOLDING FORCEPS



LIGHT PATTERN

27-0066 19cm, 7-1/2"

HEAVY PATTERN

27-0067 19cm, 7-1/2"

TESSIER BONE HOLDING FORCEPS



LIGHT PATTERN

02-5155 19cm, 7-1/2"

Used as a pair, sold separately

JETER-VAN SICKELS COMPRESSION CLAMP



01-8460 13.5cm, 5-1/4"

This clamp allows firm grip on bone fragments. Assists in compression prior to plating (pre-loading).

TESSIER DISIMPACTION FORCEPS



CHILD, LEFT

02-5325 22cm, 8-3/4"

CHILD, RIGHT

02-5327 22cm, 8-3/4"

TURVEY MAXILLARY PALATAL EXPANDER



01-0233

01-0233 18cm, 7"

MESSER TMJ CONDYLAR HEAD DISTRACTOR



01-7930

01-7930 18cm, 7"

Designed to transcutaneously clamp the angle of the mandible to distract the ascending ramus and condylar head. Large bows prevent soft tissue crushing.

EXTRACTING FORCEPS #10AS



09-0451

UPPER MOLAR

09-0451

EXTRACTING FORCEPS #1251E



09-0550

UPPER ROOTS

09-0550

EXTRACTING FORCEPS #18R



09-0456

UPPER MOLAR

09-0456

EXTRACTING FORCEPS #222



09-0475

LOWER MOLAR

09-0475



EXTRACTING FORCEPS #MD3



09-0481

LOWER ANTERIOR, CUSPID & BICUSPID

09-0481



EXTRACTING FORCEPS #74N



09-0496

LOWER INCISOR

09-0496



FORCEPS
New Additions

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

EXTRACTING FORCEPS HENAHAN #1



09-0450



UPPER INCISOR

09-0450

EXTRACTING FORCEPS ROUTURIER #126R



09-0500



LOWER THIRD MOLAR

09-0500 RIGHT, #126R

09-0501 LEFT, #126L

EXTRACTING FORCEPS #LM



09-0538



LOWER MOLAR

09-0538

EXTRACTING FORCEPS #22



09-0491



LOWER MOLAR

09-0491

EXTRACTING FORCEPS #53R



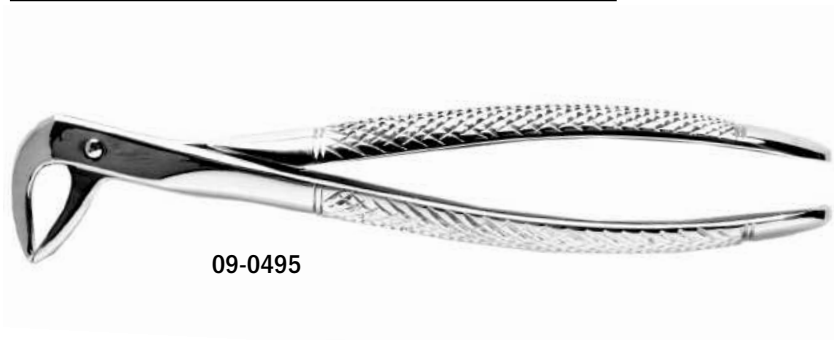
09-0458

UPPER MOLAR

09-0458 RIGHT, #53R

09-0459 LEFT, #53L

EXTRACTING FORCEPS #74



09-0495



LOWER ROOT & BICUSPID

09-0495

EXTRACTING FORCEPS #17H

Image Not Available

SP-1257

LOWER MOLAR

SP-1257

FORCEPS
New Additions

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

MICRO MOSQUITO FORCEPS



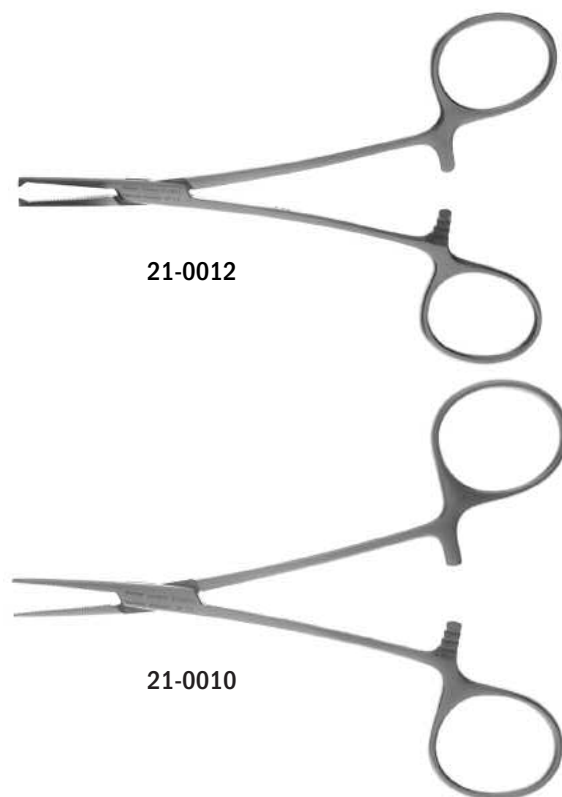
22-1004

CURVED

22-1004 10cm, 4"



HALSTED MOSQUITO FORCEPS



21-0012

21-0010

1 X 2 TEETH STRAIGHT

21-0012 12.5cm, 5"



DELICATE

STRAIGHT

22-0007 12cm, 4-3/4"

CURVED

22-0008 12cm, 4-3/4"

22-0016 14cm, 5-1/2"

22-0010 18cm, 7"



STRAIGHT

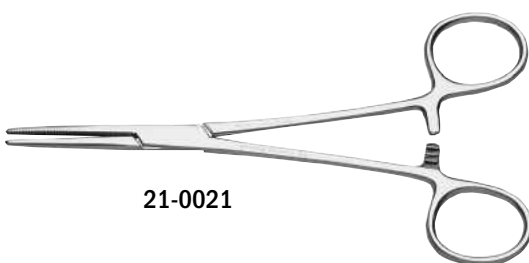
21-0010 12.5cm, 5"

CURVED

21-0011 12.5cm, 5"



CRILE FORCEPS



21-0021

STRAIGHT

21-0019 14cm, 5-1/2"

21-0021 16cm, 6-1/4"

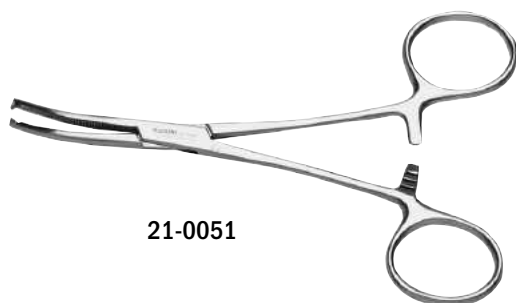
CURVED

21-0020 14cm, 5-1/2"

21-0022 16cm, 6-1/4"



KOCHER FORCEPS



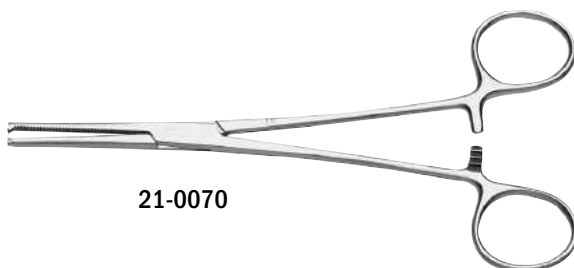
21-0051

1 X 2 TEETH			
STRAIGHT		CURVED	
21-0049	14cm, 5-1/2"	21-0051	14cm, 5-1/2"



FORCEPS

ROCHESTER – OCHSNER FORCEPS



21-0070

STRAIGHT		CURVED	
21-0070	16cm, 6-1/4"	21-0077	20cm, 8"
21-0071	18cm, 7"		



PROVIDENCE HOSPITAL FORCEPS



21-0024

STRAIGHT		CURVED	
21-0023	14cm, 5-1/2"	21-0024	14cm, 5-1/2"



ROCHESTER – PEAN FORCEPS



21-0058

CURVED

21-0064	16cm, 6-1/4"
21-0065	18cm, 7"
21-0066	20cm, 8"
21-0067	22cm, 8-3/4"

STRAIGHT

21-0058	20cm, 8"
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STRAIGHT, DELICATE

22-0018	14cm, 5-1/2"
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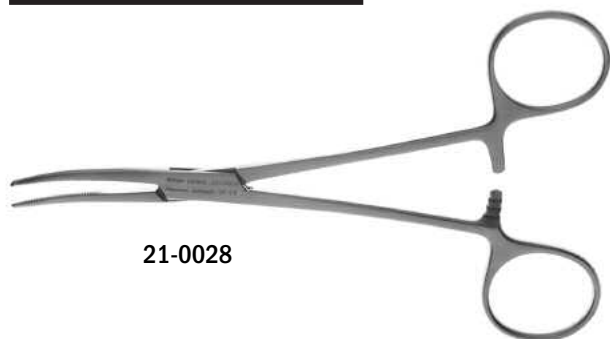
1-800-874-7711

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Lorenz Instrumentation

KELLY FORCEPS



21-0028

STRAIGHT

21-0027 14cm, 5-1/2"

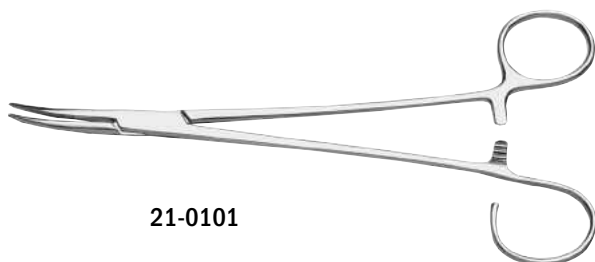


CURVED

21-0028 14cm, 5-1/2"



SCHNIDT FORCEPS



21-0101

KELLY - RANKIN CURVED

21-0030 16cm, 6-1/4"

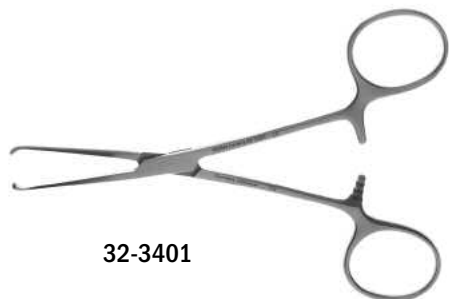


CLOSED RING SLIGHT- LY CURVED

21-0101 19cm, 7-1/2"



BABY – ALLIS TISSUE FORCEPS



32-3401

4 X 5 TEETH

32-3401 14cm, 5-1/2"



ALLIS FORCEPS



32-3403

4 X 5 TEETH

32-3402 15cm, 6"



5 X 6 TEETH

32-3403 15cm, 6"



DEBAKEY FORCEPS



34-8310

2.0 MM ANGLED

34-8310 15cm, 6"

DEBAKEY FORCEPS



34-8300

2.0 MM

34-8300 15cm, 6"

34-8302 19.5cm, 7-3/4"

DEBAKEY TISSUE FORCEPS TC



51-9801

FINE INSERT

1.5 MM

51-9801 15cm, 6" TC

51-9806 19.5cm, 7-3/4" TC

2.0 MM

51-9800 15cm, 6" TC

51-9805 19.5cm, 7-3/4" TC

DEBAKEY-LORENZ NEEDLE PULLING TISSUE FORCEPS TC



51-9815

FINE INSERT 2 X 4 TEETH

1.5 MM

51-9815 19.5cm, 7-3/4" TC

TOWEL FORCEPS



19-0005

BACKHAUS

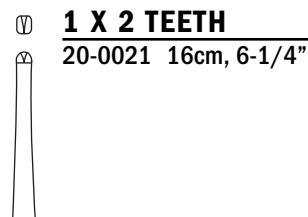
19-0005 9cm, 3-1/2"

19-0007 13.5cm, 5-1/2"

TISSUE FORCEPS



20-0021



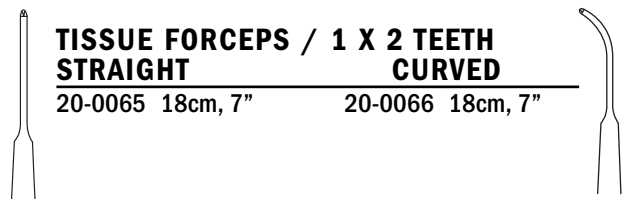
1 X 2 TEETH

20-0021 16cm, 6-1/4"

GERALD FORCEPS



20-0065



TISSUE FORCEPS / 1 X 2 TEETH STRAIGHT CURVED

20-0065 18cm, 7" 20-0066 18cm, 7"

DRESSING FORCEPS/SERRATED STRAIGHT CURVED

20-0064 18cm, 7" 20-0164 18cm, 7"

BAYONET DRESSING FORCEPS SERRATED

20-0165 19cm, 7 1/2"

TISSUE FORCEP 1 X 2 TEETH

20-0166 19cm, 7 1/2"

GERALD FORCEPS TC



51-9859



FINE INSERT

51-9859 17cm, 6-3/4" TC

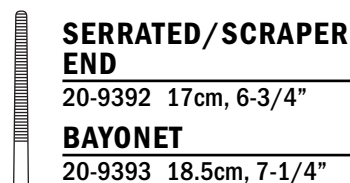
STANDARD INSERT 1 X 2 TEETH

51-9860 17cm, 6-3/4" TC

CUSHING DRESSING FORCEPS



20-9392



SERRATED/SCRAPER END

20-9392 17cm, 6-3/4"

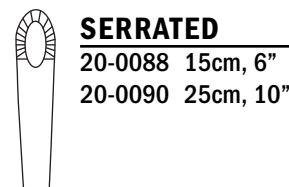
BAYONET

20-9393 18.5cm, 7-1/4"

RUSSIAN TISSUE FORCEPS



20-0090



SERRATED

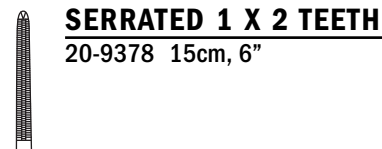
20-0088 15cm, 6"

20-0090 25cm, 10"

GILLIES FORCEPS



20-9378



SERRATED 1 X 2 TEETH

20-9378 15cm, 6"

GRAEFE FORCEPS



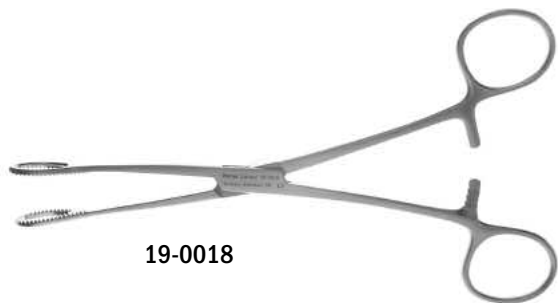
02-0155



STRAIGHT WITHOUT CATCH

02-0155 11cm, 4-1/2"

FOERSTER SPONGE FORCEPS



19-0018



SERRATED STRAIGHT

19-0018 18cm, 7"
19-0019 25cm, 10"

BISHOP – HARMON FORCEPS



02-0146



SERRATED 1 X 2 TEETH

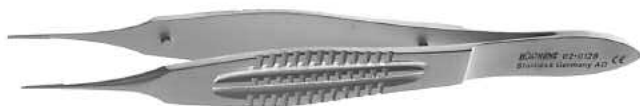
02-0146 8.5cm, 3-1/2" Standard

02-0148 8.5cm, 3-1/2" Standard

02-0149 8.5cm, 3-1/2" Micro



CASTROVIEJO FORCEPS



02-0128



02-0143



1 X 2 WIDE HANDLE

02-0128 0.5mm Teeth, 10cm, 4"

1 X 2 STANDARD

02-0142 0.5mm Teeth, 10cm, 4"

02-0143 0.9mm Teeth, 10cm, 4"



MICRO – ADSON FORCEPS



04-0061



DRESSING FORCEPS SERRATED

04-0060 15cm, 6"

TISSUE FORCEPS 1 X 2 TEETH

04-0061 15cm, 6"



SALYER ADSON FORCEPS



02-8438



DELICATE 1 X 2 TEETH

02-8438 12cm, 4-3/4"

ADSON DRESSING FORCEPS



20-0053



20-0170

DRESSING FORCEPS



20-0004

REES INSULATED FORCEPS



02-0461

FOX FORCEPS



09-0190



09-0189

MCINDOE FORCEPS



02-0135

IRIS FORCEPS



20-0083

SERRATED

20-0053 12cm, 4-3/4"



DELICATE

20-0059 12cm, 4-3/4"



BAYONET-SERRATED

20-0170 19.5cm, 7-3/4"

CROSS-SERRATED

20-0063 12cm, 4-3/4"



SERRATED

20-0004 16cm, 6-1/4"



SERRATED DELICATE

20-0014 18cm, 7"

20-0015 20cm, 8"



02-0461 20cm, 8"

REES SMAS

02-0463 15.5cm, 6"

WITH CATCH CURVED

09-0190 15cm, 6"



WITHOUT CATCH

09-0189 15cm, 6"



SERRATED

02-0135 15cm, 6"



1 X 2 TEETH HALF CURVED

20-0083 10cm, 4"



1 X 2 TEETH STRAIGHT

20-0082 10cm, 4"

1 X 2 TEETH FULL CURVED

20-0084 10cm, 4"



DESMARRES CHALAZION FORCEPS



09-0121



MEDIUM

09-0120 9cm, 3-1/2"



LARGE

09-0121 9cm, 3-1/2"

GREEN FIXATION FORCEPS



02-0153

SERRATED

02-0152 5mm, 10cm, 4"

02-0153 10mm, 10cm, 4"



JEWELERS FORCEPS



04-0071

STYLE 3

04-0070 12cm, 4-3/4"



STYLE 3 C

04-0071 11cm, 4-1/2"



STYLE 4

04-0074 11cm, 4-1/2"



STYLE 5

04-0072 11cm, 4-1/2"



STYLE 7

04-0073 11cm, 4-1/2"



GREGORY FORCEPS TC



51-9927

STANDARD

51-9927 18cm, 7" TC



CUSHING FORCEPS TC



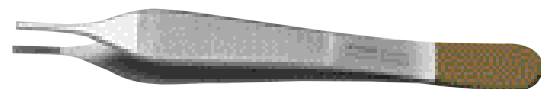
51-9712

STANDARD INSERT ANGLED, 1 X 2 TEETH

51-9712 18cm, 7" TC



ADSON BROWN TISSUE FORCEPS TC



51-9765

STANDARD INSERT 6 X 8 TEETH

51-9765 12cm, 4-3/4" TC

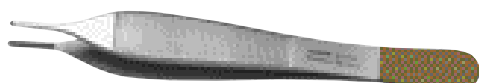
51-9767 15cm, 6" TC



NO TC

20-0057 12cm, 4-3/4"

ADSON FORCEPS TC



51-9760

STANDARD INSERT

51-9760 12cm, 4-3/4" TC

SMOOTH INSERT

51-9761 12cm, 4-3/4"

ADSON TISSUE FORCEPS TC



51-9771

STANDARD INSERT 1 X 2 TEETH

51-9770 12cm, 4-3/4" TC

51-9772 15cm, 6" TC

51-9773 15cm, 6" TC

MICRO TISSUE FORCEPS FINE INSERT 1 X 2 TEETH

51-9771 12cm, 4-3/4" TC

ADSON TISSUE FORCEPS



20-0054

1 X 2 TEETH

20-0054 12cm, 4-3/4"

1 X 2 DELICATE

20-0055 12cm, 4-3/4"

1 X 2 TEETH TYING PLATFORM

20-0155 12cm, 4-3/4"

SEMKEN TISSUE FORCEPS TC



51-9780

MICRO/FINE INSERT 1 X 2 TEETH

51-9785 16cm, 6-1/4" TC

51-9789 18cm, 7" TC

STANDARD INSERT 1 X 2 TEETH

51-9780 14.5cm, 5-1/2" TC

51-9784 16cm, 6-1/4" TC

POTTS - SMITH FORCEPS TC



51-9748

STANDARD INSERT

51-9748 18.5cm, 7-1/4" TC

POTTS - SMITH FORCEPS



20-0075

1 X 2 TEETH

20-0075 18cm, 7"

GILLIES TISSUE FORCEPS TC



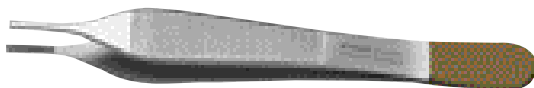
51-9858

STANDARD INSERT 1 X 2 TEETH

51-9858 15cm, 6" TC



SKINNER TISSUE FORCEPS TC



51-9865

MICRO

51-9869 23cm, 9"

STANDARD INSERT 1 X 2 TEETH

51-9865 23cm, 9" TC



GENERAL FORCEPS TC



51-9724

DELICATE INSERT

51-9724 14.5cm, 5-3/4" TC

DELICATE 1 X 2 TEETH

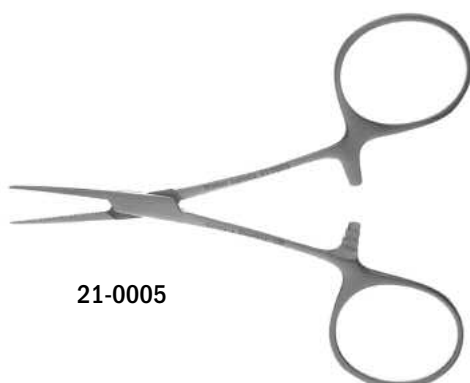
51-9788 18cm, 7" TC



STANDARD INSERT 1 X 2 TEETH

51-9790 18cm, 7" TC

HARTMAN MOSQUITO FORCEPS



21-0005

STRAIGHT

21-0005 9 cm, 3-1/2"



CURVED

21-0006 10cm, 4"



STRAIGHTENING FORCEPS



02-0077

WALSHAM SEPTUM

02-0076 22.5cm, 8-3/4"



ASCH SEPTUM

02-0077 22.5cm, 8-3/4"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

TESSIER GRAFT SITE EXPANDER



02-5345 18cm, 7"

The thin angled blades are introduced into the osteotomy lines when access is difficult or when pulling with bone holding forceps is not convenient. Their pushing effect can be used:

- behind the lateral orbital rim (telorbitism)
- behind the zygomatic bone (fracture)
- through the frontal process of the maxilla for lowering the upper jaw or lifting up the orbit (after a LeFort I type maxillotomy)
- Inside an L shape osteotomy of the ramus, made through the mouth of the body of the mandible through an infra-mandibular approach.

REES BAYONET FORCEPS TC



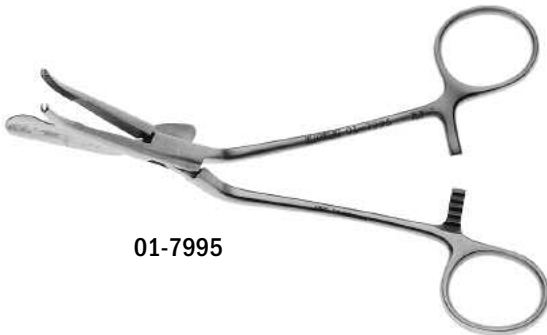
51-9846

BAYONET

51-9846 14cm, Std, TC

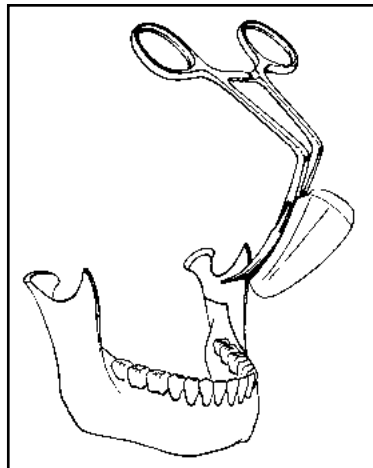
51-9848 16.5cm, Std, TC

OBWEGESER RAMUS CLAMP



01-7995

These are self-retaining clamps, used on the ascending ramus of the mandible with an extension on one of the blades to aid in retracting the soft tissue of the cheek.



NARROW LEFT

01-7995 19.5cm, 7-3/4"

RIGHT

01-7994 19.5cm, 7-3/4"

WIDE LEFT

01-7997 19.5cm, 7-3/4"

RIGHT

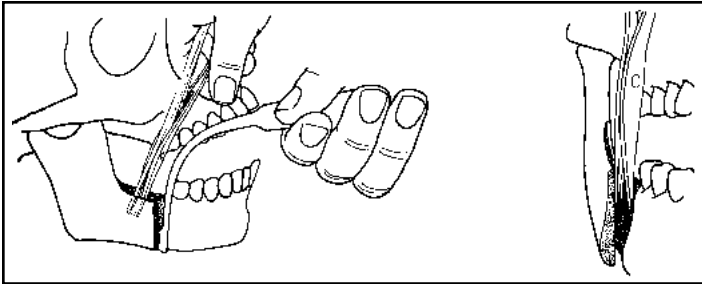
01-7996 19.5cm, 7-3/4"

SMITH RAMUS SEPARATOR



01-0443 22cm, 8-3/4"
w/o Ratchet

01-0458 22.5cm, 8-3/4"
with Ratchet



In conjunction with the Smith Sagittal Split Separators, allows controlled separation of the superior ramus osteotomy cut. Its unique blade action exerts force over a broad surface area for maximum control. This instrument is also useful in "down fracturing" the maxilla by placement at the zygomatic buttress osteotomy cut.

ROWE'S MAXILLARY DISIMPACTION FORCEPS



LEFT

01-0247 23cm, 9"

RIGHT

01-0248 23cm, 9"

WOLFORD SAGITTAL CLAMP



01-0422 25cm, 9-3/4"

REES PLATYSMA FORCEPS



1 X 2 TEETH

02-0460 20cm, 8"

COTTON PLIERS



SERRATED

09-0192 #4 16cm, 6-1/4"

09-0193 #5 15cm, 6"

SMOOTH

09-0184 #5 15cm, 6"

1-800-874-7711

904-741-4400

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D'ASSUMPCAO FLAP MARKER



02-9116

02-9116 15cm, 6"

TESSIER MAXILLARY MOBILIZER



02-5350

LEFT

02-5355 15cm, 6"

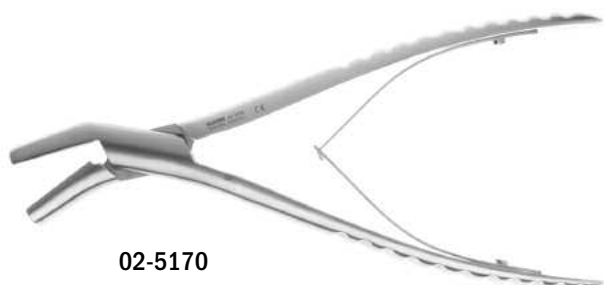
RIGHT

02-5350 15cm, 6"

The Maxillary Mobilizers are used in LeFort I, II and III procedures.

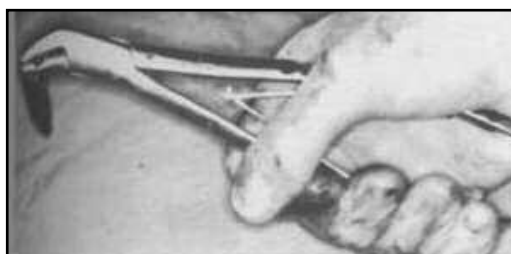
After the separation of the maxilla from the pterygoid processes, they are used alternatively on the other side to rotate and advance the maxilla or mid face, thus breaking or stretching the last resistances of the bone or scar tissue. A proper curvature of the thin blade allows passing below the zygomatic bone.

TESSIER BONE BENDING FORCEPS



02-5170

02-5170 22cm, 8-3/4"



These forceps are used for bending ribs and iliac grafts, and also to split calvarial grafts to proper curvature. The serrated blades work in a semi-parallel action. The blades are short, however, they work close to the box lock for increased pressure.

The angulation of the blades facilitates handling and allows a better view of the graft when carving.

JETER – VAN SICKELS BONE CLAMP



01-8463

For use in the sagittal split procedure. Holds the proximal and distal segments in a stable position to facilitate screw placement for rigid fixation.

LIGHT

01-8463 18cm, 7"

REYNEKE SAGITTAL SPLIT SEPARATOR



01-0473

SMALL / 9 X 10 MM RIGHT

01-0471 19.5cm, 7-3/4" TC

LEFT

01-0472 19.5cm, 7-3/4" TC

LARGE / 9 X 15 MM RIGHT

01-0473 19.5cm, 7-3/4" TC

LEFT

01-0474 19.5cm, 7-3/4" TC

SMITH SAGITTAL SPLIT SEPARATOR



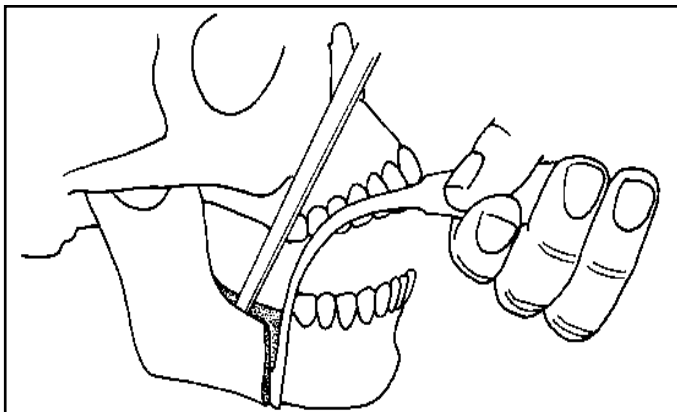
01-0441

9 X 10 MM CURVED RIGHT

01-0441 18cm, 7" TC

CURVED LEFT

01-0442 18cm, 7" TC



Designed to allow controlled splitting of the mandibular inferior border through the limited access of the envelope incision. The separators facilitate application of precise force necessary to separate the mandibular segments in a controlled fashion.

HARGIS SELF – RETAINING CORONOID CLAMP



01-0145

The retraction of the tissues on the anterior border of the ramus of the mandible eliminates much of the fatigue and tedium of the mid-sagittal osteotomy. This instrument:

- Retracts the tissues positively
- Maintains its fixed position
- Safeguards against trauma of rotary instrument to soft tissues.



01-0145 8.5cm, 3-1/2"

REPLACEMENT CHAIN

01-0146



JOSEPH CORONOID CLAMP



01-8414

01-8414 16cm, 6-1/4"

FERRIS-SMITH TISSUE FORCEPS TC



51-9777



REGULAR INSERT

51-9777 17cm, 6-3/4" TC

EXTRACTING FORCEPS #150, #150A, #150S, #151S, #150C



09-0527

PEDIATRIC #150C

09-0535 15cm, 6"



UPPER INCISOR AND CUSPID #150

09-0437 17.5cm, 7"



UPPER INCISOR AND CUSPID #150A

09-0438 17.5cm, 7"



LOWER #151S

09-0526 15cm, 6"



UPPER #150S

09-0527 15cm, 6"



UPPER INCISOR AND CUSPID #150 DIAMOND COATED

51-1500 17.5cm, 7" TC

NEVIUS EXTRACTING FORCEPS



09-0435



INCISOR / CUSPID #10S

09-0435 17.5cm, 7"



09-0436



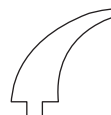
INCISOR / CUSPID #10

09-0436 17cm, 6-3/4"

EXTRACTING FORCEPS #23, #23C



09-0472



LOWER MOLAR #23

09-0472 16.5cm, 6-1/2"

PEDIATRIC #23C

09-0536 16.5cm, 6-1/2"

EXTRACTING FORCEPS #1A STANDARD, #99C



09-0448



UPPER INCISOR / BICUSPID / CUSPID 99#

09-0448 17.5cm, 7"



STANDARD / UPPER INCISOR / CUSPID 1A#

09-0449 19cm, 7-1/2"

EXTRACTING FORCEPS #33, #13

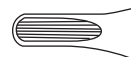


09-0498



LOWER ROOT #33

09-0498 15.5cm, 6"



LOWER BICUSPID #13

09-0499 15.5cm, 6"

EXTRACTING FORCEPS, #150AS, #151AS



09-0507



UPPER #150AS

09-0507 15.5cm, 6"



09-0508



LOWER #151AS

09-0508 15.5cm, 6"

LOWER INCISORS / CUSPIDS



09-0485

09-0485 15cm, 6"

LOWER / UPPER INCISOR / CUSPIDS



09-0484

09-0484 15cm, 6"

UPPER LATERALS AND CANINES



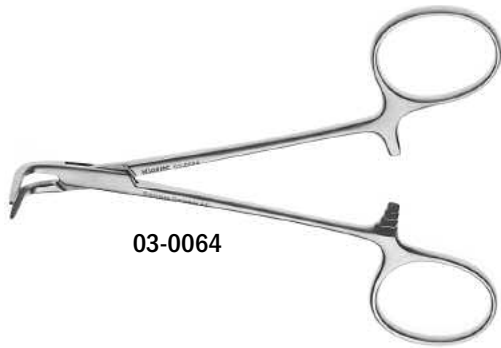
09-0486

09-0486 15cm, 6"

Our special Extracting Forceps patterns have tapered beaks.

- Avoiding damage to the periodontal structures.
- Allowing easier insertion below the gum line.
- Providing excellent purchase on the root.
- Causing less trauma to the tissue.

RIGHT ANGLE MOSQUITO HEMOSTAT



03-0064

RIGHT ANGLE

03-0064 11cm, 4-1/2"

EXTRACTING FORCEPS #151, #151A, #151C



09-0466

#151 DIAMOND COATED

51-1510 16.5cm, 6-1/2"

PEDIATRIC #151C

09-0540 16.5cm, 6-1/2"

LOWER INCISOR AND BICUSPID #151

09-0466 16.5cm, 6-1/2"

#151A

09-0467 17cm, 6-3/4"

EXTRACTING FORCEPS #88L, #88R



09-0454



UPPER MOLAR #88L

09-0454 18.5cm, 7-1/2"

#88R

09-0455 18.5cm, 7-1/4"



SIMPSON 150X, 151X



09-0503

09-0503 150X, Upper 17.5cm, 7"

09-0504 151X, Lower 17cm, 6-3/4"

EXTRACTING FORCEPS #89, #90



09-0460

UPPER COWHORN #89

09-0460 17cm, 6-3/4"

#90

09-0461 16.5cm, 6-1/2"



FORCEPS

1-800-874-7711

904-741-4400

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EXTRACTING FORCEPS #65, #286



09-0445



**UPPER ROOT AND INCISOR
#65 ENGLISH TYPE**

09-0445 18.5cm, 7-1/4"

#286 ENGLISH TYPE

09-0446 18.5 cm, 7-1/4"



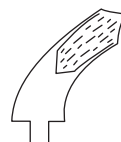
EXTRACTING FORCEPS #217



09-0478

LOWER MOLAR #217

09-0478 17cm, 6-3/4"



EXTRACTING FORCEPS #145



09-0511



**LOWER ROOT/INCISOR
#145**

09-0511 16.5cm, 6-1/2"

WOODWARD EXTRACTING FORCEPS



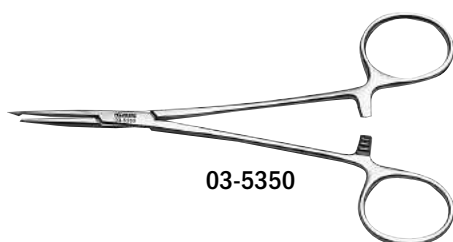
09-0473



LOWER MOLAR #3F

09-0473 16.5cm, 6-1/2"

TENDON INTERLACING FORCEPS



03-5350



STRAIGHT

03-5350 15cm, 6"

CURVED

03-5355 15cm, 6"



MICRO VESSEL STRETCHER/DILATOR



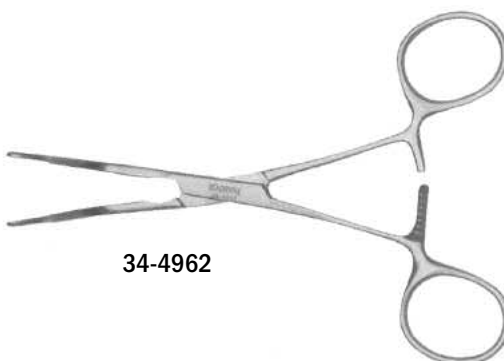
04-4324

04-4324 11cm, 4-1/2"

GREGORY PROFUNDA CLAMP



34-4960



34-4962

BABY

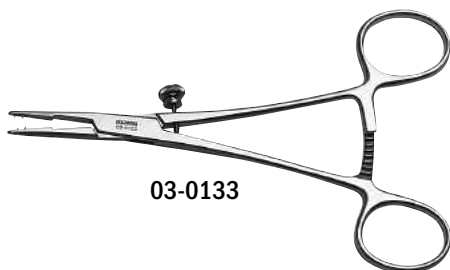
34-4960 12cm, 4-3/4"

STANDARD

34-4962 17cm, 6-3/4"

FORCEPS

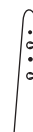
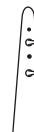
STEINMAN TENDON HOLDING FORCEPS



03-0133

STRAIGHT

03-0133 15cm, 6"



1-800-874-7711

904-741-4400

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Lorenz Instrumentation

NEEDLE HOLDERS

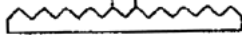


TUNGSTEN CARBIDE INSTRUMENTS INSERT STYLES

COARSE

PEAK-TO-PEAK

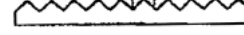
0.65
MM



DEEPER CUTS

VALLEY-TO-VALLEY

0.65
MM



LASTS LONGER



0.65 Equals 1,500 teeth PSI

This coarse insert is placed in the most powerful standard patterns and assures maximum holding ability.

STANDARD



0.5 Equals 2,600 teeth PSI

This tooth size is ideal for use in needle holders like Mayo-Hegar. For holding large needles with sutures sized 3-0 and larger. Will hold securely. This model is **not** recommended for use with finer sutures or needles.

FINE



0.4 Equals 4,000 teeth PSI

This tooth size is best for use in needle holders such as Crile-Wood, Halsey, DeBaKey, etc. For holding needles and sutures between 4-0 and 6-0. These finer tooth patterns will hold sutures effectively when instrument tying is desired.

MICRO



0.2 Equals 16,000 teeth PSI

This new micro size is extremely effective for use in Castroviejo, Microvascular, and other micro-oriented needle holders. For use with the most delicate needles and sutures from size 7-0 to 10-0. Excellent delicate needleholding ability with minimal to no damage to needle or suture.

SMOOTH



0.0 Equals 0 teeth PSI

The smooth insert is designed to hold the smallest suture sizes available today without damage to the suture or needle. Although some "needle-holding" ability is sacrificed with this insert, the longevity and quality of "suture holding" is at its highest. Used in plastic and micro-surgical needle holders.

NEEDLE HOLDERS

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

UNIVERSAL CRILE-WOOD NEEDLEHOLDER TC



51-6430

FINE INSERT

51-6430 18.5cm, 7-1/4" TC

LEMMON NEEDLEHOLDER TC



51-6630

MICRO INSERT

51-6630 14.5cm, 5-3/4" TC

OLSEN-HEGAR NEEDLEHOLDER TC



51-6748

NO TC SMOOTH INSERT

11-0030 12.5cm, 5"

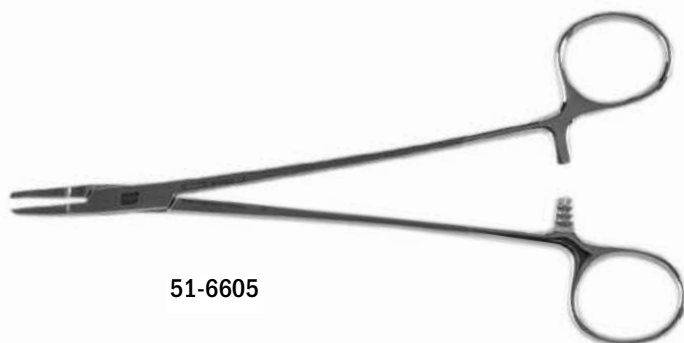
FINE INSERT

51-6748 11.5cm, 4-1/2" TC

51-6750 14cm, 5-1/2" TC

51-6752 17cm, 6-3/4" TC

RYDER NEEDLEHOLDER TC

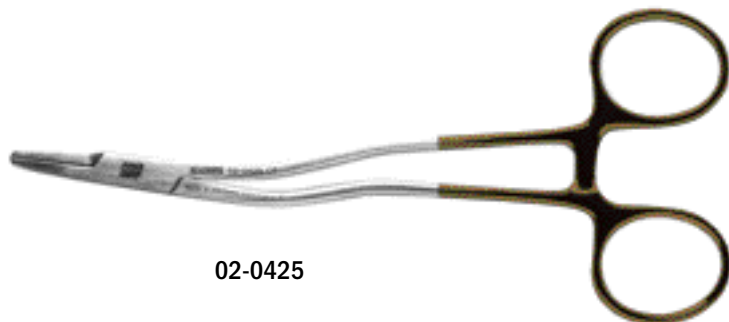


51-6605

FINE INSERT

51-6605 18cm, 7" TC

PHARYNGEAL NEEDLEHOLDER TC



02-0425

02-0425 15cm, 6" TC

HEGAR-BAUMGARTNER NEEDLEHOLDER TC



51-6505

STANDARD INSERT

51-6505 14.5cm, 5-3/4" TC

BABY CRILE-WOOD NEEDLEHOLDER TC



51-6506

FINE INSERT

51-6506 15cm, 6" TC

NEEDLE HOLDERS

UNIVERSAL MAYO-HEGAR NEEDLEHOLDER TC



51-6405

STANDARD INSERT

51-6405 16cm, 6-1/4" TC

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

MICRO NEEDLE HOLDER



04-4129

Spring-handled, spring pressure reduced. Jaws very fine, all sharp edges lightly rounded, to avoid damage to the finest needles and sutures. Can also be used for tying.

Round handles, for easy rotation by minimal movement of fingers.

**DIAMOND COATED
STRAIGHT**

04-4129 18cm, 7"

MICROVASCULAR NEEDLE HOLDER



04-4115

This pattern's jaws have been impregnated with diamond dust for optimum needle control without the aggressiveness sometimes associated with tungsten carbide jaws.

**WITHOUT CATCH
CURVED**

04-4125 14cm, 5-1/2"

**WITHOUT CATCH /
ROUND HANDLE
CURVED**

04-4115 18cm, 7"

MICRO NEEDLE HOLDER TC



51-6670

SMOOTH STRAIGHT

51-6665 14.5cm, 5-3/4" TC

51-6670 18cm, 7" TC

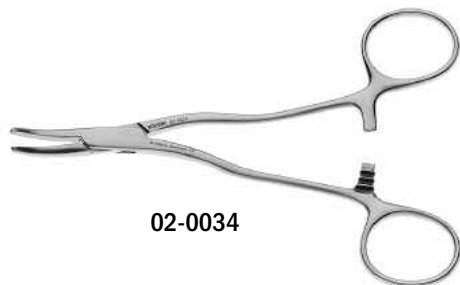
OBWEGESER MOD GILLIES NEEDLE HOLDER



11-0076

11-0076 13.5cm, 5-1/2"

JETER CLEFT PALATE NEEDLE HOLDER



02-0034

A hole in the jaw allows placement of the needle in a parallel axis with the jaws of the needle holder. The S-shaped shank and slightly curved jaws allow maximum access to the palate.

02-0034 14cm, 5-1/2"

HALSEY NEEDLE HOLDER TC



51-6500



SMOOTH INSERT

51-6500 13cm, 5" TC

FINE INSERT

51-6502 12.5cm, 5" TC



DERF NEEDLE HOLDER TC



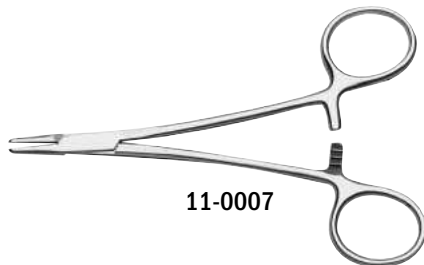
51-6501



FINE INSERT

51-6501 12.5cm, 5" TC

WEBSTER NEEDLE HOLDER



11-0007



SMOOTH JAW

11-0007 12.5cm, 5"

WEBSTER NEEDLE HOLDER TC



51-6611



DELICATE MICRO INSERT

51-6611 11.5cm, 4-1/2" TC

DELICATE SMOOTH INSERT

51-6612 11.5cm, 4-1/2" TC



MAYO – HEGAR NEEDLE HOLDER TC



51-6511



STANDARD INSERT

51-6511 16cm, 6-1/4" TC

51-6512 18cm, 7" TC

51-6513 20cm, 8" TC

NO TC

11-0016 16cm, 6-1/4"

CRILE – WOOD NEEDLE HOLDER TC**STRAIGHT, NO TC**

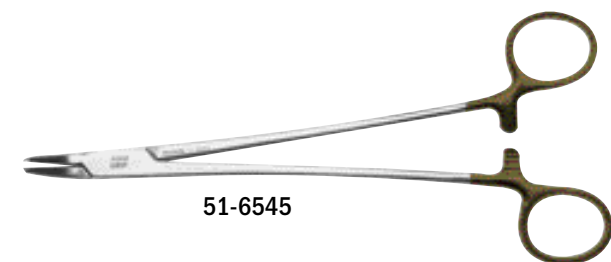
11-0020 15cm, 6"
11-0021 18cm, 7"

FINE INSERT STRAIGHT

51-6507 15cm, 6" TC
51-6508 18cm, 7" TC
51-6509 20cm, 8" TC

FINE INSERT CURVED

51-6522 15cm, 6"
51-6520 18cm, 7" TC

FINOCHIETTO NEEDLE HOLDER TC**STANDARD INSERT**

51-6545 21cm, 8-1/4" TC

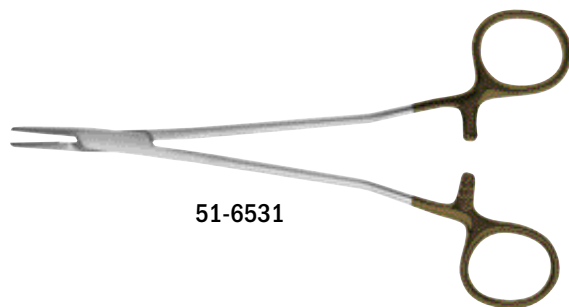
CASTROVIEJO NEEDLE HOLDER TC**MICRO STRAIGHT**

51-6650 14cm, 5-3/4" TC
51-6652 18cm, 7" TC
51-6654 22cm, 8-3/4" TC

HEAVY DUTY

51-6658 18.5cm, 7-1/4" TC

SAROT NEEDLE HOLDER TC



51-6531



FINE

51-6531 18cm, 7" TC

FRENCH – EYE NEEDLE HOLDER TC



51-6561



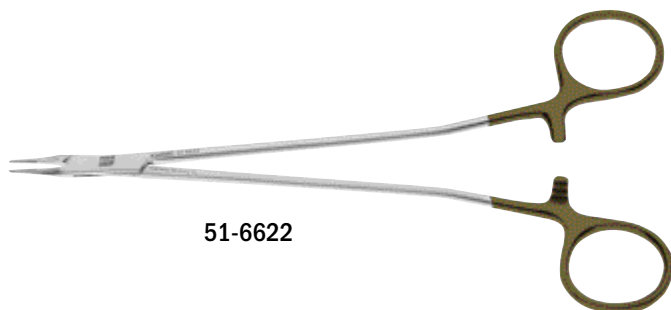
FINE

51-6561 15cm, 6" TC

51-6562 18cm, 7" TC

51-6563 20cm, 8" TC

EUPHRATE – PASQUE NEEDLE HOLDER TC



51-6622



SMOOTH

51-6620 14cm, 5-1/2" TC

51-6626 16cm, 6-1/4" TC

51-6628 18cm, 7" TC

51-6622 20cm, 8" TC

MICRO

51-6621 14cm, 5-1/2" TC

51-6627 16cm, 6-1/4" TC

51-6629 18cm, 7" TC

51-6623 20cm, 8" TC



JETER PHARYNGEAL NEEDLE HOLDER TC



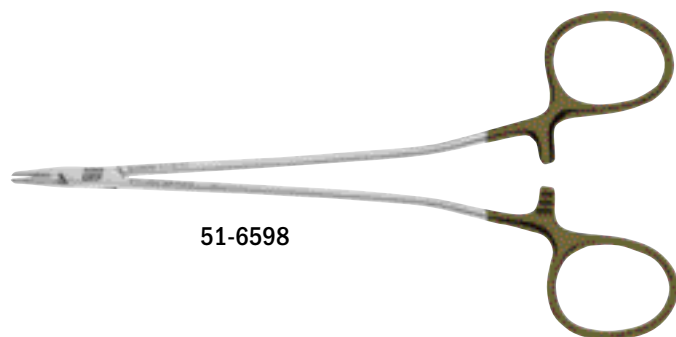
02-0035

STANDARD SLIGHTLY CURVED

02-0035 18cm, 7" TC

The tungsten carbide insert allows firm grasp of the needle while the S-shaped shank and slightly curved jaws afford better access to the pharynx.

LORENZ NEEDLE HOLDER TC



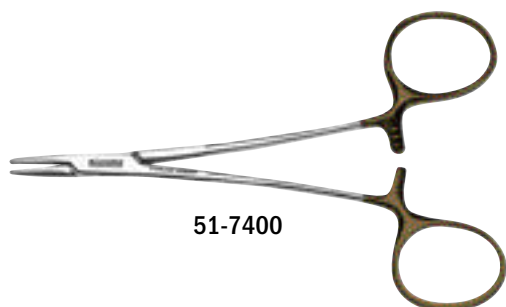
51-6598

DELICATE MICRO INSERT

51-6598 15cm, 6" TC



LEFT-HANDED NEEDLE HOLDERS TC



51-7400

CRILE-WOOD / FINE

51-7404 15cm, 6" TC



MAYO-HEGAR STANDARD

51-7410 18cm, 7" TC



WEBSTER / SMOOTH

51-7400 13cm, 5" TC



NEEDLE HOLDERS

RETRACTORS



LEVINE L&M RETRACTOR w/ FIBEROPTIC CLIP



01-0384

The built-in suction provides more room for the saw blade and allows better visibility when doing an osteotomy on the lateral surface of the mandibular ramus. It also frees the hand that would normally hold the suction.

KENT-WOOD INFERIOR BORDER RETRACTOR



01-0163

LEFT	RIGHT
01-0164	01-0163

BAUER RETRACTOR



01-0214

SUCTION & FIBER OPTIC CLIP	
LEFT	RIGHT
01-0214	01-0215

PETRI PTERYGOID RETRACTOR



01-0169

01-0169

WITH FIBEROPTIC CLIP
01-0170

RETRACTORS
New Additions

BALLARD RETRACTOR



01-0651

WITH FIBER OPTIC CLIP
01-0651

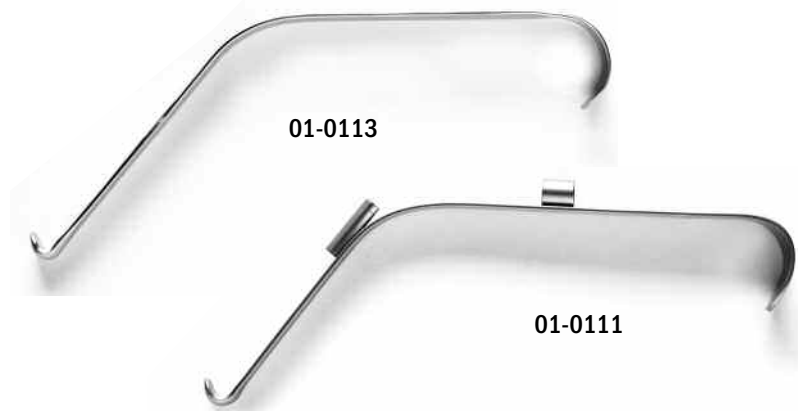
TESSIER TONGUE DEPRESSOR



02-5227

CHILD	ADULT
02-5227	02-5228

CHANNEL RETRACTOR



01-0113

01-0111

GROOVE
01-0113

MALLEABLE
01-0112

WITH FIBER OPTIC CLIP
01-0111

CONVERSE ALAR RETRACTOR

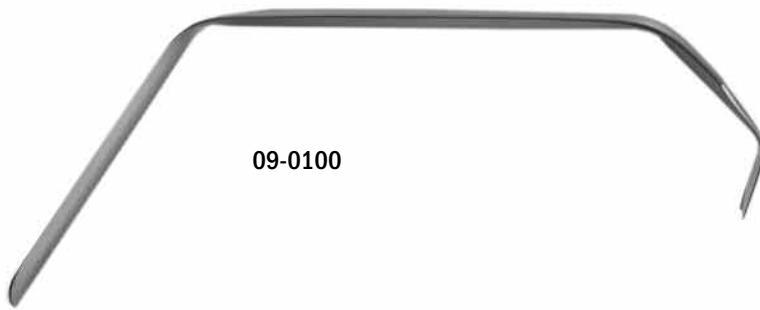


12-0072

12-0072

RETRACTORS
New Additions

APFEL RETRACTOR



09-0100

09-0100

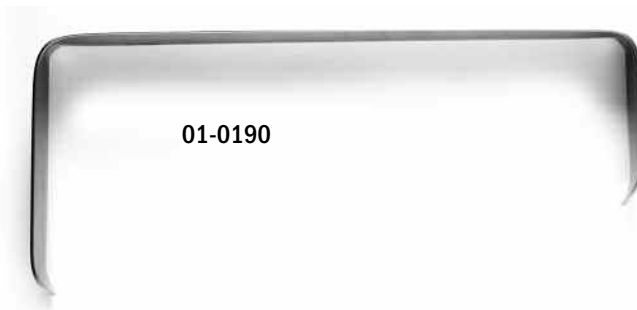
FONTANESI RETRACTOR



09-0104

09-0104

DAVIS NESTED RETRACTOR



01-0190

SET OF 3
01-0190

QUINN RETRACTOR



01-8322

01-8322

RETRACTORS
New Additions

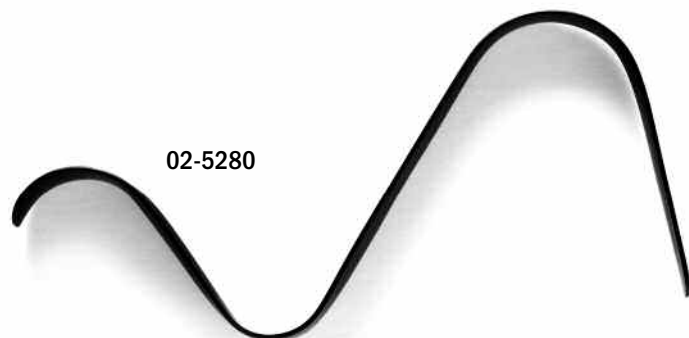
TESSIER SOFT TISSUE RETRACTOR



DOUBLE ENDED

02-5245

TESSIER DOUBLE-CURVED RETRACTOR



02-5270

02-5280

02-5270 Used for Latcro Nasal Osteotomy

02-5280 Used for exposure of the Nasal Dorsal

CRILE THYROID RETRACTOR



30-0009

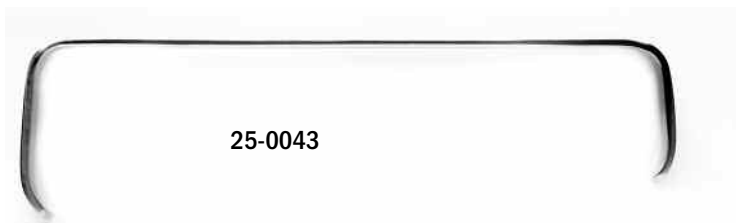
ROUX RETRACTOR



25-0113

RETRACTORS
New Additions

FARABEUF RETRACTOR



DOUBLE ENDED

25-0043

DAVIS BRAIN SPATULA



33-3784

MALLEABLE S/S

33-3784 10 x 178MM

33-3785 13 x 178MM

33-3788 25 x 178MM

MESSER TMJ RETRACTOR



01-7900

SMALL

01-7900

LARGE

01-7901

Double-ended, smooth, gently curved for retraction of soft tissue with inclusive vital structures.

MESSER CONDYLAR HEAD RETRACTOR



01-7920

01-7920 16cm, 6-1/4"

Cradles medial pole of the condylar head while shaft retracts soft tissue.

RETRACTORS
New Additions

MESSER GLENOID FOSSA RETRACTOR



01-7928

01-7928 21.5cm, 8-1/2"

Designed for unobstructed view of the glenoid fossa and articular eminence. Tip fits medial glenoid fossa and retracts condylar head.

TESSIER BONE HOOK



02-5290

02-5290

FINGER TRIGGER MUSCLE HOOK



02-0424

02-0424

TESSIER DESMARRES RETRACTOR



02-5293

02-5293 15CM, 6"

02-5294 15CM, 6"

RETRACTORS
New Additions

OBWEGESER INFERIOR BORDER RETRACTOR



01-7753

01-7753 9 x 12 x 30mm
01-7755 9 x 12 x 45mm
01-7760 9 x 12 x 60mm

This instrument is used to retract the soft tissues during transoral procedures involving the inferior border of the mandible.

ZUNIGA DINGMAN RETRACTOR



01-6902



01-6905

01-6907

01-6909

02-0057

COMPLETE INCLUDES

01-6902

TONGUE BLADE

01-6905 Small 55 x 25mm
01-6907 Medium 60 x 27mm
01-6909 Large 70 x 30mm

CHEEK BLADE

02-0057 with fiberoptic clip

VOLKMAN RETRACTOR



25-0031

SHARP 4 PRONG

25-0031 21cm, 8-1/2"

MATHIEU RETRACTOR



25-0012

DELICATE BLUNT

25-0012

RETRACTORS
New Additions

MARTIN NERVE ROOT RETRACTOR

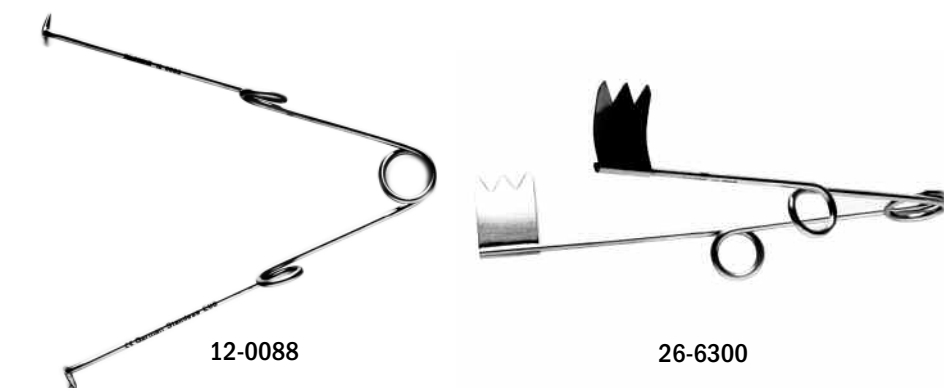


33-0065

ANGLED

33-0065

SPRING RETRACTOR



12-0088

26-6300

1X1 TEETH SHARP

12-0088

8.5cm, ??

12-0089

11.5cm, ??

3X3 TEETH SHARP

26-6300

4X4 TEETH SHARP

26-6310

HOEN NERVE HOOK



33-0090

STRAIGHT

33-0090

23cm, 9"

CUSHING NERVE HOOK



33-0124

33-0124

4MM

33-0125

6MM

ADSON DURA HOOK

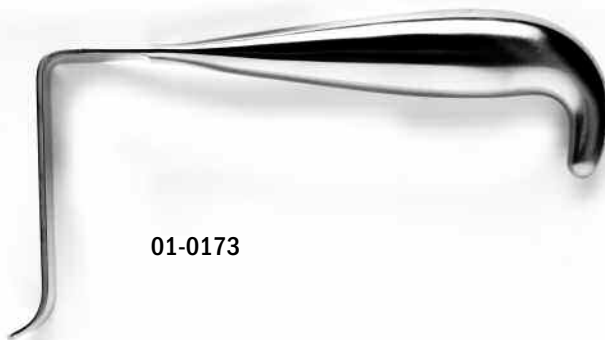


33-0120

BLUNT

33-0120 20cm, 8"

MUNRO LATERAL VERTICAL RAMUS RETRACTOR



01-0173

01-0173	25MM
01-0174	30MM

TESSIER ANTERIOR ILIAC CREST RETRACTOR



02-5140

02-5140	36 x 50MM
02-5150	59 x 50MM

RETRACTORS
New Additions

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

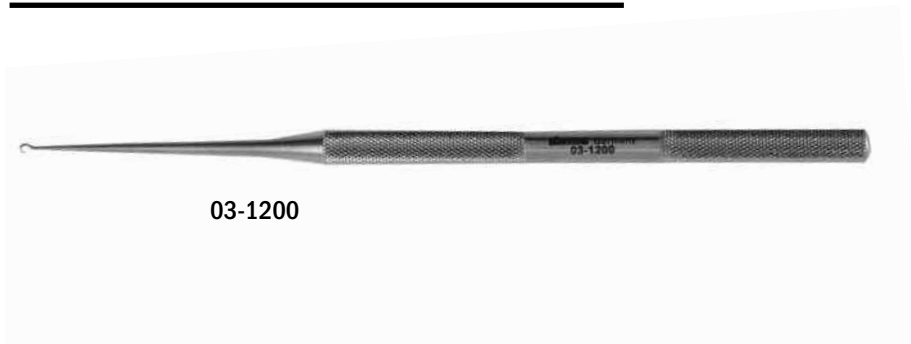
BONE HOOK



28-0620

28-0620

SKIN HOOK ROUND HANDLE



03-1200

1 PRONG	2 PRONG
03-1200	03-1210
03-1205	03-1218

MARCHAC BONE EXPANDER



02-5588

02-5588

This modification of Tessier's pediatric size bone expander is designed for widening bone clefts. The tapered blades of the spreader can be introduced into narrow gaps and a longitudinal serration of the surface prevents the working ends from slipping.

TESSIER RIB GRAFT RETRACTOR



02-5130

02-5130

TESSIER DILATOR



02-5025

ADULT	CHILD
02-5025 #1	02-5035 #1
02-5030 #2	02-5040 #2

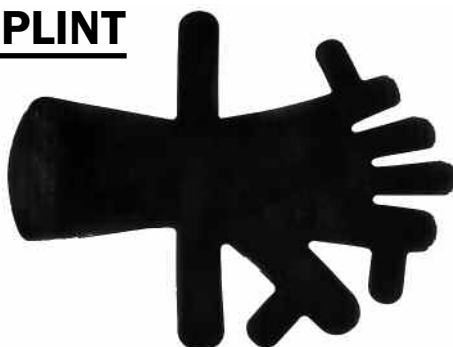
CHARNLEY INITIAL INCISION RETRACTOR



26-0037

26-0037	COMPLETE SET
26-0138	SMALL BLADE
26-0139	LARGE BLADE
26-0140	4 lb WEIGHT w/CHAIN
26-2000	DEEP BLADE, SMALL
26-2001	DEEP BLADE, LARGE

LEAD HAND SPLINT



03-0003

03-0003 ADULT SIZE

RETRACTORS
New Additions

1-800-874-7711

904-741-4400

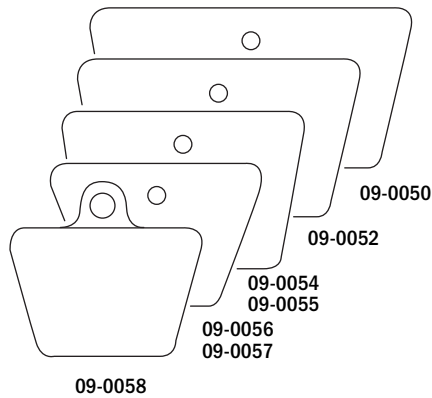
www.biometmicrofixation.com

Lorenz Instrumentation

MOUTH PROP



09-0054



09-0050 Large Edentulous, Black
09-0052 Large Adult, Black
09-0054 Adult, Black
09-0055 Adult, Tan
09-0056 Child, Black
09-0057 Child, Tan
09-0058 Small Child, Black
09-0048 Pediatric (not shown)

PLASTIC LIP RETRACTOR



09-0116



09-0135

ADULT

09-0116 12cm, 4-3/4"
09-0135 Self Retaining

CHILD

09-0117 11cm, 4-1/2"
09-0136 Self Retaining

SIMPLEX LIP RETRACTOR



09-0112

09-0112 11cm, 4-1/2"

JANSEN RETRACTOR



12-0086

3 X 3 TEETH BLUNT

12-0086 10cm, 4"



CHEEK RETRACTOR

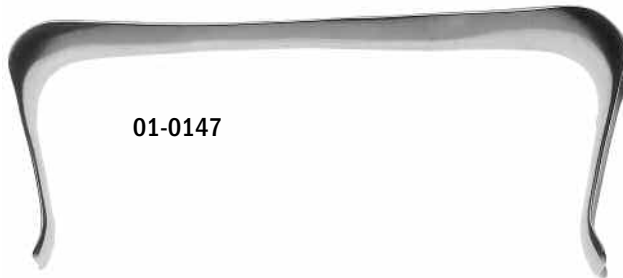


09-1114

WITH SWIVEL BLADE

09-1114 19cm, 7-1/2"

HARGIS CHEEK RETRACTOR



01-0147

01-0147 18.5cm, 7-1/4"

This contoured cheek and lip retractor permits wide exposure of oral surgical operative sites. Because the retractor's contour shields the commissures of the lip, trauma to the lips may be avoided.

WIRE LIP RETRACTOR



09-0131

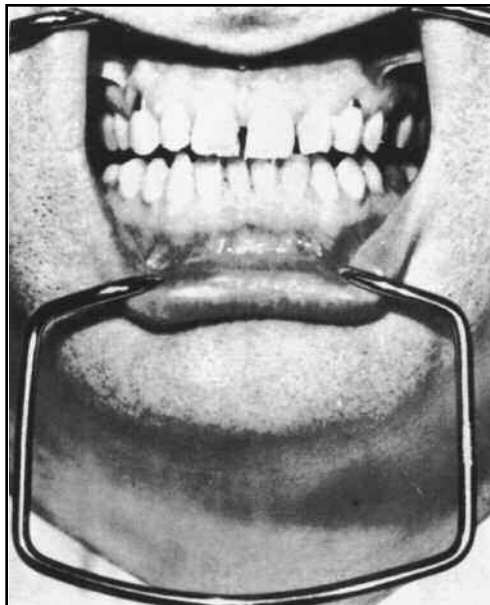
DOUBLE ENDED

09-0131 12cm, 4-3/4"

ORINGER LIP RETRACTOR



09-0128



09-0128 Lip Retractor

RETRACTORS

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

HENAHAN RETRACTOR



09-0086

DOUBLE ENDED

09-0078 Sizes 1&2 20.5cm, 8"
09-0079 Sizes 1&3 20.5cm, 8"
09-0080 Sizes 2&3 20.5cm, 8"
09-0081 Sizes 1&1 20.5cm, 8"
09-0082 Sizes 2&2 20.5cm, 8"
09-0083 Sizes 3&3 20.5cm, 8"
09-0084 Size 1 18cm, 7"
09-0085 Size 2 18cm, 7"
09-0086 Size 3 18cm, 7"

SHEARER RETRACTOR



09-0111

09-0111 15cm, 6"

BISHOP RETRACTOR



09-0113

09-0113 15cm, 6"

U OF M TONGUE DEPRESSOR AND CHEEK RETRACTOR



09-0103

09-0103 14cm, 5-1/2"

CAWOOD – MINNESOTA RETRACTOR



09-1595

09-1595 15.5cm, 6"

BYRD INSULATED RETRACTOR



09-0122

09-0122 19cm, 7-1/2"

WIEDER RETRACTOR



09-0105



SERRATED SMALL BLADE

09-0105 13.5cm, 5-1/2"

SERRATED LARGE BLADE

09-0106 15cm, 6"

EMBOSSED SMALL BLADE

09-0107 13.5cm, 5-1/2"

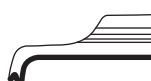
EMBOSSED LARGE BLADE

09-0108 15cm, 6"

AUSTIN TISSUE RETRACTOR

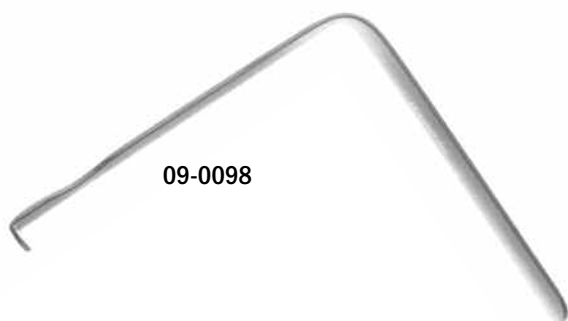


09-0096



09-0096 #2 7.5cm, 3"

KAY'S MODIFIED AUSTIN RETRACTOR



09-0098



09-0098 8.5cm, 3-1/2"

MOLT MOUTH GAG



09-0042

09-0043 Child Size 12cm, 4-3/4"

09-0042 Adult Size 14cm, 5-1/2"

REPLACEMENT RUBBER SHODS

09-0046 Adult Size

09-0047 Child Size

RETRACTORS

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

DENHARDT MOUTH GAG



09-0037

09-0037 12cm, 4-3/4"

DINGMAN MOUTH GAG



02-0060



02-0050
02-0051
02-0052

COMPLETE INCLUDES:

02-0060 Frame and 02-0050, 02-0051,
02-0052, 02-0057

TONGUE BLADE

02-0050 Small 26mm x 60mm
02-0051 Medium 29mm x 66mm
02-0052 Large 32mm x 75mm

CHEEK BLADE

02-0057 With Fiber Optic Clip,
Set of 2 - Not Shown

BOWDLER – HENRY’S RAKE RETRACTOR



09-0093

09-0093 16.5cm, 6-1/2"

GENERAL PURPOSE RETRACTOR



09-0134

WITH FIBER OPTIC CLIP

09-0134 15.5cm, 6"

TESSIER MALLEABLE RETRACTOR



02-5235

The Tessier Malleable Retractors are designed for use in general applications in the cranial and orbital cavities and can also be used in the mouth. These retractors are double ended with slightly different widths at either end of the blades.

They are black oxidized to prevent glare, particularly when working with a headlight.

DOUBLE ENDED-BLACK OXIDIZED

02-5230 Narrow 22cm, 8-3/4"

02-5235 Medium 22cm, 8-3/4"

02-5240 Wide 22cm, 8-3/4"

SET OF 3

02-5242 Set of 3

JACKSON TRACHEAL RETRACTOR



12-0052

DOUBLE ENDED

12-0052 17cm, 6-3/4"

LUER TRACHEAL RETRACTOR



12-0067

S-SHAPE

12-0067 11cm, 4-1/2"

AUFRICHT RETRACTOR



12-0070

12-0070 45x10mm 18cm, 7"

CONVERSE NASAL RETRACTOR



12-0071

12-0071 11cm, 4-1/2"

CONVERSE NESTED RETRACTOR



12-0074

12-0074 Size 1 9.5cm, 3-3/4"

12-0075 Size 2 9.5cm, 3-3/4"

12-0076 Size 3 9.5cm, 3-3/4"

12-0077 Size 4 9.5cm, 3-3/4"

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

OBWEGESER CHANNEL RETRACTOR



01-7745

01-7745 Small 8mm 16cm, 6-1/8"
01-7747 Large 10mm 16cm, 6-1/8"

OBWEGESER RETRACTOR



01-0095

TOE UP

01-0102 42 x 13mm 22cm, 9"
01-0103 60 x 12mm 22cm, 9"
01-0104 80 x 16mm 22cm, 9"

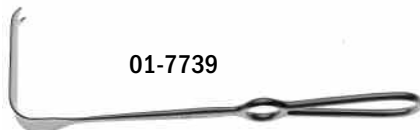
TOE DOWN

01-0094 31 x 10mm 22cm, 9"
01-0095 25 x 7mm 22cm, 9"
01-0096 42 x 11mm 22cm, 9"
01-0097 55 x 12mm 22cm, 9"
01-0098 70 x 14mm 22cm, 9"
01-0099 80 x 16mm 22cm, 9"

LESS TRAUMATIC

01-7700 25 x 7mm 22cm, 9"	01-7713 16 x 5mm 22cm, 9"
01-7702 35 x 10mm 22cm, 9"	01-7715 25 x 7mm 22cm, 9"
01-7704 42 x 10mm 22cm, 9"	01-7720 35 x 10mm 22cm, 9"
01-7706 55 x 12mm 22cm, 9"	01-7725 42 x 10mm 22cm, 9"
01-7707 70 x 14mm 22cm, 9"	01-7730 55 x 12mm 22cm, 9"
01-7708 80 x 16mm 22cm, 9"	01-7732 70 x 14mm 22cm, 9"
	01-7735 80 x 16mm 22cm, 9"

OBWEGESER ALVEOLAR RETRACTOR



01-7739

CONCAVE BLADE

01-7739 50 x 12 x 22mm 22cm, 8-3/4"

OBWEGESER RAMUS RETRACTOR



01-0106

01-0106 70 x 11mm 22cm, 8-3/4"
01-7737 70 x 11 x 15mm 22cm, 8-3/4"
01-7738 70 x 12 x 22mm 22cm, 8-3/4"

OBWEGESER NASAL RETRACTOR



01-0107

01-0107 42x10mm 22cm, 8-3/4"

This Nasal Retractor is used for separation of tissue and periosteum superior to the exposed nasal spine.

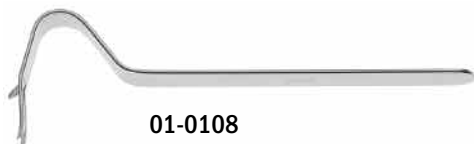
OBWEGESER ILIAC CREST RETRACTOR



01-7990

01-7990 Blade: 6cm x 3cm, 2-1/2" x 1-1/4", 22cm, 8-3/4"
01-7991 Blade: 8cm x 3cm, 3-1/4" x 1-1/4", 22cm, 8-3/4"

OBWEGESER CHIN RETRACTOR



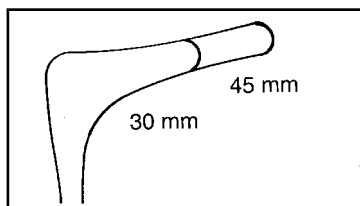
01-0108

01-0108 15.5cm, 6"

TESSIER NASAL SPECULUM



02-5015



02-5012 30mm 14cm, 5-1/2"
02-5015 45mm 14cm, 5-1/2"
02-5020 70mm 14cm, 5-1/2"

The blades are flat, very thin and black oxidized.

HARGIS MEDIAL RAMUS RETRACTOR



01-0137

01-0137 Right 19.5cm, 7-3/4"
01-0138 Left 19.5cm, 7-3/4"

EXTRAORAL SIGMOID NOTCH RETRACTOR

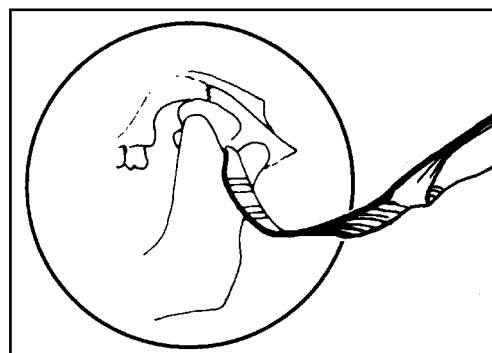
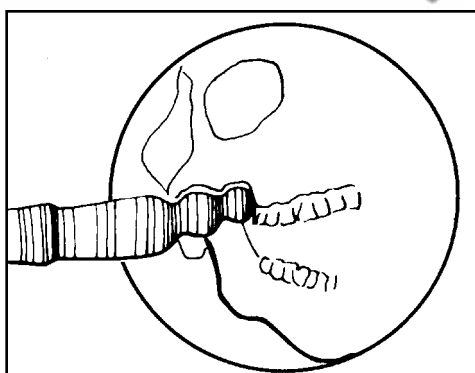


01-0180

WITH FIBER OPTIC

01-0180 23cm, 9"

01-0181 23cm, 9"



RETRACTORS

1-800-874-7711
904-741-4400

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BIOMET®
MICROFIXATION

HARGIS MANDIBULAR BODY RETRACTOR



01-0149

01-0149 18cm, 7"

SIGMOID NOTCH RETRACTOR



01-0166

WITH FIBER OPTIC LEFT

01-0168 20cm, 8"

WITH FIBER OPTIC RIGHT

01-0165 20cm, 8"

LEFT

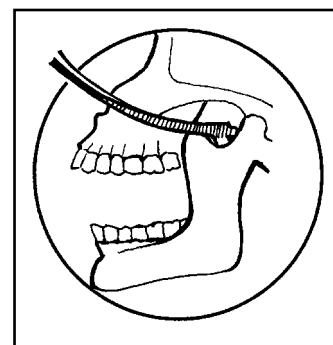
01-0166 20cm, 8"

RIGHT

01-0167 20cm, 8"

These Intraoral Sigmoid Notch Retractors are used on the lateral aspect of the mandibular ramus after soft tissues have been incised, elevated and retracted laterally.

The Sigmoid Notch Retractor is then slid superiorly along the lateral surface of the ramus until the sigmoid notch is engaged and then rotated laterally and superiorly to visualize the sigmoid notch, condylar neck and coronoid process to provide excellent visibility and to facilitate making bone cuts by either rotary or reciprocating and oscillating saws for various operative procedures on the ascending ramus of the mandible.



LEVASSEUR – MERRILL RETRACTOR



01-0159

WITH FIBER OPTIC CLIP

01-0159

WITHOUT FIBEROPTIC CLIP

01-0158

DOUBLE PALATAL RETRACTOR



01-0598

01-0598 28cm, 11"

MEDIAL RAMUS RETRACTOR



01-0603

MEDIUM

01-0603 8mm Tip, 29cm, 11-1/2"

WITH FIBEROPTIC CLIP

01-0596 8mm Tip, 29cm, 11-1/2"

WERTHER EYELID/ORBITAL RIM RETRACTOR



01-0202

01-0202 21cm, 8-1/4"

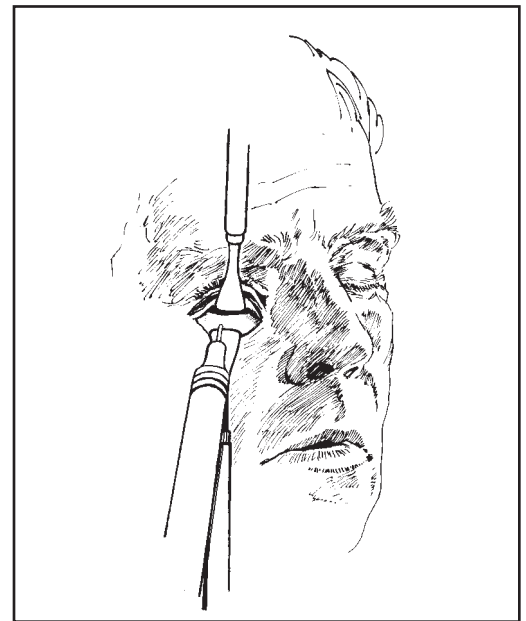
DONOVAN ORBITAL RIM RETRACTOR



01-0204

01-0204 20cm, 8"

One end of the retractor is for retraction of the globe and inspection of orbital floor. The opposite end allows placement of drill at a more acute angle and protects soft tissue.



REES RETRACTOR



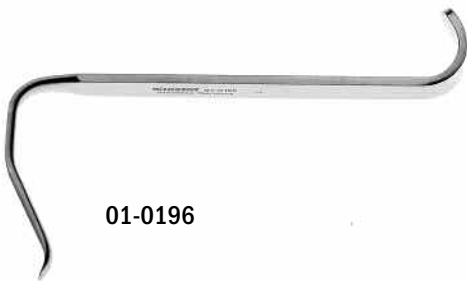
02-0468

WITH FIBER OPTIC CLIP

02-0468 9.5cm Blade, 8cm, 3-1/4"

02-0469 11cm Blade, 10.5cm, 4-1/4"

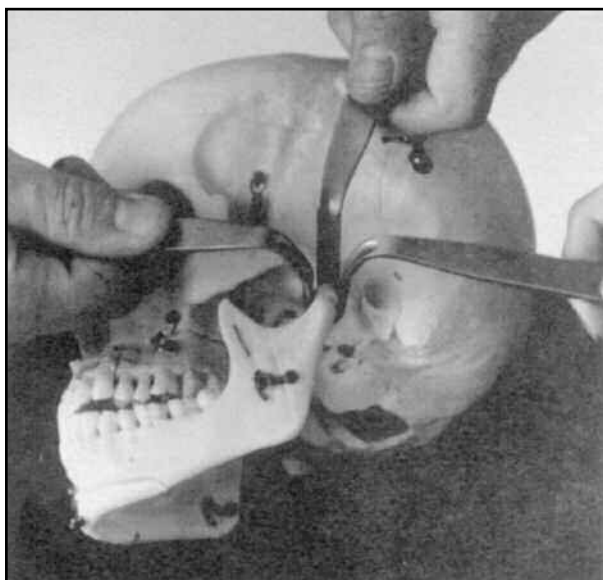
CONDYLE RETRACTOR



01-0196



01-0194	Posterior Retractor	13-1/2cm, 5-1/4"
01-0195	Posterior 50 x 6.5mm	14cm, 5-1/2"
01-0196	Anterior 60 x 6.5mm	14cm, 5-1/2"
01-0197	Superior 50 x 8mm	15.5cm, 6"
01-0198	Superior 57 x 6.5mm	15.5cm, 6"



The condylar head retractors have been modified to easily access the joint and the condylar head from its medial side. The distal portions of the retractors are delicate to fit into the tightness of joints with ease.

This sharp-edged condylar stripper elevates tissue attachments on the condylar head cleanly and effectively.

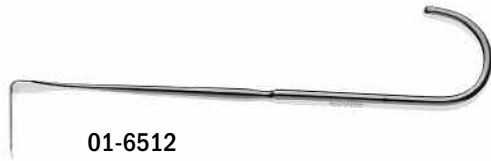
WILKES SELF – RETAINING RETRACTOR



01-0631

LEFT	RIGHT
01-0631 9cm, 3-1/2"	01-0632 9cm, 3-1/2"
STRAIGHT	SET OF 3
01-0633 9cm, 3-1/2"	01-0630

DOLWICK-REICH CONDYLE RETRACTOR



01-6512

01-6512 14cm, 5-1/2"

HARGIS PIRIFORM RIM RETRACTOR



01-0150

01-0150 18cm, 7"

FOMON BALL – TIPPED RETRACTOR



12-0034

12-0034 17cm, 6-3/4"

HIBBS RETRACTOR



25-0042

WITH TEETH

25-0042 76 x 25mm, 3 x 1", 23.5cm, 9-1/4"

KAYE – MILLARD THIMBLE HOOK



02-9128

02-9128 9mm 8cm, 3-1/4"

KAYE SKIN HOOK



02-9122

SINGLE PRONG

02-9122 15cm, 6"

RETRACTORS

KAYE BLEPHAROPLASTY RAKE



02-9124

SMALL

02-9124 12.5cm, 5"

ZYGOMA HOOK



01-0263

01-0263 10mm 17cm, 6-3/4"

FRAZIER SKIN HOOK



12-0001



SHARP

12-0001 13cm, 5"

BLUNT

12-0010 13cm, 5"



KLEINERT – KUTZ SKIN HOOK



12-0036

12-0036 Small 16cm, 6-1/4"

GILLIES SKIN HOOK



12-0007

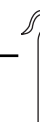


SHARP (CONVERSE)

12-0007 Large 18cm, 7"

LARGE

12-0006 19cm, 7-1/2"



GUTHRIE DOUBLE HOOK



12-0004



SHARP

12-0004 Large 13cm, 5-1/4"

12-0005 Small 12cm, 4-3/4"

FREER DOUBLE HOOK



12-0003



SHARP

12-0003 15cm, 6"

JOSEPH HOOK



12-0041

JOSEPH DOUBLE HOOK



12-0245

DANDY NERVE HOOK



33-0056

COTTLE – JOSEPH DOUBLE HOOK



12-0035

SKIN HOOK



12-0002

SALYER HOOK



02-8426

NIRO SKIN HOOK



12-0013

SHARP HEAVY MODEL SINGLE HOOK

12-0041 15cm, 6"

WIDE SHARP HEAVY MODEL DOUBLE HOOK

12-0042 2mm Wide 16cm, 6-1/4"

12-0045 5mm Wide 16cm, 6-1/4"

12-0047 7mm Wide 16cm, 6-1/4"

12-0050 10mm Wide 16cm, 6-1/4"

WIDE SHARP

12-0245 5mm wide, 16cm, 6-1/4"

12-0242 2mm

12-0247 7mm

BLUNT

ANGLED RIGHT **ANGLED LEFT**

33-0056 23cm, 9" 33-0055 23cm, 9"

STRAIGHT

33-0054 23cm, 9"

12-0035 14cm, 5-1/2"

12-0002 13cm, 5"

#2

02-8426 17.5cm, 7"

#3

02-8428 17.5cm, 7"

#5

02-8432 12.5cm, 5"

#3

12-0013 17cm, 6-3/4"

RETRACTORS

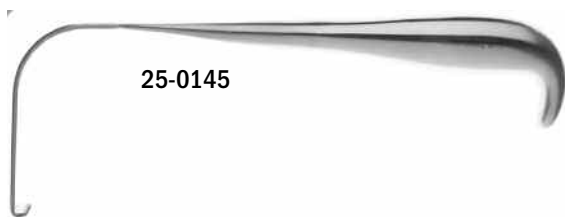
1-800-874-7711

904-741-4400

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Lorenz Instrumentation

MEYERDING RETRACTOR



25-0145

WITH TEETH

25-0145 75 x 25mm, 3 x 1", 23cm, 9"

DEAVER RETRACTOR



25-7801

25-7801 19mm, 3/4" Wide 18cm, 7"

25-7804 25mm, 1" Wide 30cm, 12"

DEAVER RETRACTOR



25-7808

25-7808 50mm, 2" Wide 30cm, 12"

RIBBON RETRACTOR



25-0120

MALLEABLE

25-0120 6mm, 1/4" Wide, 20cm, 8"

25-0121 9mm, 3/8" Wide, 20cm, 8"

25-0122 13mm, 1/2" Wide, 20cm, 8"

25-0123 16mm, 5/8" Wide, 20cm, 8"

25-0124 19mm, 3/4" Wide, 20cm, 8"

25-0125 25mm, 1" Wide, 20cm, 8"

RIBBON RETRACTOR



01-0179

MALLEABLE

01-0179 17/25mm 20cm, 8"

RAGNELL RETRACTOR



12-0037

DOUBLE ENDED

12-0037 14cm, 5-1/2"

U.S. ARMY RETRACTOR



25-0067

DOUBLE ENDED

25-0067 21cm, 8-1/4", Set of 2

LANGENBECK RETRACTOR



25-8070

RING HANDLE

25-8070 28 x 10mm, 1-1/8 x 3/8", 21cm, 8-1/4

25-8078 41 x 13mm, 1-5/8 x 1/2", 21cm, 8-1/4

ALM RETRACTOR

26-0002



4 X 4 TEETH SHARP

26-0002 10cm, 4"

SAUERBRUCH RETRACTOR



25-0071 Large 72 x 20mm, 3 x 3/4", 22.5cm, 9"

TMJ RETRACTOR



SERRATED/SHORT

01-0590 20x10mm, 21cm



SERRATED/LONG

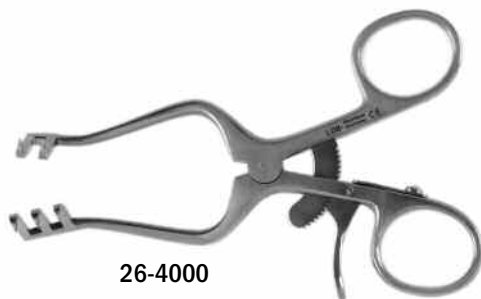
01-0592 40x10mm, 21cm

GREEN THYROID RETRACTOR



30-0011 22cm, 8-1/2"

WEITLANER RETRACTOR



SHARP

26-4000 10cm, 4" 2 x 3 teeth

BLUNT

26-4005 10cm, 4" 2 x 3 teeth

CUSHING VEIN RETRACTOR



25-0056 21.5cm, 8-1/2"

SENN RETRACTOR



25-0011

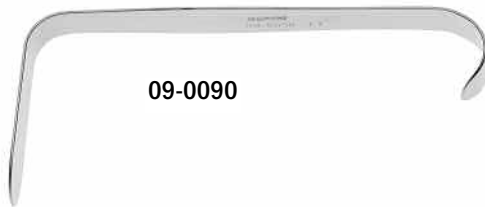
DOUBLE ENDED 3 SHARP PRONGS

25-0010 15.5cm, 6-1/4"

DOUBLE ENDED 3 BLUNT PRONGS

25-0011 15.5cm, 6-1/4"

CATANIA RETRACTOR



09-0090

09-0090 13.5cm, 5-1/2"

DESMARRES LID RETRACTOR



12-0063



12-0062 11mm, 7/16" Wide, 14cm, 5-1/2"

12-0063 13mm, 1/2" Wide, 14cm, 5-1/2"

12-0064 15mm, 9/16" Wide, 14cm, 5-1/2"

RICHARDSON RETRACTOR HOLLOW HANDLE



25-0049

SOLID HANDLE

25-0049 48 x 21mm, 24cm, 9-1/2"

25-0059 24 x 22mm, 24cm, 9-1/2"

25-0060 30 x 30mm, 24cm, 9-1/2"

25-0061 37 x 38mm, 24cm, 9-1/2"

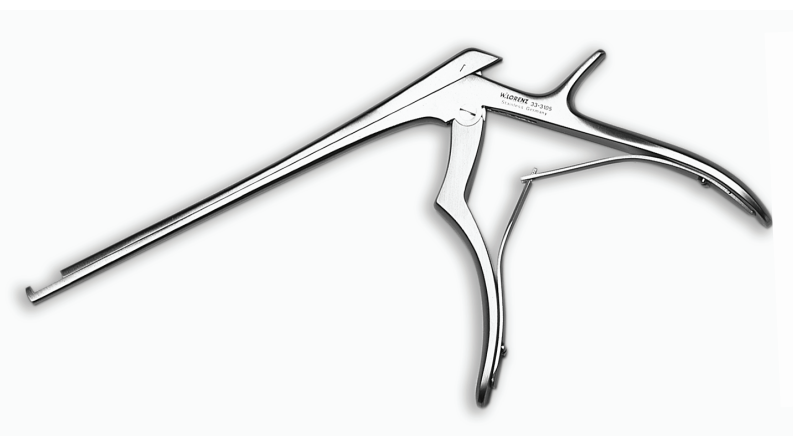


HOLLOW HANDLE

25-0053 Small 24 x 22mm, 24cm, 9-1/2"

25-0055 Small 37 x 38mm, 24cm, 9-1/2"

RONGEURS

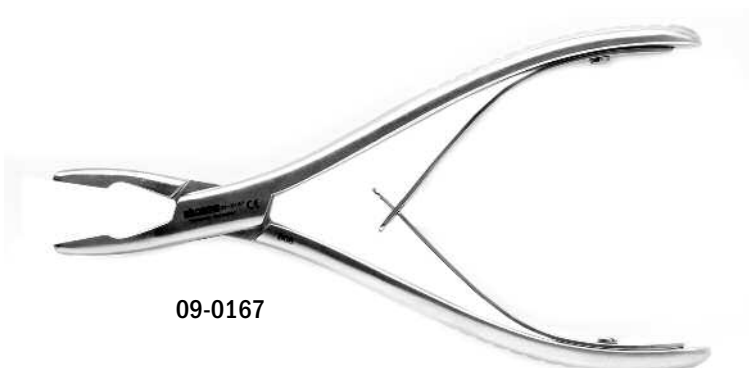


TESSIER NASAL BONE CUTTING RONGEUR



02-5167

MEAD RONGEUR



ROUND TIP #1A
09-0167

RUSKIN RONGEUR



STRAIGHT 3MM
27-0030

1-800-874-7711

904-741-4400

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STILLE – LUER RONGEUR



27-2320

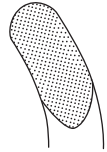


**10 MM JAW
STRAIGHT**

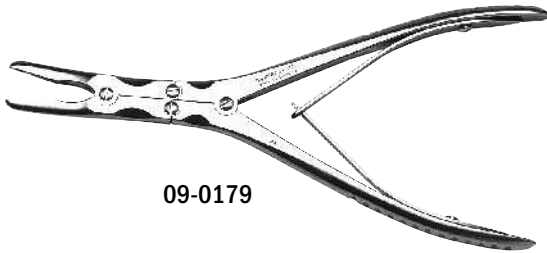
27-2320 22cm, 8-1/2"

CURVED

27-2322 22cm, 8-1/2"



BEYER RONGEUR



09-0179



CURVED

09-0179 18cm, 7"

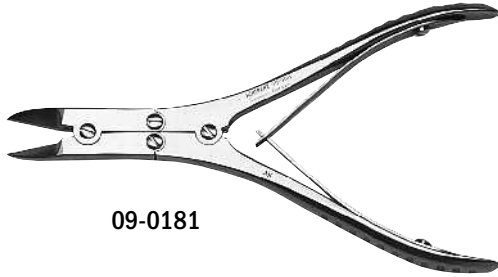
SYNOVECTOMY RONGEUR



03-1700

03-1700 13cm, 5"

RUSKIN – LISTON BONE CUTTING FORCEPS



09-0181

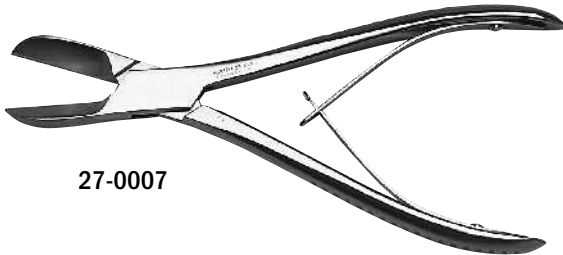
STRAIGHT

09-0181 15cm, 6"

ANGLED

27-2542 18.5cm, 7-1/4"

LISTON BONE CUTTING FORCEPS



27-0007

10MM JAW ANGLED

27-0007 14cm, 5-1/2"

27-0009 19cm, 7-1/2"

RUBIN SEPTAL MORSELIZER



02-0068

02-0068 21cm, 8-1/4"

GUARD

02-0069



TESSIER RIB GRAFT CUTTER



02-5120

ADULT

02-5120 28cm, 11"

CHILD

02-5125 28cm, 11"

1-800-874-7711

904-741-4400

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LEKSELL RONGEUR – STANDARD CURVE



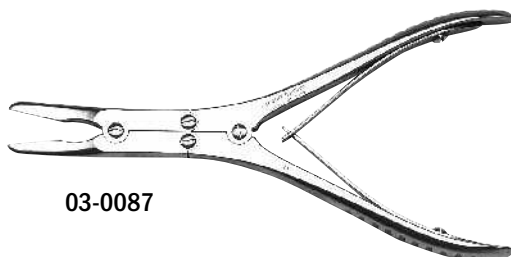
27-0025	5mm Jaw	24cm, 9-1/2"
27-0024	8mm Jaw	24cm, 9-1/2"

LEKSELL RONGEUR – FULL CURVE



33-2210	3mm Jaw	24cm, 9-1/2"
33-2212	5mm Jaw	24cm, 9-1/2"

KLEINERT – KUTZ RONGEUR



STRAIGHT

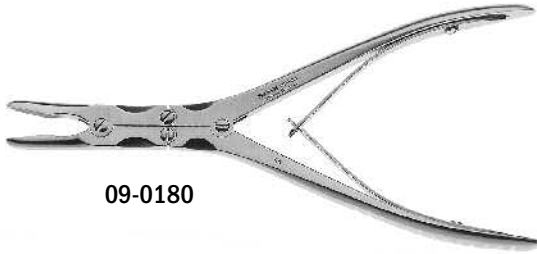
03-0087	2x13mm Jaw	15cm, 6"
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STRONGLY CURVED

03-0086	2x13mm Jaw	15cm, 6"
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ZAUFAL – JANSEN RONGEUR

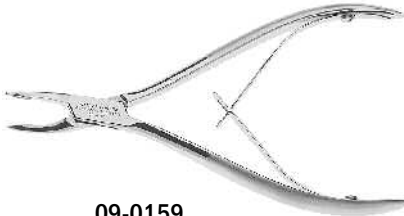


09-0180



09-0180 18cm, 7"

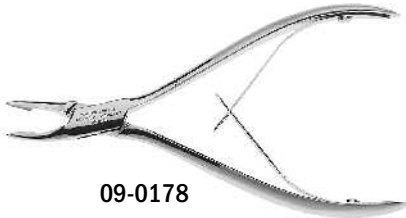
FRIEDMAN RONGEUR



09-0159

MINI

09-0159 14cm, 5-1/2"



09-0178

REGULAR

09-0178 14cm, 5-1/2"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

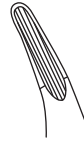
BLUMENTHAL RONGEUR



09-0160

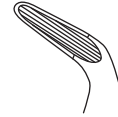


09-45-0161



REGULAR

09-0161 15cm, 6"



ANGLED 45°

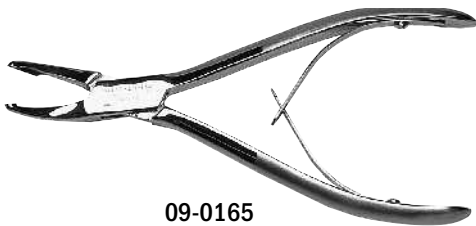
09-0160 15cm, 6"



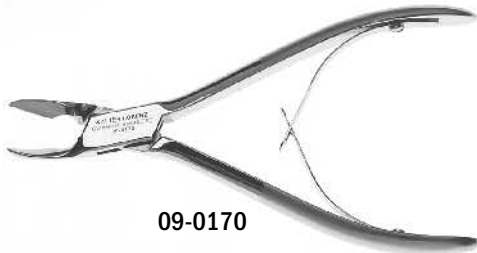
ANGLED 90°

09-0162 15cm, 6"

CLEVELAND RONGEUR



09-0165



09-0170



#4A

09-0165 17cm, 6-3/4"



#5

09-0170 17cm, 6-3/4"

TESSIER STRONG BONE CUTTER



02-5168

02-5168 21cm, 8-1/2"

LUER RONGEUR



09-0163

09-0163 17cm, 6-3/4"

RONGEUR #4



09-0173

UNIVERSAL

09-0173 14cm, 5-1/2"

LEMPERT RONGEUR



09-0174

CURVED

09-0174 16cm, 6-1/4"

STRAIGHT

09-0177 16cm, 6-1/4"

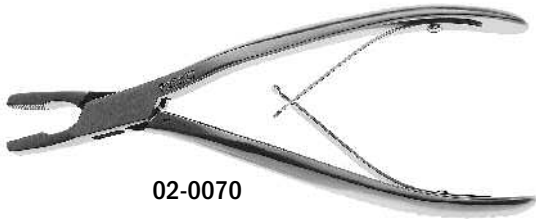
1-800-874-7711

904-741-4400

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Lorenz Instrumentation

LOWER LATERAL MORSELIZER



02-0070 18cm, 7"

ELEVATORS, DISSECTORS, SEPARATORS, PROBES, CURETTES, PICKS

ELEVATORS, DISSECTORS, SEPARATORS, PROBES, CURETTES, PICKS



JETER NASAL BONE ELEVATOR



02-8510

02-8510 17cm, 6-3/4"

DOLWICK-REICH CONDYLE PERIOSTEAL ELEVATOR



01-6510

STRONGLY CURVED

01-6510 17.5cm, 7"

ROUND HANDLE ELEVATOR



03-1005

03-1005	03-1010
6mm 15cm, 6"	9mm 15cm, 6"

TESSIER PERIOSTEAL ELEVATOR



02-5190

SLIGHTLY CURVED

02-5190 18cm, 7"

SALYER PERIOSTEAL ELEVATOR



02-8420

SLIGHTLY CURVED

02-8420 18cm, 7"

STRONG CURVE

02-8422 18cm, 7"

SALYER ELEVATOR



02-8436

DIAMOND SHAPED

02-8436 18cm, 7"

BLAIR CLEFT PALATE ELEVATOR



02-0054

L-SHAPED

02-0054 20cm, 8"

RIGHT ANGLED

02-0055 20cm, 8"

CURVED

02-0056 20cm, 8"

LANE ELEVATOR



28-0020

NARROW BLADE

28-0020 7mm
19cm, 7-1/2"

WIDE BLADE

28-0021 9mm
19cm, 7-1/2"

WOODSON ELEVATOR



SP-2083

LARGE HANDLE

SP-2083 19cm, 7-1/2"

SELDIN ELEVATOR



09-0280

#1L

09-0280 15cm, 6"

#1R

09-0281 15cm, 6"

ELEVATOR #15



09-0317

09-0317 15cm 6"

ELEVATOR #16



09-0318

09-0318 15cm, 6"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

ELEVATOR #98S



09-0255

09-0255 15cm, 6"

KLEINERT-KUTZ ELEVATOR & DISSECTOR



05-0079

DOUBLE ENDED

05-0079 18cm, 7"

SALYER NASAL LINING DISSECTOR



02-8416

RIGHT ANGLED 90°

02-8416 7mm 18cm, 7"

02-8418 10mm 18cm, 7"

RAY PITUITARY CURETTE



33-0041

45 DEGREE ANGLE

33-0041 4MM, 19cm, 7-1/2"

SHARPLEIGH EAR CURETTE



07-0088

07-0088 #2, 15cm, 6"

BONE CURETTE



03-1040

ROUND HANDLE, OVAL CUP

03-1040 #00, 15cm, 5-3/4"

03-1045 #0, 15cm, 5-3/4"

COAKLEY ANTRUM CURETTE



05-0072

05-0071 SET OF 6

05-0072 FIGURE 1, 16.5cm, 6-1/2"

05-0074 FIGURE 3, 16.5cm, 6-1/2"

05-0075 FIGURE 4, 16.5cm, 6-1/2"

05-0076 FIGURE 5, 16.5cm, 6-1/2"

05-0077 FIGURE 6, 16.5cm, 6-1/2"

ELEVATORS, DISSECTORS, SEPARATORS, PROBES, CURETTES, PICKS
New Additions

DINGMAN ABRADER



02-0048

RIGHT

02-0048 16cm, 6-1/4"

LEFT

02-0049 16cm, 6-1/4"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

103

BIOMET[®]
MICROFIXATION

STEINHAUSER REPOSITIONING FORK



01-6726 18cm, 7"

CONDYLE STRIPPER



01-0200 6mmX48mm 15cm, 6"

BAND PUSHER/SCALER COMBINATION



01-0290 17cm, 7"

REYNEKE POSITIONER



01-0475 23cm, 8"

OBWEGESER MAXILLARY MOBILIZER



01-7752 23cm, 9"

CAMERON ELEVATOR



09-0300



STRAIGHT

09-0300 16cm, 6-1/4"

ELEVATOR #0



09-0258



STRAIGHT

09-0258 15cm, 6"

ELEVATOR #1



09-0259



STRAIGHT

09-0259 15cm, 6-1/4"

ELEVATOR #2



09-0261



STRAIGHT

09-0261 15cm, 6-1/4"

ELEVATOR #11A



09-0266



STRAIGHT

09-0266 15cm, 6"

ELEVATOR #22



09-0270



ANGLED DOWN #22

09-0270 15cm, 6"

ELEVATOR #34, #34S



09-0297



#34 STRAIGHT

09-0297 15cm, 6"

#34S STRAIGHT

09-0298 15cm, 6"



ELEVATOR #46, #46R



09-0252

ELEVATOR #71, #72



09-0305

ELEVATOR #73, #74



09-0307

ELEVATOR #77R



09-0313

ELEVATOR #81



09-0293

ELEVATOR #190, #191



09-0301

STRAIGHT SERRATED #46R

09-0252 15.5cm, 6"

STRAIGHT #46

09-0256 14cm, 5-1/2"

ANGLED #71

09-0305 15.5cm, 6"

ANGLED #72

09-0306 15.5cm, 6"

ANGLED #73

09-0307 15cm, 6"

ANGLED #74

09-0308 15cm, 6"

ANGLED #77R

09-0313 15cm, 6"

STRAIGHT #81

09-0293 15.5cm, 6"

ANGLED #190

09-0301 15cm, 6"

ANGLED #191

09-0302 15cm, 6"

ELEVATOR #301



09-0257



STRAIGHT

09-0257 14.5cm, 5-3/4"

ELEVATOR #302, #303



09-0311



ANGLED #302

09-0311 15cm, 6"

ANGLED #303

09-0312 15cm, 6"



CRANE PICK ELEVATOR



09-0262



ANGLED

09-0262 15cm, 6"

SELDIN ELEVATOR #2



09-0267



STRAIGHT

09-0267 15.5cm, 6"

CRYER ELEVATOR #1, #2, #31, #32



09-0285

#1

09-0284 15cm, 6"

#2

09-0285 15cm, 6"



#31

09-0286 15cm, 6-1/4"

#32

09-0287 15cm, 6-1/4"



CRYER ELEVATOR #39, #40



09-0288



#39

09-0288 15.5cm, 6"

#40

09-0289 15.5cm, 6"

LLM (LINDO – LEVIEN) ELEVATOR



09-0251



STRAIGHT

09-0251 15cm, 6"

1-800-874-7711

904-741-4400

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UNIVERSITY OF ALABAMA ELEVATOR



09-0295

09-0295 15.5cm, 6"

ROOT ELEVATOR #33, #33R, #33L



09-0570

STRAIGHT #33

09-0570 w/ Suction

CURVED #33R

09-0571 w/ Suction

CURVED #33L

09-0572 w/ Suction

ROOT ELEVATOR #303



09-0343

STRAIGHT #303

09-0343 16cm, 6-1/4"

COGSWELL ELEVATOR



09-0264

COGSWELL A

09-0263 15cm, 6"

COGSWELL B

09-0264 15cm, 6"

DISTAL ELEVATOR, REVERSE



09-0321

09-0321 15cm, 6"

COUPLAND ELEVATOR



09-0350

#1

09-0350 15cm, 6"

#2

09-0351 15cm, 6"

#3

09-0352 15cm, 6"

HOWARD APEXO ELEVATOR



09-0334

#1 STRAIGHT

09-0333 14cm, 5-1/2"



#2 RIGHT

09-0332 14cm, 5-1/2"



#3 LEFT

09-0334 14cm, 5-1/2"

HEIDBRINK ELEVATOR



09-0342

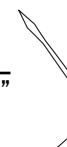
#1 STRAIGHT

09-0341 14.5cm, 5-3/4"



#2 RIGHT

09-0340 14.5cm, 5-3/4"



#3 LEFT

09-0342 14.5cm, 5-3/4"

RAMIREZ LATERAL ORBITAL RIM DISSECTOR



02-0454



LATERAL ORBITAL RIM

02-0454 21cm, 8-1/4"

MASSETER FASCIA

02-0452 21cm, 8-1/4"



RAMIREZ ANGLED FOREHEAD DISSECTOR



02-0456



02-0456 22cm, 8-3/4"

RAMIREZ TEMPORAL FASCIA DISSECTOR



02-0458



02-0458 22.5cm, 8-3/4"

RAMIREZ GLABELLA – ZYGOMA – MANDIBLE DISSECTOR



02-0450



02-0450 21cm, 8-1/4"

WOODSON ELEVATOR #1



09-0092

09-0092 18cm, 7"

PERIOSTEAL ELEVATOR



09-0384



#851

09-0387 18cm, 7"



#853

09-0386 18cm, 7"



#854

09-0385 18cm, 7"



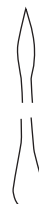
#856

09-0384 18cm, 7"

PERIOSTEAL ELEVATOR #9



09-0388



OCTAGONAL

09-0388 18cm, 7"

HEXAGONAL

09-0382 18cm, 7"

SELDIN PERIOSTEAL ELEVATOR



09-0393



09-0392

#23

HEXAGONAL

09-0392 19.5cm, 7-3/4"

FLAT HANDLE

09-0393 19.5cm, 7-3/4"

MOLT PERIOSTEAL ELEVATOR #9



09-0394



09-0394 18.5cm, 7-1/4"

FREER SEPTUM ELEVATOR



02-0039



02-0039 18cm, 7-1/4"

HOWARTH SEPTUM ELEVATOR



02-0045



DOUBLE-ENDED

02-0045 21.5cm, 8-1/2"

OBWEGESER PERIOSTEAL ELEVATOR – FLAT



01-0083



01-0083 7mm 17.5cm, 7"

01-0084 9mm 17.5cm, 7"

01-0085 11mm 17.5cm, 7"

OBWEGESER PERIOSTEAL ELEVATOR – ANGLED



01-0088

01-0087 5mm 20cm, 8"

01-0088 8mm 20cm, 8"

01-0089 9mm 20cm, 8"

COTTLE SEPTUM ELEVATOR



02-0044



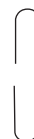
DELICATE

02-0044 22.5cm, 8-3/4"

COTTLE TUNNEL ELEVATOR



02-0036



02-0036 22cm, 8-3/4"



JOSEPH ELEVATOR



02-0041



4MM STRAIGHT

02-0041 16cm, 6-1/4"

4MM CURVED

02-0042 16cm, 6-1/4"

OBWEGESER – FREER ELEVATOR



01-0091

DOUBLE-ENDED/SHARP SLIGHTLY CURVED

01-0091 21cm, 8-1/4"

STRONGLY CURVED

01-0092 21cm, 8-1/4"

OBWEGESER – FREER ELEVATOR



01-7815

01-7815

This elevator has slight and medium strong curved ends. Both working ends are dull. This instrument is designed for blunt dissection of soft tissue.

01-7820

This elevator has one slightly curved and blunt working end. The other end is strongly curved and sharp. This instrument is designed for blunt and sharp dissection of soft tissue.

BLUNT/BLUNT

01-7815 22cm, 8-3/4"

SHARP/BLUNT

01-7820 22cm, 8-3/4"

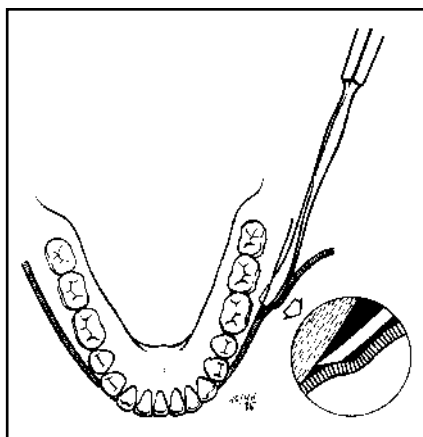
OBWEGESER PERIOSTEAL ELEVATOR



01-7770



01-7781



BEVELED EDGE

01-7765 18cm, 7", 6mm tip

01-7770 18cm, 7", 7mm tip

01-7780 18cm, 7", 11mm tip

FLAT

01-7781 18cm, 7", 6mm tip

01-7782 18cm, 7", 7mm tip

01-7783 18cm, 7", 9mm tip

01-7784 18cm, 7", 11mm tip

This instrument is used to strip periosteum from the mandible, cranium or other bone surfaces.

ZYGOMA HOOK ELEVATOR



01-0262

SHARP

01-0262 24.5cm, 9-3/4"

GILLIES MALAR ELEVATOR



01-0256

LARGE HANDLE

01-0256 24cm, 9-1/2"

SMALL HANDLE

01-0255 24cm, 9-1/2"

ROWE'S ZYGOMATIC ELEVATOR



01-0258

01-0258 25cm, 10"

JETER – WOODSON HARD PALATE ELEVATOR



02-0031

RIGHT

02-0030 17cm, 6-3/4"

LEFT

02-0031 17cm, 6-3/4"

WARWICK ELEVATOR



09-0329

#1 STRAIGHT

09-0328 16cm, 6-1/4"

#2 RIGHT

09-0327 16cm, 6-1/4"

#2 LEFT

09-0329 16cm, 6-1/4"

POTTS ELEVATOR



09-0363

#1

09-0363 15.5cm, 6"

#2

09-0364 15.5cm, 6"

HOLLOW HANDLE

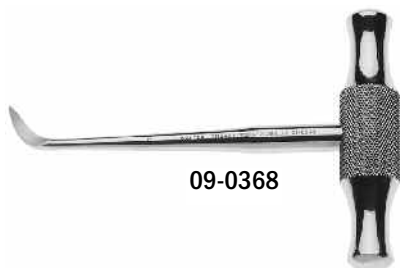
#1

09-0365 15.5cm, 6"

#2

09-0366 15.5cm, 6"

CROSSBAR ELEVATOR



09-0368



#14 L

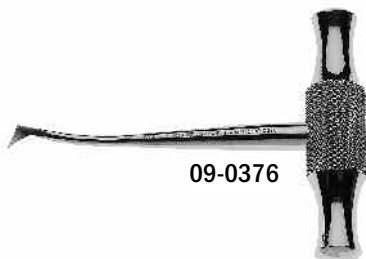
09-0368 12.5cm, 5"



#14 R

09-0369 12.5cm, 5"

CRYER CROSSBAR ELEVATOR



09-0376



#11 L

09-0375 12cm, 4-3/4"

#12 L

09-0377 12cm, 4-3/4"



#11 R

09-0376 12cm, 4-3/4"

#12 R

09-0378 12cm, 4-3/4"

MCKENTY SEPTUM ELEVATOR



02-0037

CURVED

02-0037 4mm, 15cm, 6"

QUINN HYDROXYAPATITE PERIOSTEAL ELEVATOR



01-8323

01-8323 18cm, 7"

DINGMAN ZYGOMA ELEVATOR



01-0254

01-0254 21cm, 8-1/4"

JETER – KAPETANSKY CLEFT PALATE ELEVATOR



02-0032



CLEFT PALATE ELEVATOR

02-0032 19cm, 7-1/2"



HARD PALATE ELEVATOR

02-0033 19cm, 7-1/2"

ALBJERG PERIOSTEAL ELEVATOR



09-0397



6 MM HANDLE LIGHT

09-0397 17.5cm, 7"

DISTAL ELEVATOR



09-0316

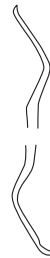


09-0316 15cm, 6"

TATUM SINUS MEMBRANE ELEVATOR



01-8265

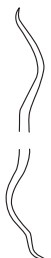
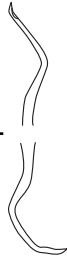


2MM/2MM

01-8261 18cm, 7"

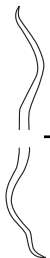
2MM/2MM

01-8262 18cm, 7"



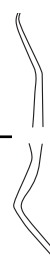
4MM/4MM

01-8263 18.5cm, 7-1/4"



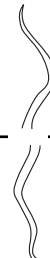
4MM/4MM

01-8264 18.5cm, 7-1/4"



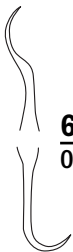
6MM/6MM

01-8265 18.5cm, 7-1/4"



7MM/7MM

01-8266 18.5cm, 7-1/4"



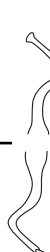
6MM/2MM

01-8267 16cm, 6-1/4"



6MM/3MM

01-8268 16cm, 6-1/4"



3MM/3MM

01-8269 15cm, 6"



5MM/5MM

01-8270 17cm, 6-3/4"

This set of instruments is designed to reach into all areas of the maxillary sinus through an access window and permit the elevation of the membrane without perforations. They may also be used to remove internal bone buttresses after soft tissue elevation. The lip of the elevators should be kept on bone and the rounded back of the instrument should be used to elevate the soft tissue. All shafts are tempered to allow rotation of tips to reach difficult areas.

OBWEGESER RAMUS STRIPPER



01-7812

NARROW

01-7810 18cm, 7"

WIDE

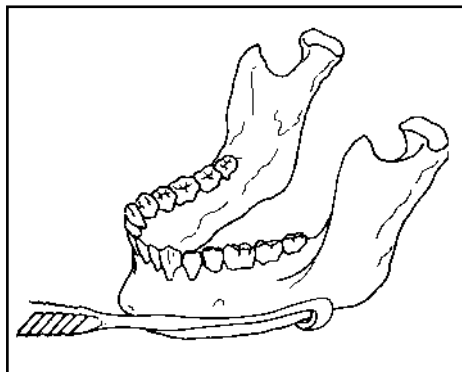
01-7812 18cm, 7"

OBWEGESER MANDIBULAR STRIPPER

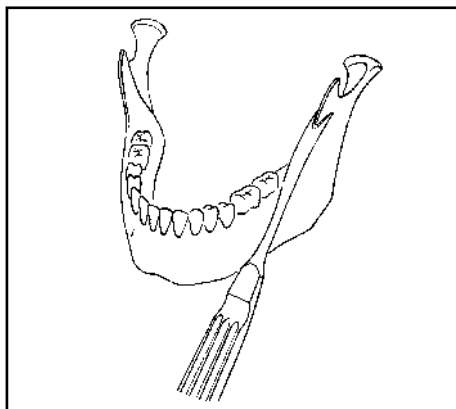


01-7800

This instrument is designed to assist in freeing the periosteum from the inferior border of the mandible to help avoid injury to the mentalis.



This instrument is used to strip the soft tissues from the anterior aspect of the ascending ramus of the mandible and is especially useful in controlling the bone in managing trauma or in repositioning the ramus in orthognathic surgical procedures.



LEFT

01-7800 18cm, 7"

RIGHT

01-7805 18cm, 7"

OBWEGESER PERIOSTEAL STRIPPER



01-7785



01-7785 20.5cm, 8", 5mm tip

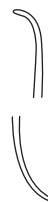
01-7790 20.5cm, 8", 7mm tip

01-7795 20.5cm, 8", 9mm tip

JETER PHARYNGEAL DISSECTOR



02-0027



02-0027 22cm, 8-3/4"

FINGER DISSECTOR



02-0416

02-0416 33.5cm, 13-1/4"

GOLDMAN SEPTUM DISPLACER



02-0079

02-0079 19m, 7-1/2"

SAYRE PERIOSTEAL ELEVATOR



28-0016

**DOUBLE-ENDED
BLUNT**

28-0016 16.5cm, 6-1/2"



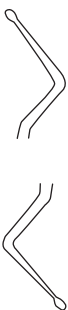
DOUBLE ENDED CURETTE



09-0224

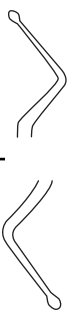
#9

09-0224



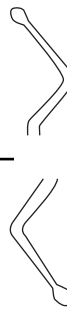
#10

09-0225



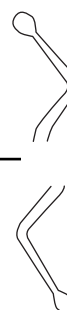
#11

09-0226



#12

09-0227



#13

09-0228



MOLT CURETTE – DOUBLE ENDED



09-0235

COMBINATION, 2-4 MOLT
09-0235

MOLT CURETTE



09-0232



09-0233

#5L
09-0230 17.5cm, 7"

#5R
09-0231 17.5cm, 7"

#2
09-0233 17cm, 6-1/2"

#4
09-0232 17cm, 6-1/2"

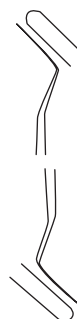
#1
09-0234 17cm, 6-1/2"

WOODSON ELEVATOR SPATULA



33-0077

DOUBLE ENDED
33-0077 25cm, 10"



PENFIELD DISSECTOR



33-3758



33-3759



33-3760



**DOUBLE ENDED
STYLE #2**
33-3758 19.5cm, 7-3/4"



**DOUBLE ENDED
STYLE #3**
33-3759 19.5cm, 7-3/4"

**DOUBLE ENDED
STYLE #4**
33-3760 21.5cm, 8-1/2"

BOWMAN LACRIMAL PROBE



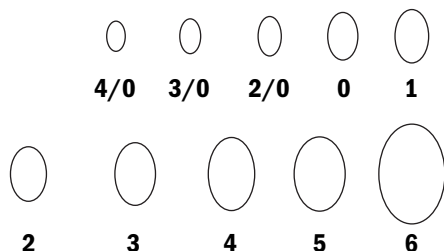
24-0040

24-0040	4/0-3/0	13cm, 5-1/8"
24-0041	2/0-0	13cm, 5-1/8"
24-0042	1-2	13cm, 5-1/8"
24-0043	3-4	13cm, 5-1/8"
24-0044	5-6	13cm, 5-1/8"
24-0045	7-8	13cm, 5-1/8"

BRUNS CURETTE – OVAL CUP



28-0080



OVAL CUP ANGLED

28-0080	Size 4/0	23cm, 9"
28-0081	Size 3/0	23cm, 9"
28-0082	Size 2/0	23cm, 9"
28-0083	Size 0	23cm, 9"
28-0084	Size 1	23cm, 9"
28-0085	Size 2	23cm, 9"
28-0086	Size 3	23cm, 9"
28-0087	Size 4	23cm, 9"
28-0088	Size 5	23cm, 9"
28-0089	Size 6	23cm, 9"

LUCAS CURETTE



09-0242

#1R-1L

09-0242 18cm, 7"

#3R-3L

09-0244 18cm, 7"

#5

09-0247 18cm, 7"

#2R-2L

09-0243 18cm, 7"

DAVIS ROOT TEASER



09-0198

#10

09-0198 21cm, 8-1/4"

#11

09-0199 21cm, 8-1/4"

SELDIN ROOT PICK



09-0200

09-0200 19.5cm, 7-3/4"

GAUZE DIRECTOR & LIGATURE TUCKER



09-0205



#2521

09-0204 18.5cm, 7-1/4"

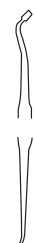


#2522

09-0205 18.5cm, 7-1/4"

DOUBLE ENDED

09-0206 17cm, 6-3/4"



GAUZE PACKER #2



09-0186

09-0186 19cm, 7-1/2"

SLAUGHTER DOUBLE – ENDED CURETTE



09-0236

09-0236 21cm, 8-1/4"

EXPLORER #23



09-0577

09-0577 14.5cm, 5-3/4"

EXPLORER #5



09-0578

09-0578 16cm, 6-1/4"

GILMORE PROBE



09-0575

09-0575 16.5cm, 6-1/2"

DAVIS ROOT TIP PICK



09-0322

#1
09-0323 18.5cm, 7-1/4"

#2
09-0322 18.5cm, 7-1/4"

#3
09-0324 18.5cm, 7-1/4"

WEST ROOT TIP PICK



09-0336

#1
09-0337 17cm, 6-3/4"

#2
09-0336 17cm, 6-3/4"

#3
09-0338 17cm, 6-3/4"

KAPETANSKY PHARYNGEAL DISSECTOR



02-0422

02-0422 21.5cm, 8-1/2"

SMITHWICK NERVE HOOK



12-0083

BLUNT
12-0083 17cm, 6-3/4"

ROOT TEASER #36, #37, #38



09-0196

EXTRA DELICATE SERRATED
09-0195 #36

MEDIUM DELICATE
09-0196 #37

HEAVY DUTY
09-0197 #38

ROOT TEASER #3652, #3662



09-0202

#3662
09-0203 19cm, 7"

#3652
09-0202 19cm, 7"

HARGIS ANTERIOR BORDER STRIPPER



01-0153



01-0153 19cm, 7-1/2"



The anterior border stripper is used to strip off the tenacious periosteal attachment along the anterior border of the ascending ramus of the mandible. Its use has the following advantages:

- The large handle aids in applying controlled force
- The bi-angle tip aids better visualization and better mechanical advantage
- The sharp V-shaped cutting edge facilitates rapid, positive stripping of the tissue adhering to the anterior border
- The lateral edges of the tip are rounded to provide greater safety

HARGIS SLING STRIPPER



01-0142



RIGHT

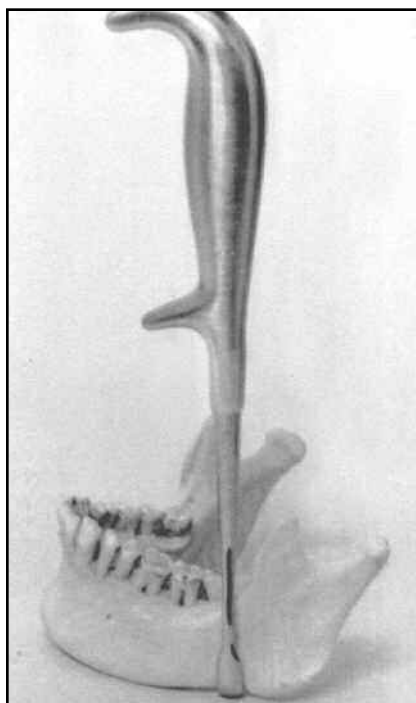
01-0140 23cm, 9", 6.5mm tip

01-0141 23cm, 9", 9mm tip

LEFT

01-0142 23cm, 9", 6.5mm tip

01-0143 23cm, 9", 9mm tip



This specialized periosteal instrument facilitates the detachment of the pterygo-masseteric sling from the mandible. Its contoured end is designed for the detachment of a tough periosteal attachment. The bulk of the handle provides the grasping surface needed to apply vigorous yet controlled force.

OSTEOTOMES, CHISELS, GOUGES, MALLET, TAMPS

OSTEOTOMES, CHISELS, GOUGES, MALLET



OBWEGESER NASAL OSTEOTOME



01-0114

4MM WIDE

01-0114 18.5cm, 7-1/4"

WOLFORD GROOVED OSTEOTOME



01-0418

ANGLED	
LARGE HANDLE	STANDARD HANDLE
01-0418 6MM	01-0420 6MM

WOLFORD OSTEOTOME



01-0421

ANGLED
01-0421 8MM

OSTEOTOMES, CHISELS, GOUGES, MALLETS
New Additions

BURTON OSTEOTOME



01-0608

CURVED
01-0608 8MM 13.5cm, 5-1/4"

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

123

BIOMET[®]
MICROFIXATION

BURTON PTERYGOSAGITTAL OSTEOTOME



01-0595

01-0595 23cm, 9"

MESSER OSTEOTOME



01-7922

01-7922 4MM, 15cm, 6"

JETER INFERIOR BORDER OSTEOTOME



01-8480

01-8480 6MM

01-8482 8MM

A single guarded osteotome utilized to complete the split at the inferior border during Sagittal split osteotomies. If the vertical buccal osteotomy is angled obliquely, posteriorly and lingually during the osteotomy then the inferior border osteotome can simply be placed in this and mallated so as to begin the osteotomy through the inferior border at the desired place. As the fragments separate, then the osteotome can be directed posteriorly. The guard assists in the prevention of the cutting edge of the osteotome from slipping superiorly into the neurovascular bundle. Two widths of osteotomes are provided depending upon how close the inferior alveolar canal passes to the inferior border of the mandible.

CONVERSE GUARDED OSTEOTOME

Image Not Available

02-0184

02-0184 12MM, 18cm, 7"

PARKES OSTEOTOME



02-8130

**STRAIGHT
SINGLE GUARD**

02-8130 16cm, 6-1/4"

TESSIER CALVARIAL SPLITTER



02-5112

CURVED

02-5112 10MM

OSTEOTOMES, CHISELS, GOUGES, MALLETS
New Additions

MARKOWITZ CRANIAL OSTEOTOME

The Markowitz Cranial Osteotomes are available in three widths: 10mm, 15mm and 20mm and are scored at the curved ends. Each short score indicates 2mm in depth while long scores indicate 1 and 2 cm in depth. The scores allow the surgeon to know the depth that the osteotome has been inserted into the skull providing knowledge of the amount of undermining that has occurred as the osteotome is tapped through the split thickness cranial bone graft.



02-8312

STRAIGHT

02-8312 10MM, 18cm, 7"

02-8314 15MM 18cm, 7"

CURVED

02-8315 15MM, 18cm, 7"

1-800-874-7711

904-741-4400

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TESSIER OSTEOTOME



01-0227

MUSHROOM HANDLE	
STRAIGHT	CURVED
01-0227	01-0228

EPKER OSTEOTOME w/HANDLE



01-0973

SLIGHTLY CURVED	STRONG CURVED
01-0973 4MM	01-0981 8MM

STRAIGHT
01-0971 4MM
01-0980 8MM

COTTLE NASAL CHISEL



02-0186

CURVED
02-0186 16cm, 6-1/4"

COTTLE OSTEOTOME



02-0210

ROUND HEAD
02-0210 4MM

TESSIER-KAWAMOTO OSTEOTOME

For osteotomy and disjunction between the pterygoid plate and maxillary tuberosity.

The narrow shaft is rounded to be well adapted to the corner of the mouth. It gives an additional 8mm to the transverse orientation of the thin blade.

The wide mushroom top allows the instrument to be struck with the palm of the hand.



02-5300

02-5300 18cm, 7"

TESSIER NASAL OSTEOTOME



02-5295

For latero-nasal osteotomy through nasal or vestibular approach.

The flat guard helps to protect from deep cutting with the instrument.

STRAIGHT

02-5295 18.5cm, 7-1/4"

OSTEOTOME, ROUND HANDLE



03-1063

03-1063 3MM 15cm, 5-3/4"

03-1065 5MM 15cm, 5-3/4"

OSTEOTOMES, CHISELS, GOUGES, MALLETS
New Additions

MINI-LEXER CHISEL



03-0188

03-0188 10MM 18cm, 7"

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

SMITH PTERYGOID OSTEOTOME



01-0252

01-0252

The Smith Pterygoid Osteotome was designed to allow “straight on” access for separation of the Pterygo-maxillary suture. The palm grip/crossbar design allows maximum control and leverage after the instrument is malleted into place.

HOKE OSTEOTOME



28-0250

STRAIGHT

28-0250	3MM	13cm, 5"
28-0252	4.5MM	13cm, 5"
28-0256	8MM	13cm, 5"

LAMBOTTE OSTEOTOME



28-0100

STRAIGHT

28-0100	6MM	23cm, 9"
28-0103	25MM	23cm, 9"

BONE TAMP



28-0404

28-0404	4MM
28-0405	5MM

OMBREDANNE Mallet



28-2142

28-2142 38MM Diameter

OSTEOTOMES, CHISELS, GOUGES, MALLETS
New Additions

OBWEGESER OSTEOTOME



01-0121

ALVEOLAR

01-0121	2.5mm	15cm, 6"
01-0122	4mm	15cm, 6"
01-7840	3mm	15.5cm, 6"
01-7845	4mm	15.5cm, 6"
01-7847	6.5mm	15.5cm, 6"

OBWEGESER OSTEOTOME



01-0116

CURVED

01-0116	10mm	23.5cm, 9-1/4"
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OBWEGESER SPLITTING OSTEOTOME



01-0119

01-0118	7mm	21.5cm, 8-1/2"
01-0119	10mm	21.5cm, 8-1/2"
01-7870	8mm	22cm, 8-3/4"
01-7871	12mm	22cm, 8-3/4"
01-7872	16mm	22cm, 8-3/4"
01-7873	20mm	22cm, 8-3/4"

TERRY MODIFIED OBWEGESER SINGLE GUARDED OSTEOTOME



01-8335

01-8335	5mm	19cm, 7-1/2"
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TESSIER OSTEOTOME



02-5050

STRAIGHT

02-5041	2mm	16cm, 6-1/4"
02-5042	3.5mm	16cm, 6-1/4"
02-5045	5mm	16cm, 6-1/4"
02-5055	7mm	16cm, 6-1/4"
02-5065	10mm	16cm, 6-1/4"
02-5075	14mm	16cm, 6-1/4"

CURVED

02-5050	5mm	16cm, 6-1/4"
02-5060	7mm	16cm, 6-1/4"
02-5070	10mm	16cm, 6-1/4"

HARGIS SAGITTAL SPLITTING OSTEOTOME



01-0155

01-0155	10mm	21.5cm, 8-1/2"
01-0156	20mm	21.5cm, 8-1/2"

SINGLE BEVEL CHISEL



09-0404

ROUND HANDLE

09-0404 4mm

OBWEGESER WEDGE OSTEOTOME



01-7865

01-7860 8mm, 22cm, 8-3/4"

01-7865 12mm, 22cm, 8-3/4"

01-7867 16mm, 22cm, 8-1/2"

HARGIS PTERYGOID OSTEOTOME



01-0151

01-0151 10mm 21.5cm, 8-1/2"

KAWAMOTO OSTEOTOME



01-0242

CURVED

01-0242 10mm 16.5cm, 6-1/2"

SPECIAL KAWAMOTO OSTEOTOME



02-8250

STRAIGHT

02-8250 10mm 18cm, 7"

02-8254 15mm 18cm, 7"

02-8258 20mm 18cm, 7"

CURVED

02-8252 10mm 18cm, 7"

02-8256 15mm 18cm, 7"

02-8260 20mm 18cm, 7"

HABAL OSTEOTOME



01-0542

STRAIGHT

01-0540 4mm 18cm, 7"

01-0542 6mm 18cm, 7"

01-0544 8mm 18cm, 7"

01-0546 10mm 18cm, 7"

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OBWEGESER NASAL SEPTUM OSTEOTOME



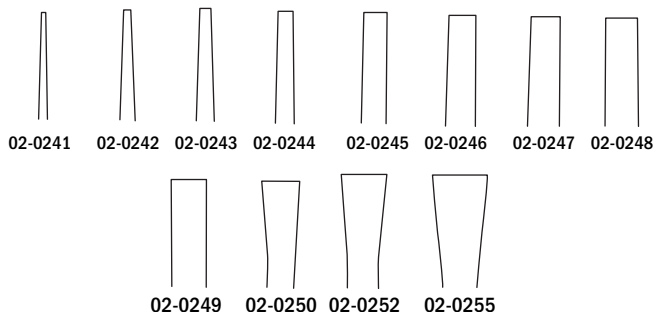
01-7855

01-7853	4mm, 18.5cm, 7-1/4"
01-7855	6mm, 18.5cm, 7-1/4"
01-7857	8mm, 18.5cm, 7-1/4"

FRENCH PATTERN OSTEOTOME



02-0243



02-0241	1mm	2/32" Wide	15cm, 6"
02-0242	2mm	3/32" Wide	15cm, 6"
02-0243	3mm	1/8" Wide	15cm, 6"
02-0244	4mm	5/32" Wide	15cm, 6"
02-0245	5mm	3/16" Wide	15cm, 6"
02-0246	6mm	1/4" Wide	15cm, 6"
02-0247	7mm	9/32" Wide	15cm, 6"
02-0248	8mm	5/16" Wide	15cm, 6"
02-0249	9mm	3/8" Wide	15cm, 6"
02-0250	10mm	13/32" Wide	15cm, 6"
02-0252	12mm	15/32" Wide	15cm, 6"
02-0255	15mm	19/32" Wide	15cm, 6"

MINI – LAMBOTTE OSTEOTOME



02-0234

02-0220	17cm, 6-3/4", 2mm Wide	02-0230	12.5cm, 5", 2mm Wide
02-0221	17cm, 6-3/4", 4mm Wide	02-0231	12.5cm, 5", 4mm Wide
02-0222	17cm, 6-3/4", 6mm Wide	02-0232	12.5cm, 5", 6mm Wide
02-0223	17cm, 6-3/4", 8mm Wide	02-0233	12.5cm, 5", 8mm Wide
02-0224	17cm, 6-3/4", 10mm Wide	02-0234	12.5cm, 5", 10mm Wide
02-0225	17cm, 6-3/4", 12mm Wide	02-0235	12.5cm, 5", 12mm Wide
02-0226	17cm, 6-3/4", 15mm Wide	02-0236	12.5cm, 5", 15mm Wide

SILVER OSTEOTOME



02-8135

STRAIGHT

02-8135	18.5cm, 7-1/4"
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RIGHT

02-8140

LEFT

02-8145

LORENZ MINI – OSTEOTOME



02-8360

CURVED

02-8360	4mm 5/32" Wide	14cm, 5-1/2"
02-8364	6mm 1/4" Wide	14cm, 5-1/2"
02-8369	8mm 5/16" Wide	14cm, 5-1/2"
02-8375	10mm 13/32" Wide	14cm, 5-1/2"

STRAIGHT

02-8330	4mm 5/32" Wide	14cm, 5-1/2"
02-8325	2mm 3/32" Wide	14cm, 5-1/2"
02-8355	2mm 3/32" Wide	14cm, 5-1/2"
02-8380	12mm 1/2" Wide	14cm, 5-1/2"

COTTLE OSTEOTOME



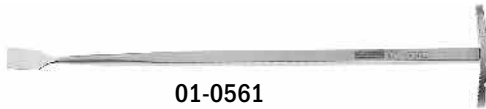
02-8065

RUBIN OSTEOTOME



02-8170

DAUTREY – MUNRO OSTEOTOME



01-0561

DAUTREY – MUNRO OSTEOTOME



01-0551

NEIVERT OSTEOTOME



02-8125

CINELLI OSTEOTOME



02-8150

ANDERSON – NEIVERT OSTEOTOME



02-8115

OBWEGESER PTERYGOID OSTEOTOME



01-7850

STRAIGHT

02-8060	4mm	18.5cm, 7-1/4"
02-8065	7mm	18.5cm, 7-1/4"
02-8070	9mm	18.5cm, 7-1/4"
02-8075	12mm	18.5cm, 7-1/4"

02-8166	6mm	16.5cm, 6-1/2"
02-8168	8mm	16.5cm, 6-1/2"
02-8170	10mm	16.5cm, 6-1/2"
02-8172	12mm	16.5cm, 6-1/2"
02-8175	14mm	16.5cm, 6-1/2"

STRONGLY CURVED

01-0561	8mm	17cm, 6-3/4"
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STRAIGHT

01-0553	10mm	16cm, 6"
01-0555	14mm	16cm, 6"
01-0556	16mm	16cm, 6"

01-0551	6mm	16cm, 6-1/4"
01-0552	8mm	16cm, 6-1/4"
01-0554	12mm	16cm, 6-1/4"

SINGLE GUARDED STRAIGHT

02-8125	5mm	20cm, 8"
---------	-----	----------

DOUBLE GUARDED STRAIGHT

02-8150	10mm	16cm, 6-1/4"
02-8160	14mm	16cm, 6-1/4"
02-8165	16mm	16cm, 6-1/4"

CURVED RIGHT

02-8115	5mm	20cm, 8"
---------	-----	----------

CURVED LEFT

02-8120	5mm	20cm, 8"
---------	-----	----------

01-7852	8mm	23cm, 9", Child
01-7850	11mm	23cm, 9", Adult

DAVIS OSTEOTOME



01-0427

STRONGLY CURVED

01-0427 7mm 20.5cm, 8"

SLIGHT CURVE

01-0425 4mm 20.5cm, 8"

SPATULA OSTEOTOME



01-0574

01-0570 3.7mm 14cm, 5-1/2"

01-0572 4.5mm 15cm, 6"

01-0574 7mm 16.5cm, 6-1/2"

GUARDED OSTEOTOME



01-0436

STRAIGHT

01-0436 6mm 20.5cm, 8"

01-0439 8mm 20.5cm, 8"

CURVED

01-0437 6mm 20.5cm, 8"

01-0438 8mm 20.5cm, 8"

EPKER OSTEOTOME



01-0401

STRAIGHT

01-0401 4mm 18cm, 7"

01-0406 6mm 18cm, 7"

01-0410 8mm 18cm, 7"

SLIGHTLY CURVED

01-0403 4mm 18cm, 7"

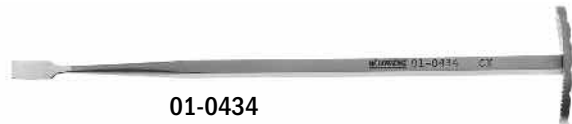
01-0407 6mm 18cm, 7"

SHARPLY CURVED

01-0408 6mm 18cm, 7"

01-0411 8mm 18cm, 7"

DUNN – DAUTREY SPATULA OSTEOTOME



01-0434

STRAIGHT

01-0433	4mm	16cm, 6-1/4"
01-0432	6mm	16cm, 6-1/4"
01-0431	8mm	16cm, 6-1/4"

SLIGHTLY CURVED

01-0434	6mm	16cm, 6-1/4"
---------	-----	--------------

STRONGLY CURVED

01-0435	6mm	16cm, 6-1/4"
---------	-----	--------------

Figure 1

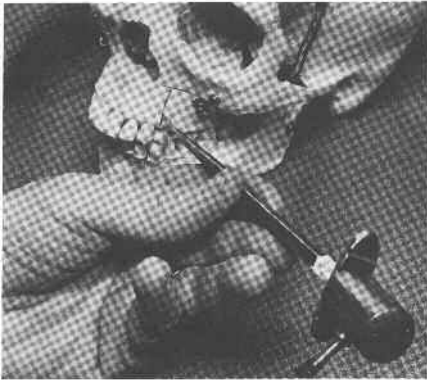


Figure 1 shows the osteotome being utilized between the canine and the first premolar with the use of a light mallet.

Figure 2

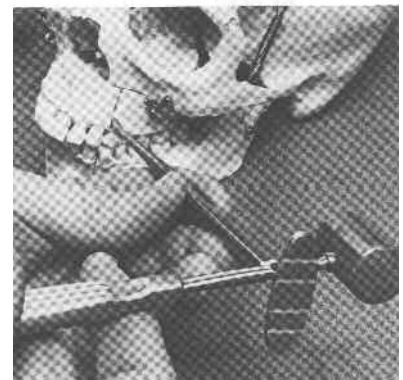


Figure 2 shows the removal of the osteotome by utilizing the shank on the inner surface of the T bar for easy removal.

Figure 3

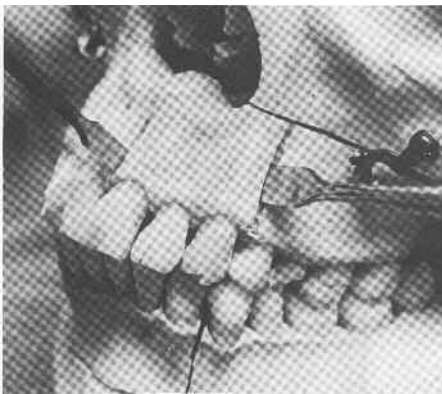


Figure 3 shows the use of osteotomes in the osteotomy sites. The T bar action allows good controlled mobilization of the segments.

Figure 4

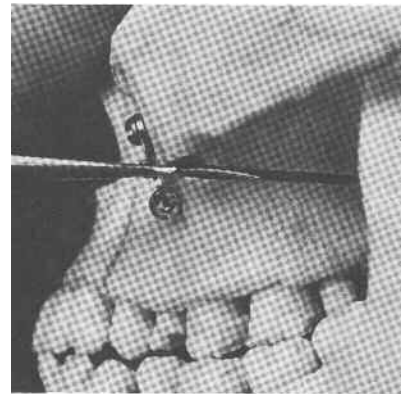


Figure 4 shows osteotome 01-0434 used to complete the osteotomy site in the maxillary-zygomatic strut area. Under ordinary circumstances this osteotomy cut is tapered interiorly and this curvature allows for it. This osteotome is also effective in a Sagittal osteotomy.

Figure 5

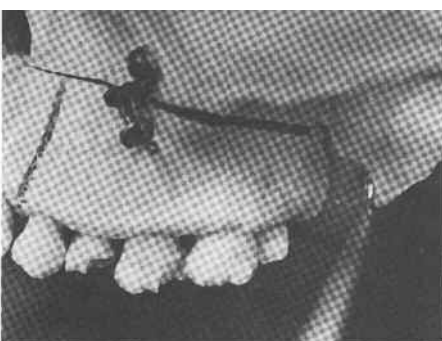


Figure 5 shows the sharp curvature (01-0435) needed for osteotomy in the area of the pterygo-maxillary fissure. The T bar may be struck on its inner surface in order to remove the osteotome in this area.

Figure 6

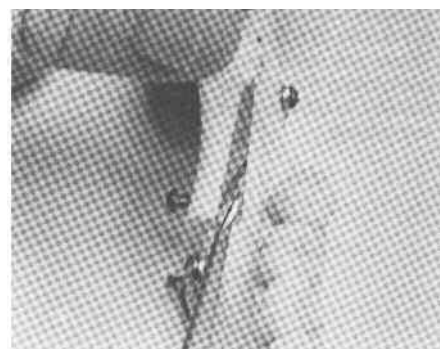


Figure 6 shows the effective utilization of the osteotome with its T bar handle in a torquing manner in the sagittal osteotomy cut on the ramus of the mandible.

EPKER MODIFIED OSTEOTOME



01-0440

SLIGHTLY CURVED

01-0440 8mm 17.5cm, 7"

JOSEPH OSTEOTOME



01-8410

STRAIGHT

01-8410 7mm 20cm, 8"

CURVED

01-8412 7mm 20cm, 8"

RUBBER BOOT FOR CHISEL



09-0415

Used with 09-0402
09-0406
09-0416

09-0415 3/8" Inner Diameter

STOUT BONE CHISEL



09-0401

09-0400 #2 4mm 21.5cm, 8-1/2"

09-0401 #3 5mm 21.5cm, 8-1/2"

09-0399 #1 3mm 21.5cm, 8-1/2"

CHISEL



09-0402

SINGLE BEVEL

09-0402 4mm 18cm 7"

BI-BEVEL

09-0403 4mm 18cm 7"

GARDNER CHISEL



09-0406

09-0406 17cm 6-3/4"

O.S.U. GOUGE



09-0416

HALF ROUND WITH BOOT

09-0416 3.5mm 17cm, 6-3/4"

09-0417 5mm 17cm, 6-3/4"

KILLIAN SEPTUM GOUGE



01-0124

01-0124 5mm 17cm, 6-3/4"

COPPER Mallet



02-0284

02-0284 20mm 3/4" Diameter 17cm, 6-3/4"

Lightweight Mallet



02-0286

02-0286 25mm Diameter 18cm, 7-3/4"

02-0293 Replacement Nylon Faces, Pair

PARTSCH Mallet



02-0289

STAINLESS HEAD

02-0289 22mm, 7/8" Diameter 18cm, 7"

LEAD HEAD

02-0290 22mm, 7/8" Diameter 18cm, 7"

MEAD Mallet



02-0287

02-0287 320 Grams, 11 Ounces,

25mm, 1" Diameter 17cm, 6-3/4"

02-0288 Replacement Faces, Pair

TESSIER SPLITTING OSTEOTOME



02-5084

SLIGHTLY CURVED

02-5084 10mm 18cm, 7"

TERRY PERIOSTEAL PACKER



01-8316

01-8316 17cm, 6-3/4"



01-8320

01-8320 11cm, 4-1/2"



01-8326

01-8326 Small

BONE TAMPER ROUND HANDLE

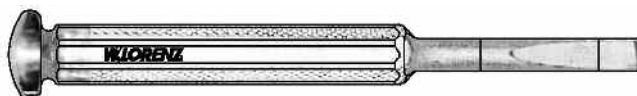


03-1145

03-1145 3mm Tip 15cm, 5-3/4"

03-1150 5mm Tip 15cm, 5-3/4"

STELLA PUSH OSTEOTOME



01-0575

01-0575 4mm 14cm, 5-1/2"

01-0576 6mm 14cm, 5-1/2"

01-0578 8mm 14cm, 5-1/2"

S.A.R.P.E. OSTEOTOME



LD-0320

LD-0320 18.4cm, 7-1/4"



This Mid Palatal Nasal Septal Osteotome is specifically designed for Surgically Assisted Rapid Palatal Expansion procedures.

SAWS, FILES, AND RASPS



RASP



01-0594

COARSE DIAMOND CHIP
01-0594 17cm, 6-3/4"

MALTZ RASP



02-6025

PUSH TYPE
02-6025 17cm, 6-3/4"

PARKS RASP



02-6035

**20 CONCAVE TEETH,
FINE**
02-6035 19.5cm, 7-3/4"

**11 CONCAVE TEETH,
EXTRA COARSE**
02-6040 19.5cm, 7-3/4"

COTTLE RASP



02-6045

02-6045 20cm, 8"

SAWS, FILES, AND RASPS
New Additions

CONVERSE RASP



02-6060

02-6060 18cm, 7"

OBWEGESER NASAL RASP



02-7912

MEDIUM FINE CHanneled
02-7912 19cm, 7-1/2"

BONE RASP ROUND HANDLE



03-1100

6MM COARSE
STRAIGHT CURVED
03-1100 03-1105
15cm, 6" 15cm, 6"

SAWS, FILES, AND RASPS
New Additions

DIAMOND RASP



02-6010

GLABELLA RASP



02-0104

WEINER ANTRUM RASP



02-0108

MILLER BONE FILE TC



51-1610

HOWARD BONE FILE



09-0201

FINE STRAIGHT

02-6010 19cm, 7-1/2"

FINE CURVED

02-6015 19cm, 7-1/2"



CURVED

02-0104 18cm, 7"



TROCAR TIP

02-0108 20cm, 8"



SINGLE CUT

51-1600 18cm, 7"

CROSS CUT

51-1610 18cm, 7"



#12

09-0201 18.5cm, 7-1/4"

SAWS, FILES, AND RASPS

1-800-874-7711

904-741-4400

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BONE FILE



09-0212



09-0212 19cm, 7-1/2"

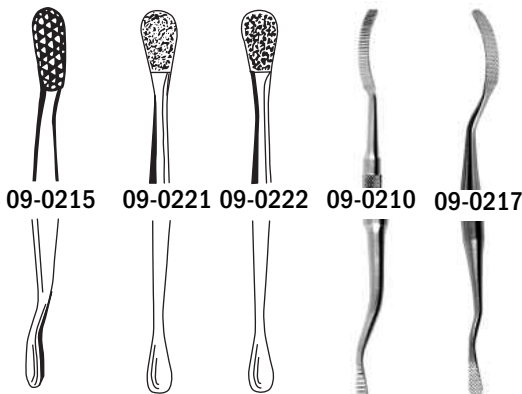
09-0214 20cm, 8"



BONE FILE



09-0215



09-0215

09-0221

09-0222

09-0210

09-0217

CROSSCUT

09-0215 18cm, 7-1/2"

09-0217 18cm, 7-1/2"

DIAMOND CHIPS FINE

09-0221 17cm, 7"

DIAMOND CHIPS COARSE

09-0222 17cm, 7"

SINGLE CUT

09-0210 18cm, 7-1/2"

JOSEPH BUTTON KNIFE



02-0014

STRAIGHT

02-0014 15cm, 6"

CONVERSE BISTOURY KNIFE



02-0015

02-0015 15cm, 6"

COTTLE NASAL KNIFE



02-0019

02-0019 4mm 14cm, 5-1/2"

AUFRICHT GLABELLA RASP



02-6055



PUSH TYPE

02-6050 20.5cm, 8"

PULL TYPE

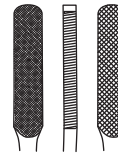
02-6055 20.5cm, 8"



FOMON NASAL RASP

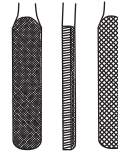


02-0106



DOUBLE ENDED FLAT AND CONVEX BLADES

02-0106 22cm, 8-3/4"



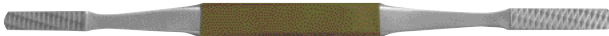
DOUBLE ENDED FINE

02-6065 21cm, 8-1/4"

DOUBLE ENDED COARSE

02-6070 21cm, 8-1/4"

LORENZ NASAL RASP TC



02-7803

STANDARD

02-7803 24/30 Teeth, 21cm, 8-1/4"

FINE

02-7804 36/44 Teeth, 21cm, 8-1/4"

MILLER BONE FILE



09-0229

#52

09-0229

JOSEPH NASAL SAW



02-0122

STRAIGHT

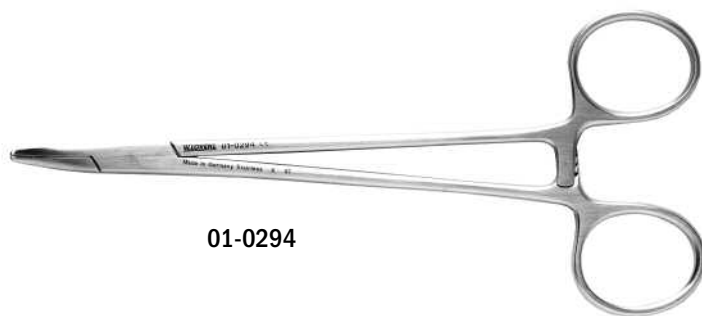
02-0122 18cm, 7"

SUCTION TUBES, WIRE INSTRUMENTS, MISCELLANEOUS

SUCTION TUBES, WIRE INSTRUMENTS, MISC.



WIRE PASSER



01-0294

01-0294 15cm, 6"

LINDORF WIRE PASSER



01-0450

01-0450

DAUTREY ARCH BAR



01-0296

01-0296 13cm, 5"

D-WIRE ARCH BAR



01-6875

01-6875 10/PK, 16cm 6"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

CHAMPY TREPHINE



01-0950

CHAMPY

01-0950 7MM

O.S.U. TREPHINE

01-0954

TESSIER WIRE CUTTER



02-5315

02-5315 13cm, 5"

WIRE SCISSOR, TC



51-1362

STRAIGHT

51-1362 10.5cm, 4" TC

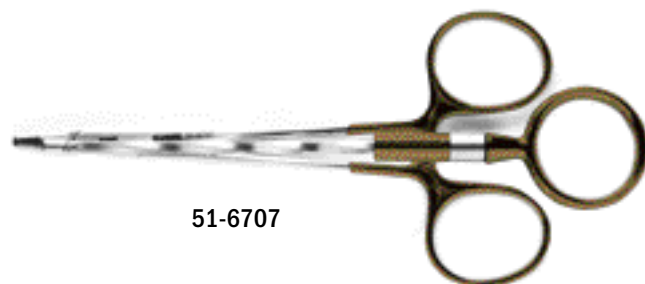
PATIENT WIRE CUTTER



SP-2273

SP-2273 12cm, 4-3/4"

CORWIN-GOATS WIRE TWISTER TC



51-6707

DELICATE

51-6707 13cm, 5" TC

KAYE L-W SCALPEL HANDLE



02-9135

02-9135 15cm, 6"

BALLENGER SWIVEL KNIFE



05-0064

STRAIGHT

05-0064 4MM 19.5cm, 7-3/4"

FREER SUBMUCOUS KNIFE



05-0080

05-0080 16cm, 6"

1-800-874-7711

904-741-4400

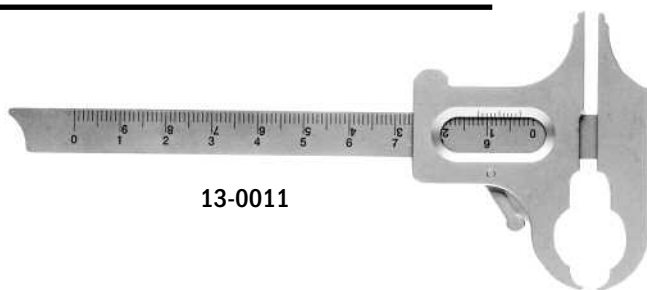
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Lorenz Instrumentation

147

BIOMET[®]
MICROFIXATION

BOLEY SLIDING GAUGE



13-0011

0-100MM GAUGE

13-0011

ADSON SUCTION TUBE



14-0070

12 FRENCH

14-0070

GREGORY FLUSH-TIP NEEDLE



34-4979

34-4979

INSTRUMENT CONTAINERS



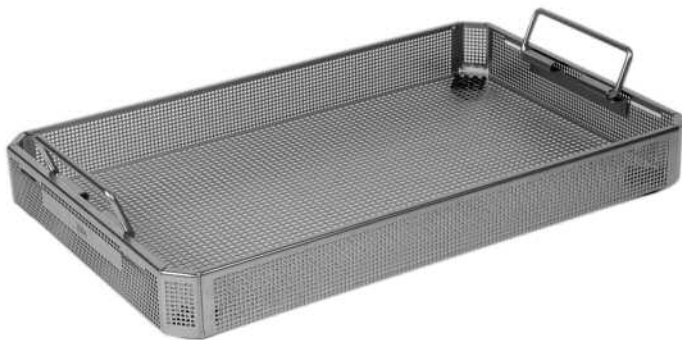
01-9510

01-9010 465cm x 280cm x 100cm

01-9011 465cm x 280cm x 150cm

01-9510 28cm x 28cm x 10cm

INSTRUMENT CONTAINER BASKETS



SP-2221

SP-2220 used with 01-9010
SP-2221 used with 01-9011
SP-2219 used with 01-9510

FLASH INSTRUMENT PAN



41-0381

41-0381 9" x 5" x 2"
41-0380 HANDLE

INSTRUMENT STRINGER



41-0385

41-0385 8" W/LOCK
41-0404 8" W/O LOCK

MCKESSON SUCTION TUBE



14-0080

14-0081	2mm	18cm, 7"
14-0080	3mm	18cm, 7"
14-0082	4mm	18cm, 7"

HOLZ SUCTION HANDLE & TIPS



14-0130



14-0132

HANDLE

14-0130	16.5cm, 6-1/2"
---------	----------------

TIPS TONSIL

14-0132	28 French	10cm, 4"
---------	-----------	----------

STANDARD

14-0133	9 French	10cm, 4"
---------	----------	----------

FRAZIER SUCTION TUBE WITH STYLETS



14-6533



14-7052

STRAIGHT

14-6533	10 French	23cm, 9"
---------	-----------	----------

ANGLED WITH FIBER OPTIC CLIP

14-7052	14 French	18cm, 7"
---------	-----------	----------

14-6526	14-6527	14-6528	14-6529
14-6530	14-6531	14-6532	14-6534

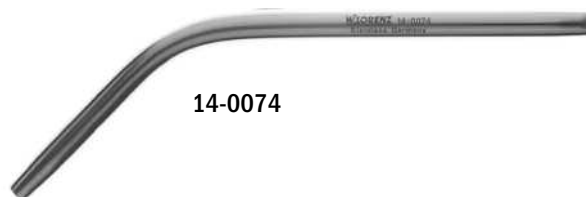
ANGLED

14-6526	6 French	17cm, 6-3/4"
14-6527	7 French	17cm, 6-3/4"
14-6528	8 French	17cm, 6-3/4"
14-6529	9 French	17cm, 6-3/4"
14-6530	10 French	17cm, 6-3/4"
14-6531	11 French	17cm, 6-3/4"
14-6532	12 French	17cm, 6-3/4"
14-6534	14 French	17cm, 6-3/4"

REPLACEMENT STYLETS

14-6556	6 French
14-6557	7 French
14-6558	8 French
14-6559	9 French
14-6560	10 French
14-6561	11 French
14-6562	12 French
14-6564	14 French

LORENZ SUCTION TIP



14-0074

COGSWELL SUCTION TUBE



14-0085

YANKAUER SUCTION TUBE



14-0050

ANDREWS – PYNCHON SUCTION TUBE



14-0054

BARON SUCTION TUBE



14-6504

COUPLAND SUCTION HANDLE & TIPS



14-7000



14-7015

SUCTION HANDLE

14-0076 15cm, 6"

SUCTION TIPS

14-0072 Size 0 7 French 10cm, 4"

14-0073 Size 1 9 French 10cm, 4"

14-0074 Size 2 14 French 11cm, 4-1/2"

14-0075 Tonsil 30 French 11cm, 4-1/2"

14-0083 #1 2mm 6 French 23cm, 9"

14-0084 #2 3mm 9 French 23cm, 9"

14-0085 #3 4mm 12 French 23cm, 9"

14-0086 #4 5mm 15 French 23cm, 9"

14-0050 28cm, 11"

14-0051 Replacement Suction Tip Only

14-0054 24cm, 9-1/2"

ANGLED

14-6500 3 French, 7.5cm, 3"

14-6501 3 French, 10cm, 4"

14-6504 5 French, 10cm, 4"

HANDLE

14-7000 17cm, 6-3/4"

TIPS

14-7005 Size 1 1.5mm 9.5cm, 3-3/4"

14-7010 Size 2 1.9mm 9.5cm, 3-3/4"

14-7015 Size 3 2.3mm 9.5cm, 3-3/4"

14-7020 Size 4 2.8mm 9.5cm, 3-3/4"

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GALETTI ARTICULATOR



01-0133

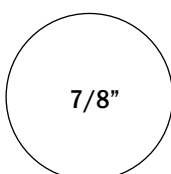
01-0133

Allows plasterless mounting of models.

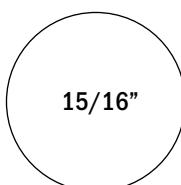
MOUTH MIRROR



09-0590



09-0595



09-0590

PLANE

09-0590 Size 5 6cm, 2-1/2"

09-0589 Size 4 6cm, 2-1/2"

FRONT SURFACE

09-0595 Size 4 6cm, 2-1/2"

MIRROR HANDLE



09-0579

OCTAGONAL CONE SOCKET

09-0579 11.5cm, 4-1/2"

HOLLOW

09-0581 13cm, 5"

SYRINGE



09-0598



09-0599



41-0110

09-0598 Aquafax Syringe

09-0599 Replacement Cannula

41-0110 Aspirating Syringe, 2ml Cartridge Type,
Accepts 1.8ml Cartridge

CHIP BLOWER



41-0129

-
- 41-0129 Chip Blower, w/Laytex Bulb Complete
 - 41-0131 Chip Blower, Bulb Only - disposable
 - 41-0128 Laytex Chip Blower - Bulb Non-disposable
 - 41-0127 Tip Only

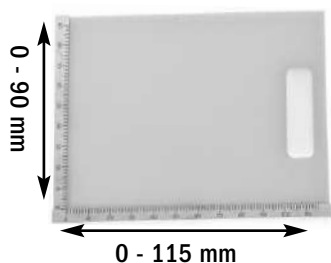
BIOCOMP MINIMILL



02-5400

-
- 02-5400 Minimill With 2 Bone Cutter Blades
 - 02-5401 Replacement Partition For 02-5400
 - 02-5402 Cutter Blade
 - 02-5404 Replacement Drive For 02-5400
 - 02-5405 Replacement Upper Body For 02-5400
 - 02-5406 Replacement Lower Body For 02-5400

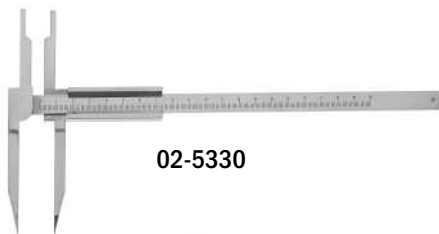
GRAFT CUTTING BLOCK



01-6825

-
- 01-6825 Teflon, With Scale

TESSIER CRANIOFACIAL CALIPER



02-5330

-
- 02-5330 26cm, 10-1/2"

CASTROVIEJO CALIPER



01-0415



13-0017

STRAIGHT

01-0415 40mm 9cm, 3-1/2"

01-0416 40mm 18cm, 7"

13-0017 0-20mm Scale 8cm, 3-1/8"

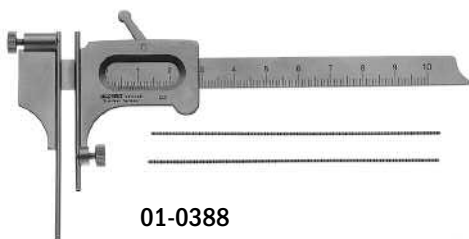
MARCHAC CALIPER



02-5540

02-5540

PERKINS REFERENCE INDICATOR



01-0388

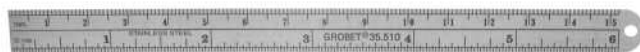
WITH GAUGE

01-0388 14cm, 5-1/2"

REPLACEMENT BARS

01-0387 .045 8.5cm, 3-1/2 12/Pk

RULER



13-0005

MILLIMETER AND INCH SCALE

13-0005 15cm, 6"

JAMESON CALIPER



13-0007

13-0007 0-80mm Scale 0-3" Scale

PRESTRETCH WIRE



01-5824

01-5818 18ga, 10/Pk, 6"
01-5824 24ga, 10/Pk, 6"
01-5826 26ga, 10/Pk, 6"
01-5918 18ga, 10/Pk, 12"
01-5924 24ga, 10/Pk, 12"
01-5926 26ga, 10/Pk, 12"

LIGATURE WIRE



01-0306

STAINLESS STEEL

01-0309 20 Gauge, .032, 75'/Spool	01-0304 28 Gauge, .012, 500'/Spool
01-0308 22 Gauge, .025, 120'/Spool	01-0303 30 Gauge, .010, 675'/Spool
01-0307 24 Gauge, .020, 184'/Spool	01-1316 16 Gauge, .048, 675'/Spool
01-0306 25 Gauge, .018, 214'/Spool	01-1318 18 Gauge, .040, 675'/Spool
01-0305 26 Gauge, .016, 285'/Spool	01-1319 19 Gauge, .035, 675'/Spool
01-0302 27 Gauge, .014, 285'/Spool	01-1323 22 Gauge, .022, 675'/Spool

STAINLESS CLEANING WIRE



14-0100

14-0100 12/Pk.

TITANIUM WIRE



01-6441

PACKAGE OF 10

01-6441 25 Gauge, .5mm, 30cm Long, 12"

1-800-874-7711

904-741-4400

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UNISPLINT MAXILLOFACIAL FRACTURE KIT



01-1100



01-1100 Unisplint, Maxillofacial Fracture Kit
(Contains two 5" preformed stainless steel splints, 3 yards of 24 gauge stainless steel wire and approximately 50-1/8" I.D. rubber bands)

PACKAGE OF 12 EACH

01-1101 Unisplint Maxillofacial Fracture Splint

12 PACKAGES OF 50 EACH

01-1102 Unisplint Rubber Bands, 1/8"

PACKAGE OF 50

01-1103 Ligature Wire, 25 Gauge, Dead Soft Stainless Steel, 12-3 Yard Coils

Omnisplint's™ Universal Design Assures Foolproof Application

Features of the Omnisplint™ facilitates the treatment of the fractures of mandible and maxilla. Outstanding aesthetic quality of splint is obtained due to its construction with clear Lexan® (polycarbonate resin).

- Universal design prevents upside-down placement.
- Splint can be direct bonded and/or wired to the dental arch.
- Unique polycarbonate quality allows for shaping the splints without intrinsic splint tension that could result in tooth movement.
- More economical than steel splints.
- All surfaces of the splints are very smooth reducing mucosal abrasion problems.
- The Omnisplint™ fracture system is complete, ready for emergencies.
- You may order complete kits or replacement items.
- Splint Bonding Techniques—A number of suitable bonding the Omnisplint™ to the dental arches. Refer to the supplier package inserts for the instructions on binding polycarbonate to dental enamel.

DINGMAN WIRE PASSER



01-0315

Passes up to 23 gauge wire

CURVED/SHARP

01-0315 17cm, 6-3/4"

ETM PIN & LIGATURE CUTTER



01-0326

PIN & FINE WIRE CUTTER

01-0326 15° Angle, 12cm, 4-3/4", Maximum cutting capacity: .015mm hard & soft wire

ETM HARD WIRE CUTTER



01-0339



CHROME #1000

01-0339 15° Angle, 12cm, 4-3/4",
Maximum cutting capacity:
.020" Diameter



#7001

01-0600 14cm, 5-1/2", Maximum
cutting capacity: Arch Wire up to
.022mm x .028mm

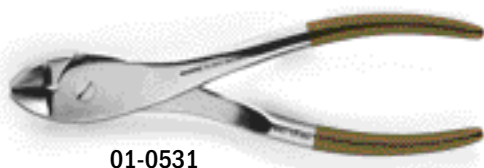
OBWEGESER WIRE CUTTER



01-7975

01-7975 11.5cm, 4-1/2"
Maximum cutting capacity: 0.3mm
soft wire

ARCH BAR CUTTER - STAINLESS



01-0531

SHARP

01-0531 11mm, 4-1/2"

LEVIN WIRE TWISTER



01-0287

DELICATE

01-0287 17cm, 6-3/4"

WIRE CUTTER TC



01-0599

SHARP

01-0599 13.5cm, 5-1/2" TC
Maximum cutting capacity: .025mm
hard wire & .0315mm soft wire

1-800-874-7711

904-741-4400

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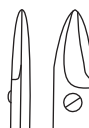
Lorenz Instrumentation

WIRE SUTURE SCISSORS



ANGLED SERRATED

01-0325 12cm, 4-3/4"



SHARP/SERRATED STRAIGHT

01-0362 12cm, 4-3/4"

SHARP/SERRATED CURVED

01-0322 12cm, 4-3/4"



SMITH WIRE CUTTING SCISSORS



STRAIGHT

01-0323 Soft Wire 16cm, 6-1/4"

Maximum Cutting Capacity:
0.3mm Hard Wire & 0.6mm

51-0928 Soft Wire 16cm, 6-1/4" TC

Maximum Cutting Capacity:
0.6mm Hard Wire & 1.0mm

SMITH WIRE CUTTER TC



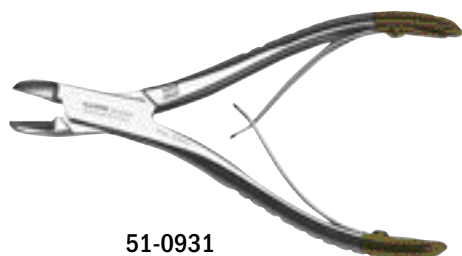
MODIFIED

51-0929 16cm, 6-1/4" TC

51-0930 12cm, 4-3/4" TC

Maximum cutting capacity: 0.6mm hard
wire & 1.0mm soft wire

WIRE CUTTING PLIER – DELICATE TC



SIDE CUTTING ANGLED

51-0931 12.5cm, 5" TC

Maximum Cutting Capacity: 0.7mm
Soft Wire

WIRE CUTTING PLIER – SIDE CUTTING TC



51-0950



51-0950

For soft wire up to 2.0mm

For hard wire up to 1.7mm



51-0960

For soft wire up to 3.0mm

For hard wire up to 2.5mm

DOUBLE ACTION ANGLED

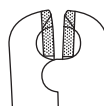
51-0950 18cm, 7" TC

51-0960 22cm, 8-3/4" TC

WIRE CUTTING PLIER – FRONT AND SIDE CUTTING TC



01-0337



DOUBLE ACTION FRONT & SIDE

01-0337 18cm, 7" TC

Maximum Cutting Capacity: 1.7mm
Hard Wire

FLAT NOSE PLIER



03-0072

03-0072 14cm, 5-1/2"

AUTOMATIC WIRE TWISTING FORCEPS TC



51-6708



CORWIN-HEGAR STANDARD INSERT

51-6708 16cm, 6-1/4" TC



CORWIN BLUNT/ STANDARD INSERT

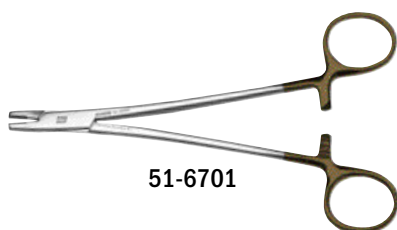
51-6709 15cm, 6" TC

CORWIN DELICATE/ STANDARD INSERT

51-6720 15cm, 6" TC



WIRE TWISTING FORCEPS – BLUNT TC



51-6701



BLUNT STANDARD INSERT

51-6700 16cm, 6-1/4" TC

51-6701 18cm, 7" TC

1-800-874-7711

904-741-4400

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WIRE TWISTING FORCEPS – DELICATE TC



DELICATE STANDARD INSERT

51-6705 16cm, 6-1/4" TC

51-6706 18cm, 7" TC



PLATE/WIRE CUTTING FORCEPS



01-9960 18.5cm, 7-1/4" TC

PIN EXTRACTOR



LIGHT MODEL

03-0073 15cm, 6"

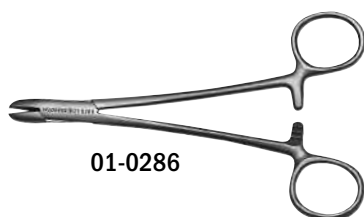
LORENZ WIRE HOLDING FORCEPS TC



STANDARD INSERT

51-6704 13cm, 5" TC

WIRE TWISTING FORCEPS



01-0286 15cm, 6"

01-0285 17cm, 6-3/4"



OBWEGESER MAXILLARY AWL



01-7825



01-0070

01-7825 18cm, 7"

SLIGHTLY CURVED

01-0070 18cm, 7"

OBWEGESER ZYGOMATIC ARCH AWL



01-0075



01-7830

01-0075 23cm, 9-1/4"

01-7830 24.5cm, 9-3/4"

OBWEGESER MANDIBULAR AWL



01-7826



01-0072

CURVED SMALL

01-7826 15cm, 6"

CURVED LARGE

01-7827 17.5cm, 7"

SLIGHTLY CURVED

01-0072 14cm, 5-1/2"

STRONGLY CURVED

01-0073 14cm, 5-1/2"

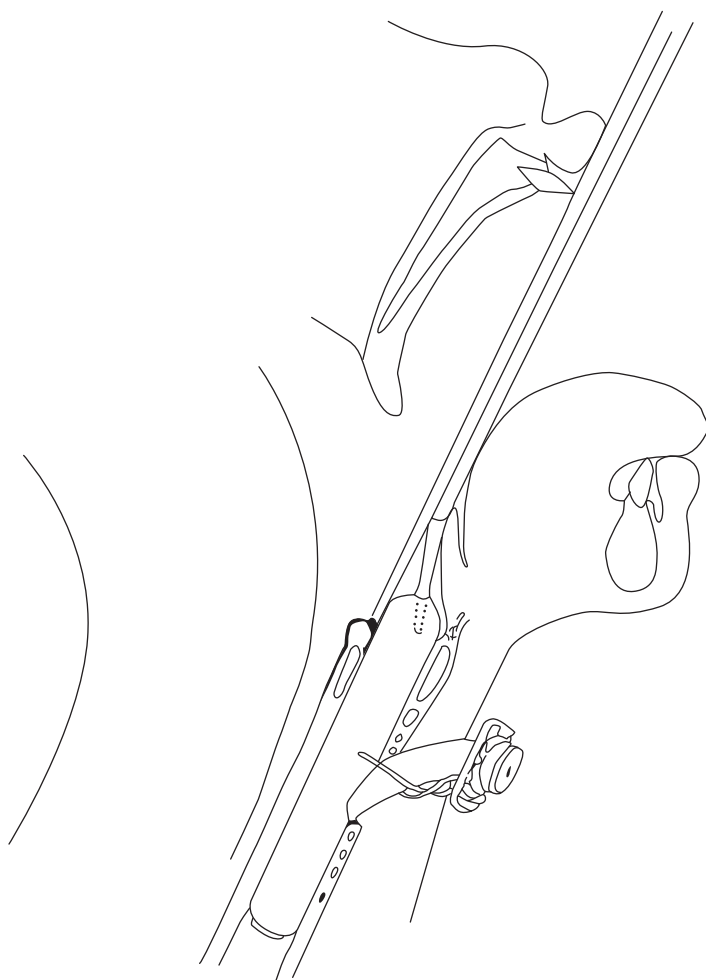
1-800-874-7711

904-741-4400

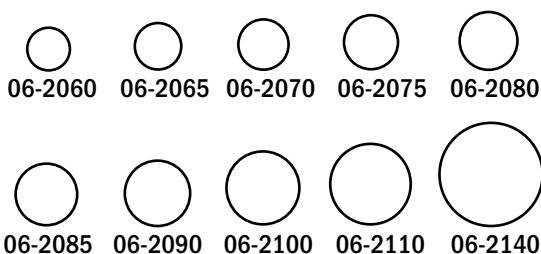
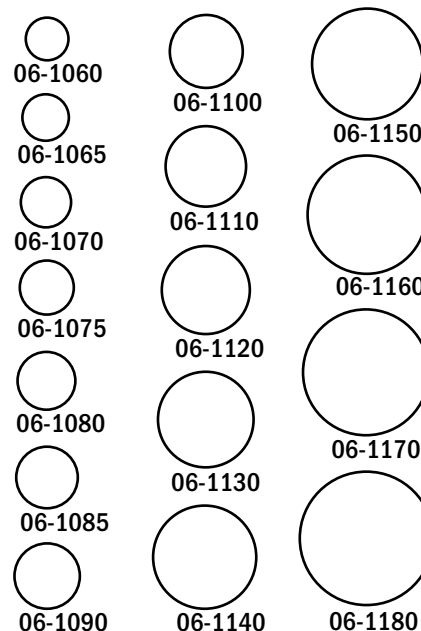
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COTTON – LORENZ LARYNGEAL PROSTHESIS



06-1060	6mm	12.5cm, 5"	06-1110	11mm	12.5cm, 5"
06-1065	6.5mm	12.5cm, 5"	06-1120	12mm	12.5cm, 5"
06-1070	7mm	12.5cm, 5"	06-1130	13mm	12.5cm, 5"
06-1075	7.5mm	12.5cm, 5"	06-1140	14mm	12.5cm, 5"
06-1080	8mm	12.5cm, 5"	06-1150	15mm	12.5cm, 5"
06-1085	8.5mm	12.5cm, 5"	06-1160	16mm	12.5cm, 5"
06-1090	9mm	12.5cm, 5"	06-1170	17mm	12.5cm, 5"
06-1100	10mm	12.5cm, 5"	06-1180	18mm	12.5cm, 5"



(For reference only, not actual size)

CAPS FOR PROSTHESIS

06-2060	6mm	06-2120	12mm
06-2065	6.5mm	06-2130	13mm
06-2070	7mm	06-2140	14mm
06-2075	7.5mm	06-2150	15mm
06-2080	8mm	06-2160	16mm
06-2085	8.5mm	06-2170	17mm
06-2090	9mm	06-2180	18mm
06-2100	10mm		
06-2110	11mm		
06-2140	14mm		

SMITH CRICOSTAT



41-0010

41-0010

The Smith Cricostat is an Emergency Airway System which allows quick access to trachea through the cricothyroid membrane. It has the following advantages:

- Easy to carry pocket size
- No assembly necessary
- Endotracheal tube attached
- Inserts similar to large bore I.V. cannula

WINTER SPLINT



01-0297

01-0297 14cm, 5-1/2"

LORENZ – BARMESH ARCH BAR



01-1154

PACKAGE OF 6

01-1154 12.5cm, 5"

ERICH ARCH BAR



01-0299



01-0295 13cm, 5"

01-0299 1 meter roll, 39.37"



RUBBER BANDS



01-0300



01-0301

PACKAGE OF 300 LARGE/HEAVY

01-0300 6mm, 1/4"

PACKAGE OF 300 SMALL/HEAVY

01-0301 4mm, 3/16"

FIBER OPTIC CABLE



01-0371

ACMI/PILLING

01-0371 Lorenz Fiber Optic
Instrument Cable, 10'

01-0370 Fiber Optic Instrument
Cable, Bi-furcated, 3.05 meters, 10'

01-0376 Fiber Optic Instrument
Cable, 6'

1-800-874-7711

904-741-4400

www.biometmicrofixation.com

Lorenz Instrumentation

SCALPEL HANDLE



16-0003



16-0001



16-0002

16-0003 #3 12.5cm, 5"
 16-0001 #3 With Metric Rule 12.5cm, 5"
 16-0002 #3L 21cm, 8"

These handles hold the following scalpel blades: #10, #11, #12, #12D, #15, & #15C

SCALPEL HANDLE



16-0004

16-0004 #4 13.5cm, 5-1/4"

This handle holds the following scalpel blades: #20, #21, #22, #23

SCALPEL HANDLE



16-0006

16-0006 #7K 12cm, 5"
 16-0007 #7 16.5cm, 6-1/2"

These handles hold the following scalpel blades: #10, #11, #12, #12D, #15, #15C

SCALPEL HANDLE



16-0027

ROUND HANDLE

16-0027 #3 Straight 14.5cm, 5"

These handles hold the following scalpel blades: #10, #11, #12, #12D, #15, #15C

SCALPEL BLADES



16-1015

16-1015 #15 Blade
 16-1115 #15C Blade

Blade quantities are 100 per box

CARROLL – GIRARD SCREW



01-0265

01-0265 9.5cm, 3-3/4"

MICRO CLAMPS



04-4502



04-4507

VESSEL DIAMETER UP TO 2MM VENOUS

04-4502 11mm, 2V
04-4505 14mm, 3A



VESSEL DIAMETER UP TO 3MM ARTERIAL

04-4507 17mm, 4A



VIENNA NASAL SPECULUM



05-0004

05-0004 13.5cm, 5-1/4" Small

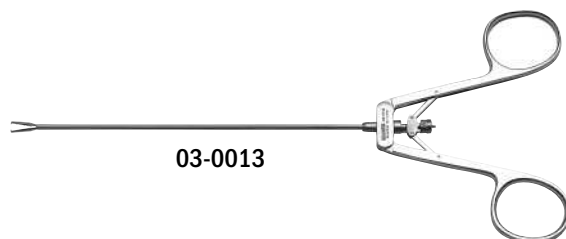
KILLIAN NASAL SPECULUM



05-0012

05-0012 Size 2
05-0013 Size 3
05-0014 Size 4

KLEINERT – KUTZ TENDON RETRIEVER



03-0013



2MM DIAMETER

03-0013 20cm, 8"

2.5MM DIAMETER

03-0012 20cm, 8"



1-800-874-7711

904-741-4400

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Lorenz Instrumentation

TENDON GOUGE



03-0010

BUNNELL DISSECTING PROBE



03-0066

CROSS CUT FISSURE BURS



42-0051

COTTLE CARTILAGE CRUSHER



02-0083



FEATHERLIGHT BULLDOG CLAMP



34-4514

JOSEPH ANGLED NASAL KNIFE



02-0017

#0

03-0009 15cm, 6"

#1

03-0010 15cm, 6"

ANGLED

03-0066 16cm, 6-1/4"

TAPERED

42-0051 702, 65mm, 2-1/2" HPS

42-0052 703, 65mm, 2-1/2" HPS

42-0053 700, 44mm, 1-3/4" HP

42-0054 701, 44mm, 1-3/4" HP

42-0055 702, 44mm, 1-3/4" HP

42-0056 703, 44mm, 1-3/4" HP

42-0057 700, 25mm, 1" FGS

42-0059 702, 25mm, 1" FGS

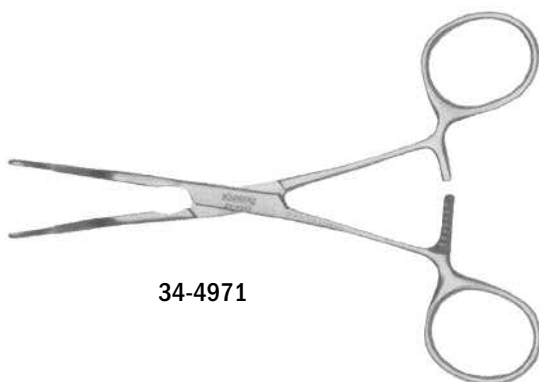
02-0083

ANGLED

34-4514 14mm tip 4cm, 1-1/2"

02-0017 18cm, 6-1/2"

GREGORY STAY SUTURE CLAMP



34-4971

STRAIGHT

34-4971 9.5cm, 3-3/4"

CLEANING BRUSHES



14-0098

SMALL

14-0098 4mm Diameter

LARGE

14-0099 10mm Diameter

LINDEMANN BUR



01-0079

01-0077 Large 2.3mm x 80mm .092 x 3-1/4"

01-0078 Medium 2.3mm x 65mm .092 x 2-1/2"

01-0079 Small 2.1mm x 44mm .082 x 1-3/4"

TESSIER TRANSNASAL TROCAR



02-5225

02-5225 1.5mm 14cm, 5-1/2"

TESSIER PERFORATOR



02-5220

02-5220 4.5mm 16cm, 6-1/4"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

MARCHAC INFANT FRONTAL MODEL



02-5510

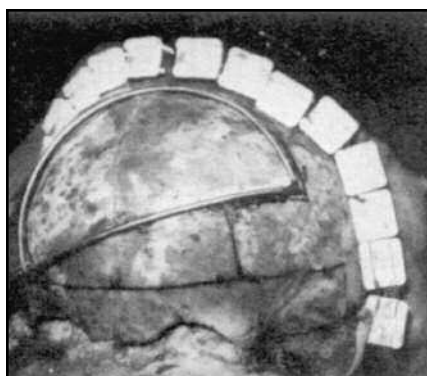
02-5513 Children/Adult
02-5510 Infant

The frontal model is used to select a piece of bone on the cranial vault of suitable shape to replace a distorted forehead. The selected piece of bone is marked with ink around the frontal model prior to repositioning it.

This example shows the large frontal model is being adjusted exactly to the double curvature of the upper forehead of a normal adult skull.

Use of the frontal model for correction of plagiocephally in a 15 month old child. The frontal model helps to select a properly curved upper forehead and to determine precisely the shape of the distorted bone to be removed.

The view after remodeling of the supraorbital bar and adjustment of the upper forehead in a good position. The posterior defect has been closed.



HEADLIGHT SYSTEM - HALOGEN

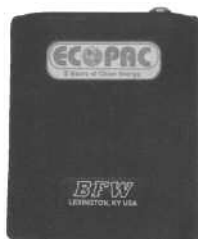


41-0027

- 41-0027 Halogen Headlight II with Wall Mount
- 41-0031 Standard Transformer
- 41-0034 Replacement Bulb for Halogen Headlight - not shown
- 41-0060 Ecopac, 2 Hour Energy Unit, Halogen Headlight
- 41-0061 Re-Energizer, Charging Unit for Ecopac



41-0031



41-0060



41-0061

INSTRUMENT/CATHETER TRAY



39-0042

- 39-0042 S/S, 12-1/8" x 7-1/2" x 2-1/2"
- 39-0045 S/S, 9" x 5" x 2"
- 39-0046 S/S, 8-1/2" x 3" x 1-1/2"

INSTRUMENT STERILIZING TRAYS



41-0355

WITH COVER

- 41-0355 10" x 10-1/2" x 3-1/2"



41-0348

WITHOUT COVER

- 41-0348 10" x 6-1/2" x 2-1/2"

INSTRUMENT TRAY



39-0034

WITHOUT COVER STAINLESS STEEL

39-0034 S/S, 9" x 5" x 2"

MAYO TRAY



39-0077

STAINLESS STEEL/FLAT INSTRUMENT TRAY

39-0077 38cm x 26.7cm x 1.6cm

STAINLESS STEEL/FLAT MAYO TRAY

39-0080 48cm x 32cm x 1.5cm

PERFORATED HIGH-SIDE TRAY

41-0399 31cm x 19.5cm x 6cm

MEASURING BEAKER



39-0050



39-0051

STAINLESS STEEL

39-0050 Grad, 16oz

39-0051 Grad, 32oz

DRESSING JAR



39-0005

STAINLESS STEEL

39-0005 S/S, 4-7/8" x 6-7/8"

FORCEPS JAR



39-0011

STAINLESS STEEL

39-0011 S/S, Large, 2-1/4" x 7-3/8"

MEDICINE CUP



39-0007

GRADUATED

39-0007 5cm x 4.5cm, 2" x 1-3/4", 2oz

IODINE CUP



39-0069

STAINLESS STEEL

39-0069 Small 8cm x 5cm, 3-1/4" x 2", 177.5cc, 6oz

39-0070 Large 11cm x 6.5cm, 4-3/8" x 2-5/8", 413ml, 14oz

SPONGE BOWL



39-0019

STAINLESS STEEL

39-0019 10.5cm x 5cm, 4-1/4" x 2", 355ml, 12oz

39-0020 14.5cm x 6cm, 5-3/4" x 2-1/2", 946ml, 1qt

39-0021 16.5cm x 7.5cm, 6-1/2" x 3", 1.3 Liters, 1-3/8qt

39-0022 18.5cm x 7.5cm, 7-3/8" x 3", 1.7 Liters, 1-7/8qt

SOLUTION BOWL



39-0026

39-0026 S/S, 13-5/8" x 4-5/8"

1-800-874-7711

904-741-4400

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Lorenz Instrumentation

EMESIS BASIN



39-0014

WASH BASIN



39-0024

RING INSTRUMENT HOLDER



39-0088

STAINLESS STEEL

39-0014 20.5cm x 9cm x 4.5cm,
8-1/8" x 3-5/8" x 1-3/4", 384ml, 13oz

39-0015 10" x 4-1/2" x 2-1/8",
768ml, 26oz

39-0024 S/S, 12-3/8" x 3-1/4", 3-7/8 qt.

WITH LOCKING DEVICE

39-0088 20cm, 8"

TRAY RECOMMENDATIONS

ORAL SURGERY

EXTRACTION TRAY:

SUTURE AND CUTTING INSTRUMENTS

1	14-0050	YANKAUER SUCTION TUBE, CHROME PLATE
2	14-6530	FRAZIER SUCTION TUBE, ANGLED, 10FR, 17CM,
2	16-0003	SCALPEL HANDLE #3, 12.5CM, 5"
1	16-1015	SCALPEL BLADE, #15, 100/BOX
1	51-0881	IRIS SCISSORS, CURVED, 11.5CM, TC
1	51-0986	KELLY SCISSORS, CURVED, 16CM, 6-1/4", TC
1	51-0990	DEAN SCISSORS, SERRATED, 17CM, 6-3/4", TC
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC
1	51-6512	MAYO-HEGAR NEEDLE HOLDER, STANDARD, 18CM, TC

FORCEPS AND HEMOSTATS

1	09-0192	COTTON PLIERS #4, SERRATED, 16CM, 6-1/4"
1	09-0437	EXTRACTING FORCEPS #150
1	09-0448	EXTRACTING FORCEPS #99C
1	09-0466	EXTRACTING FORCEPS #151
1	09-0472	EXTRACTING FORCEPS #23
1	20-0004	DRESSING FORCEPS, SERRATED, 16CM
1	20-0021	TISSUE FORCEPS, 1X2T, 16CM
1	20-0088	RUSSIAN TISSUE FORCEPS, 15CM, 6"
1	21-0028	KELLY FORCEPS, CURVED, 14CM, 5-1/2"
1	51-9772	ADSON FORCEPS, 1X2T, STANDARD, 15CM, TC

RETRACTORS

1	09-0042	MOLT MOUTH GAG, ADULT SIZE, 14CM
1	09-0043	MOLT MOUTH GAG, CHILD SIZE, 12CM
1	09-0054	MOUTH PROP, ADULT, BLACK
1	09-0056	MOUTH PROP, CHILD, BLACK
1	09-0103	U OF M TONGUE DEPRESSOR
1	09-0106	WIEDER RETRACTOR, SERRATED, LARGE BLADE

ELEVATORS AND CURETTES

1	09-0230	MOLT CURETTE #5L
1	09-0231	MOLT CURETTE #5R
1	09-0232	MOLT CURETTE #4
1	09-0233	MOLT CURETTE #2
1	09-0394	MOLT PERIOSTEAL ELEVATOR #9
1	09-0257	ELEVATOR #301
1	09-0286	CRYER ELEVATOR #31
1	09-0287	CRYER ELEVATOR #32
1	09-0298	ELEVATOR #34S
1	09-0313	ELEVATOR #77R
1	09-0322	DAVIS ROOT TIP PICK #2
1	09-0323	DAVIS ROOT TIP PICK #1
1	09-0324	DAVIS ROOT TIP PICK #3
1	09-0393	SELDIN PERIOSTEAL ELEVATOR #23, FLAT HANDLE

CHISELS AND MALLETS

1	02-0286	LIGHTWEIGHT Mallet, W/NYLON FACES
1	09-0212	BONE FILE
1	09-0215	BONE FILE, CROSSCUT
1	09-0402	CHISEL, SGL BEVEL, OCTAGONAL HANDLE, 4MM TIP
1	09-0403	CHISEL, BI-BEVEL, OCTAGONAL HANDLE, 4MM TIP

RONGEURS

1	09-0159	MINI-FRIEDMAN RONGEUR, 14CM, 5-1/2"
1	09-0161	BLUMENTHAL RONGEUR, REGULAR, 15CM, 6"
1	09-0165	CLEVELAND RONGEUR #4A, 17CM, 6-3/4"

MISC.

1	09-0578	EXPLORER #5
1	09-0581	MIRROR HANDLE, HOLLOW
1	09-0595	MOUTH MIRROR, FRONT SURFACE, SIZE 4
1	39-0015	EMESIS BASIN, S/S, 10X4-1/2X2-1/8", 260Z
1	39-0077	INSTRUMENT TRAY, S/S, FLAT, 15-1/8X10-1/2X5/8"
1	41-0110	ASPIRATING SYRINGE, 1.8CC, "C-W"

SINUS LIFT TRAY:

SUTURE AND CUTTING INSTRUMENTS

1	14-0079	LORENZ SUCTION SYSTEM, COMPLETE
2	14-6529	FRAZIER SUCTION TUBE, ANGLED, 9FR, 17CM
1	16-0003	SCALPEL HANDLE #3, 12.5CM, 5"
2	16-1115	SCALPEL BLADE, #15C, 100/BOX
1	51-0881	IRIS SCISSORS, CURVED, 11.5CM, TC
1	51-0986	KELLY SCISSORS, CURVED, 16CM, 6-1/4", TC
1	51-0990	DEAN SCISSORS, SERRATED, 17CM, 6-3/4", TC
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC

FORCEPS

1	20-9393	CUSHING FORCEPS, BAYONET, SERRATED, 18.5CM
1	21-0028	KELLY FORCEPS, CURVED, 14CM, 5-1/2"
1	51-9772	ADSON FORCEPS, 1X2T, STANDARD, 15CM, TC

RETRACTORS

1	09-0052	MOUTH PROP, LARGE ADULT, BLACK
1	09-0054	MOUTH PROP, ADULT, BLACK
1	09-0096	AUSTIN TISSUE RETRACTOR #2
1	09-0103	U OF M TONGUE DEPRESSOR
1	09-0105	WIEDER RETRACTOR, SERRATED, SMALL BLADE
1	09-0106	WIEDER RETRACTOR, SERRATED, LARGE BLADE

ELEVATORS AND CURETTES

1	09-0388	PERIOSTEAL ELEVATOR #9, 18CM, 7"
1	09-0092	WOODSON ELEVATOR #1
1	09-0225	DOUBLE-ENDED CURETTE #10
1	09-0232	MOLT CURETTE #4
1	09-0233	MOLT CURETTE #2

SINUS ELEVATORS

1	01-8261	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 1
1	01-8262	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 2
1	01-8263	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 3
1	01-8264	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 4
1	01-8265	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 5
1	01-8266	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 6
1	01-8267	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 7
1	01-8268	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 8
1	01-8269	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 9
1	01-8270	TATUM SINUS MEMBRANE ELEVATOR, FIGURE 10

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Lorenz Instrumentation

MISC.

1	09-0581	MIRROR HANDLE, HOLLOW
1	09-0595	MOUTH MIRROR, FRONT SURFACE, SIZE 4
1	39-0015	EMESIS BASIN, S/S, 10X4-1/2X2-1/8", 260Z
1	39-0077	INSTRUMENT TRAY, S/S, FLAT, 15-1/8X10-1/2X5/8"
1	41-0110	ASPIRATING SYRINGE, 1.8CC, "C-W"

SOFT TISSUE BIOPSY TRAY:SUTURE AND CUTTING INSTRUMENTS

1	09-0142	DEAN SCISSORS, SERRATED, 17CM
1	09-0148	IRIS SCISSORS, CV, 11.5CM, 4-1/2"
1	14-0050	YANKAUER SUCTION TUBE, CHROME PLATE
2	14-6530	FRAZIER SUCTION TUBE, ANGLED, 10FR, 17CM
2	16-0003	SCALPEL HANDLE #3, 12.5CM, 5"
1	23-0182	POWER CUT METZ SCISSORS, DEL, CURVED, 14CM
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC
1	51-6611	WEBSTER NEEDLE HOLDER, DEL, MICRO, 11.5CM, TC

FORCEPS AND HEMOSTATS

8	19-0007	BACKHAUS TOWEL FORCEPS, 13CM, 5"
1	21-0028	KELLY FORCEPS, CURVED, 14CM, 5-1/2"
1	22-0008	HALSTED FORCEPS, DELICATE, CURVED, 12CM
1	51-9772	ADSON FORCEPS, 1X2T, STANDARD, 15CM, TC
1	51-9773	ADSON M-FORCEPS, 1X2T, STANDARD, 15CM, TC
1	09-0120	DESMARRES CHALAZ FORCEPS, MED, 9CM
1	09-0121	DESMARRES CHALAZ FORCEPS, LRG, 9.5CM

RETRACTORS

1	09-0103	U OF M TONGUE DEPRESSOR
1	09-0106	WIEDER RETRACTOR, SERRATED, LARGE BLADE
1	09-0054	MOUTH PROP, ADULT, BLACK
1	09-0056	MOUTH PROP, CHILD, BLACK
1	09-0042	MOLT MOUTH GAG, ADULT SIZE, 14CM

MISC.

1	09-0581	MIRROR HANDLE, HOLLOW
1	09-0595	MOUTH MIRROR, FRONT SURFACE, SIZE 4
1	39-0015	EMESIS BASIN, S/S, 10X4-1/2X2-1/8", 260Z
1	39-0077	INSTRUMENT TRAY, S/S, FLAT, 15-1/8X10-1/2X5/8"
1	41-0110	ASPIRATING SYRINGE, 1.8CC, "C-W"

**HARD TISSUE BIOPSY TRAY ADD
SOFT TISSUE TRAY:**

1	09-0212	BONE FILE
1	09-0159	MINI-FRIEDMAN RONGEUR, 14CM, 5-1/2"
1	09-0165	CLEVELAND RONGEUR #4A, 17CM, 6-3/4"
1	09-0394	MOLT PERIOSTEAL ELEVATOR #9
1	09-0233	MOLT CURETTE #2
1	09-0232	MOLT CURETTE #4
1	09-0230	MOLT CURETTE #5L
1	09-0231	MOLT CURETTE #5R
1	09-0392	SELDIN PERIOSTEAL ELEVATOR #23, OCTAGONAL

CRANIOFACIAL SURGERYSUTURE AND CUTTING INSTRUMENTS

1	14-0050	YANKAUER SUCTION TUBE, CHROME PLATE
2	14-6527	FRAZIER SUCTION TUBE, ANGLED, 7FR, 17CM
2	14-6530	FRAZIER SUCTION TUBE, ANGLED, 10FR, 17CM
2	16-0003	SCALPEL HANDLE #3, 12.5CM, 5"
1	23-0151	POWER CUT WAGNER SCISSORS, STRAIGHT, SHARP/SHARP, 12CM
2	41-0110	ASPIRATING SYRINGE, 1.8CC, "C-W"
1	51-0292	STEVENS SCISSORS, CURVED, BLUNT, 11.5CM, POWER CUT, TC
1	51-0656	MAYO SCISSORS, STRAIGHT, 17CM, TC
1	51-0657	MAYO SCISSORS, CURVED, 17CM, TC
1	51-0805	METZENBAUM SCISSORS, DEL, CURVED, S/S, 14CM, TC
1	51-0821	METZ SCISSORS, DEL, CURVED, B/B, 18CM, TC
1	51-0880	IRIS SCISSORS, STRAIGHT, 11.5CM, TC
1	51-0881	IRIS SCISSORS, CURVED, 11.5CM, TC
1	51-0930	WIRE CUTTING SCISSORS, ANGLED, 12CM, TC
1	51-6502	HALSEY NEEDLE HOLDER, FINE, 13CM, 5", TC
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC
1	51-6512	MAYO-HEGAR NEEDLE HOLDER, STANDARD, 18CM, TC

FORCEPS AND HEMOSTATS

1	01-0247	ROWE'S MAX DISIMPACTION FORCEPS, LEFT, 23CM
1	01-0248	ROWE'S MAX DISIMPACTION FORCEPS, RIGHT, 23CM
1	02-0076	WALSHAM SEPTUM STRAIGHTENING FORCEPS, 22.5CM
1	02-0077	ASCH SEPTUM STRAIGHTENING FORCEPS, 21.5CM
1	02-0079	GOLDMAN SEPTUM DISPLACER, 19CM, 7-1/2"
1	02-0146	BISHOP-HARMON FORCEPS, SERRATED, 8.5CM
1	19-0018	FOERSTER FORCEPS, STRAIGHT, SERRATED, 18CM, 7"
2	21-0010	HALSTED FORCEPS, STRAIGHT, 12.5CM, 5"
2	21-0011	HALSTED FORCEPS, CURVED, 12.5CM, 5"
4	21-0020	CRILE FORCEPS, CURVED, 14CM, 5-1/2"
2	21-0049	KOCHER FORCEPS, STRAIGHT, 1X2T, 14CM
2	21-0051	KOCHER FORCEPS, CURVED, 1X2T, 14CM
2	21-0070	ROCHESTER-OCHSNER FORCEPS, STRAIGHT, 16CM

RETRACTORS AND RULERS

1	01-0096	OBWEGESER RETRACTOR, DWN, 42X11MM, 22CM
1	01-0097	OBWEGESER RETRACTOR, DWN, 55X12MM, 22CM
1	01-0103	OBWEGESER RETRACTOR, UP, 60X12MM, 22CM
1	01-0104	OBWEGESER RETRACTOR, UP, 80X16MM, 22CM
1	01-0149	HARGIS MANDIBULAR BODY RETRACTOR, 18CM, 7"
1	01-0202	WERTHER EYELID/ORBIT RIM RETRACTOR
1	09-0054	MOUTH PROP, ADULT, BLACK
1	09-0056	MOUTH PROP, CHILD, BLACK
1	09-0105	WIEDER RETRACTOR, SERRATED, SMALL BLADE
1	09-0106	WIEDER RETRACTOR, SERRATED, LARGE BLADE
2	12-0013	NIRO SKIN HOOK, SIZE 3, SHARP, 17CM, 6-3/4"
2	12-0037	RAGNELL-DAVIS RETRACTOR, DEL, 14CM
2	12-0047	JOSEPH DOUBLE HOOK, 7MM, HEAVY, 16CM
1	12-0062	DESMARRES LID RETRACTOR, 11MM, 14CM
1	12-0063	DESMARRES LID RETRACTOR, 13MM, 14CM
1	12-0064	DESMARRES LID RETRACTOR, 15MM, 14CM
2	12-0083	SMITHWICK NERVE HOOK, BLUNT, 17CM, 6-3/4"

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1	13-0005	STAINLESS RULER, MM & IN, 15CM, 6"
2	25-0010	SENN RETRACTOR, DEL, SHARP, 17CM, 6-3/4"
2	25-0011	SENN RETRACTOR, DEL, BLUNT, 17CM, 6-3/4"
1	25-0067	US ARMY RETRACTOR, DEL, 21CM, 2/SET

ELEVATORS

1	01-0258	ROWE'S ZYGOMATIC ELEVATOR, 25CM, 10"
1	01-0262	ZYGOMA HOOK ELEVATOR, SHARP, 24.5CM
1	01-0265	CARROLL-GIRARD SCREW, 9.5CM, 3-3/4"
1	02-0039	FREER SEPTUM ELEVATOR
1	02-0042	JOSEPH ELEVATOR, CURVED, 4MM, 16CM
1	02-0044	COTTLE SEPTUM ELEVATOR, DEL 21CM
1	09-0393	SELDIN PERIOSTEAL ELEVATOR #23, FLAT HANDLE

RONGEURS AND RASPS

1	02-0108	WIENER ANTRUM RASP, TROCAR, 20CM
1	09-0173	RONGEUR #4, UNIVERSAL, 14CM, 5-1/2"

WIRE AND WIRE INSTRUMENTS

1	01-0070	OBWEGESER MAXILLARY AWL, 18CM
1	01-0075	OBWEGESER ZYGO ARCH AWL, 23CM
1	01-0299	ERICH ARCH BAR, 1 METER ROLL
1	01-0300	RUBBER BANDS, LARGE, HEAVY, 6MM, 1/4", 300/PKG
1	01-0301	RUBBER BANDS, SMALL, HEAVY, 4MM, 3/16", 300/PKG
1	01-0304	LIGATURE WIRE, S/S, 28 GA, .012", 500'/SPOOL
1	01-0306	LIGATURE WIRE, S/S, 25 GA, .018", 214'/SPOOL
1	01-0308	LIGATURE WIRE, S/S, 22 GA, .025", 120'/SPOOL
1	01-0531	VANADIUM ARCH BAR CUTTER, SHARP, 13.5CM
2	09-0204	GAUZE DIRECTOR & LIGATURE TUCKER #2521
1	51-0928	SMITH WIRE CUTTER, STRAIGHT, 16CM, TC
1	51-6705	WIRE TWISTER, DEL, STANDARD, 16CM, TC

OSTEOTOMY TRAY:**SUTURE AND CUTTING INSTRUMENTS**

2	01-0077	LINDEMANN BUR, LRG, 023, 80MM, TIN
2	01-0079	LINDEMANN BUR, SMALL, 021, 44MM, TIN
1	09-0579	MIRROR HANDLE, OCTAGONAL, CONE SOCKET
1	09-0590	MOUTH MIRROR, PLANE, SIZE 5
1	14-0050	YANKAUER SUCTION TUBE, CHROME PLATE
2	14-6529	FRAZIER SUCTION TUBE, ANGLED, 9FR, 17CM
1	16-0003	SCALPEL HANDLE #3, 12.5CM, 5"
2	41-0110	ASPIRATING SYRINGE, 1.8CC, "C-W"
1	51-0292	STEVENS SCISSORS, CURVED, BLUNT, 11.5CM, POWER CUT, TC
1	51-0656	MAYO SCISSORS, STRAIGHT, 17CM, TC
1	51-0657	MAYO SCISSORS, CURVED, 17CM, TC
1	51-0751	METZENBAUM SCISSORS, CURVED, 14CM, 5-1/2", TC
1	51-0761	METZENBAUM SCISSORS, CURVED, 18CM, TC
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC
1	51-6512	MAYO-HEGAR NEEDLE HOLDER, STANDARD, 18CM, TC

FORCEPS AND CLAMPS

1	01-0422	WOLFORD SAGITTAL CLAMP, 25CM
1	01-8463	JETER-VAN SICKELS BONE CLAMP, LIGHT, 18CM
2	19-0018	FOERSTER FORCEPS, STRAIGHT, SERRATED, 18CM, 7"
4	21-0011	HALSTED FORCEPS, CURVED, 12.5CM, 5"
4	21-0020	CRILE FORCEPS, CURVED, 14CM, 5-1/2"
4	21-0064	ROCHESTER-PEAN FORCEPS, CURVED, 16CM
1	51-9748	POTTS-SMITH FORCEPS, STANDARD, 18.5CM, TC
2	51-9772	ADSON FORCEPS, 1X2T, STANDARD, 15CM, TC

RETRACTORS AND RULERS

1	01-0145	HARGIS SELF-RETAINING CORONOID RETRACTOR, 19CM
1	01-0149	HARGIS MANDIBULAR BODY RETRACTOR, 18CM, 7"
1	01-0150	HARGIS PIRIFORM RIM RETRACTOR
1	01-0165	BAUER SIGMOID NOTCH RETRACTOR, W/FO, RIGHT, 20CM
1	01-0168	BAUER SIGMOID NOTCH RETRACTOR, W/FO, LEFT, 20CM
2	01-0179	RIBBON RETRACTOR, MALL, 17/25MM, 20CM
1	01-0388	PERKINS REFERENCE INDICATOR
1	01-0416	CASTROVIEJO CALIP, STRAIGHT, 40MM, 18CM
1	01-0598	BURTON DOUBLE PALATAL RETRACTOR, 28CM
1	01-0603	BURTON MEDIAL RAMUS RETRACTOR, MEDIUM, 8MM TIP
2	01-7702	ORG OBWEGESER RETRACTOR, UP, 35X10MM, 22CM
2	01-7706	ORG OBWEGESER RETRACTOR, UP, 55X12MM, 22CM
2	01-7708	ORG OBWEGESER RETRACTOR, UP, 80X16MM, 22CM
2	01-7715	ORG OBWEGESER RETRACTOR, DN, 25X7MM, 22CM
2	01-7725	ORG OBWEGESER RETRACTOR, DN, 42X10MM, 22CM
2	01-7732	ORG OBWEGESER RETRACTOR, DN, 70X14MM, 22CM
1	01-7738	ORG OBWEGESER RMS RETRACTOR, 70X12/22MM
1	01-7745	ORG OBWEGESER CHANNEL RETRACTOR, SMALL, 8MM
1	01-8414	JOSEPH CORONOID RETRACTOR, 17CM, 6-3/4"
1	09-0103	U OF M TONGUE DEPRESSOR
1	09-0105	WIEDER RETRACTOR, SERRATED, SMALL BLADE
1	09-0106	WIEDER RETRACTOR, SERRATED, LARGE BLADE
2	12-0037	RAGNELL-DAVIS RETRACTOR, DEL, 14CM
2	12-0041	JOSEPH SINGLE HOOK, HEAVY, 15CM, 6"
2	12-0047	JOSEPH DOUBLE HOOK, 7MM, HEAVY, 16CM
1	13-0005	STAINLESS RULER, MM & IN, 15CM, 6"
1	25-0010	SENN RETRACTOR, DEL, SHARP, 17CM, 6-3/4"
1	25-0011	SENN RETRACTOR, DEL, BLUNT, 17CM, 6-3/4"
1	25-0067	US ARMY RETRACTOR, DEL, 21CM, 2/SET

ELEVATORS AND STRIPPERS

1	01-0091	OBWEGESER-FREER ELEVATOR, D/E, SHARP, SLIGHTLY CURVED, 21CM
1	01-0092	OBWEGESER-FREER ELEVATOR, D/E, SHARP, STRAIGHT CURVED, 21CM
1	01-7781	ORIG OBWEGESER PERIO ELEVATOR, FLAT, 6MM, 18CM
1	01-7783	ORIG OBWEGESER PERIO ELEVATOR, FLAT, 9MM, 18CM
1	01-7790	ORIG OBWEGESER PERIO STRIPPER, 7MM, 20CM
1	01-7820	ORIG OBWEGESER-FREER ELEVATOR, SHARP/BL, 22CM
1	09-0393	SELDIN PERIOSTEAL ELEVATOR #23, FLAT HANDLE
1	09-0394	MOLT PERIOSTEAL ELEVATOR #9

OSTEOTOMES

1	01-0406	EPKER OSTEOTOME, 6X1.2MM, STRAIGHT, 18CM, 7"
1	01-0407	EPKER OSTEOTOME, 6X1.2MM, SLIGHTLY CURVED, 18CM, 7"
1	01-0411	EPKER OSTEOTOME, 8X1.2MM, STRAIGHT CURVED, 18CM, 7"
1	01-0542	HABAL OSTEOTOME, STRAIGHT, 6MM
1	01-0544	HABAL OSTEOTOME, STRAIGHT, 8MM
1	01-0572	SPATULA OSTEOTOME, 4.5MM, 15CM
1	01-7850	ORG OBWEGESER PTERYG OSTEOTOME, 11MM
1	01-7855	ORG OBWEGESER NASAL OSTEOTOME, 6.0MM
1	01-7865	ORIG OBWEGESER WEDGE OSTEOTOME, 12MM, 22CM
1	01-7871	ORIG OBWEGESER SPLITTING OSTEOTOME, 12MM, 22CM
1	01-8410	JOSEPH OSTEOTOME, STRAIGHT, 7MM, 20CM, 8"
1	01-8412	JOSEPH OSTEOTOME, CURVED, 7MM, 20CM, 8"
1	02-0286	LIGHTWEIGHT MALLET, W/NYLON FACES

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SEPARATORS

1	01-0439	BAUER GUARDED OSTEOTOME, STRAIGHT, 8MM, 20.5CM, 8"
1	01-0441	SMITH SAGITTAL SEPARATOR, RIGHT, 9MM
1	01-0442	SMITH SAGITTAL SEPARATOR, LEFT, 9MM
1	01-0443	SMITH RAMUS SEPARATOR, 20CM, 8"
1	01-0471	REYNEKE SAGITTAL SEPARATOR, SMALL, RIGHT
1	01-0472	REYNEKE SAGITTAL SEPARATOR, SMALL, LEFT
1	01-0473	REYNEKE SAGITTAL SEPARATOR, LARGE RIGHT
1	01-0474	REYNEKE SAGITTAL SEPARATOR, LARGE, LEFT

BONE FILES, CURETTES, AND RONGEURS

1	09-0163	LUER RONGEUR, 17CM, 6-3/4"
1	09-0170	CLEVELAND BONE CUTTING FORCEPS #5, 17CM
1	09-0179	BEYER RONGEUR, 18CM, 7"
1	09-0212	BONE FILE
1	09-0215	BONE FILE, CROSSCUT
1	09-0226	DOUBLE-ENDED CURETTE #11
1	09-0232	MOLT CURETTE #4
1	09-0233	MOLT CURETTE #2

WIRE INSTRUMENTS

1	01-0306	LIGATURE WIRE, S/S, 25 GA, .018", 214'/SPOOL
1	01-0307	LIGATURE WIRE, S/S, 24 GA, .020", 184'/SPOOL
2	09-0204	GAUZE DIRECTOR & LIGATURE TUCKER #2521
1	51-0929	SMITH WIRE CUTTER, MOD, 16CM, TC
1	51-0931	WIRE CUTTING SCISSORS, ANGLED, 12CM, TC
1	51-6706	WIRE TWISTER, DEL, STANDARD, 18CM, TC

BASIC PLASTIC TRAY:**PLASTIC SURGERY****SUTURE AND CUTTING INSTRUMENTS**

1	14-0050	YANKAUER SUCTION TUBE, CHROME PLATE
2	14-6528	FRAZIER SUCTION TUBE, ANGLED, 8FR, 17CM
2	16-0003	SCALPEL HANDLE #3, 12.5CM, 5"
2	16-0007	SCALPEL HANDLE #7, 16CM, 6-1/4"
1	41-0110	ASPIRATING SYRINGE, 1.8CC, "C-W"
1	51-0182	METZENBAUM SCISSORS, DEL, CURVED, 14CM, POWER CUT, TC
1	51-0186	METZENBAUM SCISSORS, DEL, CURVED, 18CM, POWER CUT, TC
1	51-0240	IRIS SCISSORS, STRAIGHT, 11.5CM, 4-1/2", POWER CUT, TC
1	51-0242	IRIS SCISSORS, CURVED, 11.5CM, 4-1/2", POWER CUT, TC
1	51-0252	JOSEPH SCISSORS, CURVED, 14CM, 5-1/2", POWER CUT, TC
1	51-0270	PAR SCISSORS, STRAIGHT, 11.5CM, 4-1/2", POWER CUT, TC
1	51-0272	PAR SCISSORS, CURVED, 11.5CM, 4-1/2", POWER CUT, TC
1	51-0292	STEVENS SCISSORS, CURVED, BLUNT, 11.5CM, POWER CUT, TC
1	51-0393	KILNER SCISSORS, CURVED, 13CM, 5", POWER CUT, TC
1	51-0410	FACE LIFT SCISSORS, CURVED, 20CM, POWER CUT, TC
1	51-0515	OPER SCISSORS, CURVED, S/B, 14.5CM, POWER CUT, TC
1	51-0657	MAYO SCISSORS, CURVED, 17CM, TC
1	51-6502	HALSEY NEEDLE HOLDER, FINE, 13CM, 5", TC
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC
1	51-6612	WEBSTER NEEDLE HOLDER, SMOOTH, 11.5CM, TC

FORCEPS AND HEMOSTATS

6	19-0005	BACKHAUS TOWEL FORCEPS, 8CM, 3-1/4"
2	19-0018	FOERSTER FORCEPS, STRAIGHT, SERRATED, 18CM, 7"
2	21-0010	HALSTED FORCEPS, STRAIGHT, 12.5CM, 5"
4	21-0011	HALSTED FORCEPS, CURVED, 12.5CM, 5"
4	21-0019	CRILE FORCEPS, STRAIGHT, 14CM, 5-1/2"
2	22-0007	HALSTED FORCEPS, DELICATE, STRAIGHT, 12CM
2	22-0008	HALSTED FORCEPS, DELICATE, CURVED, 12CM
2	32-3401	BABY-ALLIS TISSUE FORCEPS, 4X5T, 14CM
1	51-9760	ADSON FORCEPS, STANDARD, 12CM, 4-3/4", TC
1	51-9765	ADSON-BROWN FORCEPS, STANDARD, 12CM, TC
1	51-9772	ADSON FORCEPS, 1X2T, STANDARD, 15CM, TC

RETRACTORS AND RULERS

1	01-0202	WERTHER EYELID/ORBIT RIM RETRACTOR
1	02-0146	BISHOP-HARMON FORCEPS, SERRATED, 8.5CM
1	02-0148	BISHOP-HARMON FORCEPS, 1X2T, 8.5CM
1	12-0001	FRAZIER SKIN HOOK, SHARP, 13CM, 5"
1	12-0041	JOSEPH SINGLE HOOK, HEAVY, 15CM, 6"
1	12-0042	JOSEPH DOUBLE HOOK, 2MM, HEAVY, 16CM
1	12-0067	LUER TRACHEAL RETRACTOR, S-SHAPE, 11CM, 4-1/2"
1	13-0005	STAINLESS RULER, MM & IN, 15CM, 6"
1	25-0010	SENN RETRACTOR, DEL, SHARP, 17CM, 6-3/4"
1	25-0011	SENN RETRACTOR, DEL, BLUNT, 17CM, 6-3/4"
1	25-0056	CUSHING VEIN RETRACTOR, 21.5CM, 8-1/2"
1	26-4000	WEITLANER RETRACTOR, 2X3T, SHARP, 10CM

DISSECTORS

1	02-0450	RAMIREZ GLAB-ZYG-MAND DISSECTOR
1	02-0452	RAMIREZ MASSETER FASCIA DISSECTOR
1	02-0454	RAMIREZ LATERAL ORBIT RIM DISSECTOR
1	02-0456	RAMIREZ ANGLED FOREHEAD DISSECTOR
1	02-0458	RAMIREZ TEMPORAL FASCIA DISSECTOR

CLEFT PALATE TRAY ADD BASIC PLASTIC TRAY:**SUTURE AND CUTTING INSTRUMENTS**

1	02-0060	DINGMAN MOUTH GAG, COMPLETE
1	02-0025	JETER CLEFT PALATE SCISSORS, RIGHT
1	02-0026	JETER CLEFT PALATE SCISSORS, LEFT
1	02-0027	JETER PHARYNGEAL DISSECTOR
1	02-0030	JETER/WOODSON HARD PALATE ELEVATOR, RIGHT, 17CM
1	02-0031	JETER/WOODSON HARD PALATE ELEVATOR, LEFT, 17CM
1	02-0032	JETER/KAPETANSKI CLEFT PALATE ELEVATOR, 18.5CM
1	02-0033	JETER/KAPETANSKI HARD PALATE ELEVATOR, 19CM
1	02-0034	JETER CLEFT PALATE NEEDLE HOLDER, 14CM, 5-1/2"
1	02-0035	JETER PHARYNGEAL NEEDLE HOLDER, 18CM, 7", TC
1	02-0422	PHARYNGEAL DISSECTOR
1	09-0092	WOODSON ELEVATOR #1
1	51-0990	DEAN SCISSORS, SERRATED, 17CM, 6-3/4", TC
1	09-0179	BEYER RONGEUR, 18CM, 7"
1	09-0394	MOLT PERIOSTEAL ELEVATOR #9
1	12-0007	GILLIES (CONVERSE) SKIN HOOK, SMALL, 18CM
1	16-0007	SCALPEL HANDLE #7, 16CM, 6-1/4"
1	51-0292	STEVENS SCISSORS, CURVED, BLUNT, 11.5CM, POWER CUT, TC
1	51-0262	GOLDMAN-FOX SCISSORS, CURVED, 13CM, 5", POWER CUT, TC

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1	51-0932	PAR SCISSORS, CURVED, 11.5CM, 4-1/2", TC
1	51-6611	WEBSTER NEEDLE HOLDER, DEL, MICRO, 11.5CM, TC
1	51-9712	CUSHING FORCEPS, ANGLED, 1X2, STANDARD, 18CM, TC
1	51-9788	GENERAL FORCEPS, DEL, 1X2, STANDARD, 18CM, TC
1	51-9789	SEMKEN M-FORCEPS, 1X2, FINE, 18CM, TC

CLEFT LIP TRAY ADD BASIC PLASTIC TRAY:

SUTURE AND CUTTING INSTRUMENTS

1	02-0308	UTILITY SCISSORS, DEL, CURVED, 9.5CM, 3-3/4"
1	02-0347	FOMON LOWER LATERAL SCISSORS, 11CM, 4-1/4"
1	51-0240	IRIS SCISSORS, STRAIGHT, 11.5CM, 4-1/2", POWER CUT, TC
1	51-0272	PAR SCISSORS, CURVED, 11.5CM, 4-1/2", POWER CUT, TC
1	51-0393	KILNER SCISSORS, CURVED, 13CM, 5", POWER CUT, TC
1	51-6501	DERF NEEDLE HOLDER, FINE, 12.5CM, TC
1	51-6502	HALSEY NEEDLE HOLDER, FINE, 13CM, 5", TC
1	51-6508	CRILE-WOOD NEEDLE HOLDER, FINE, 18CM, 7", TC

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1	02-0146	BISHOP-HARMON FORCEPS, SERRATED, 8.5CM
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