

BAUSCH+LOMB

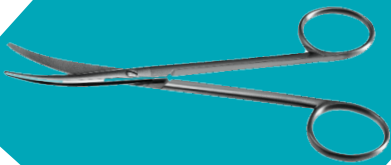
Instruments

Ear, Nose, Throat & Plastic Surgery

www.BauschInstruments.com



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Trusted Quality.
Leading Design.

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Ear, Nose, Throat & Plastic Surgery

Instrument Catalog

**For the most up-to-date listing
of available instruments, visit
www.BauschInstruments.com**

CUSTOMER SERVICE:
(800) 338-2020
Fax: (800) 362-7006
International Fax: (636) 226-3119

INSTRUMENT REPAIRS:
(800) 658-4751

CUSTOM INSTRUMENTS:
(800) 325-9505 x3779

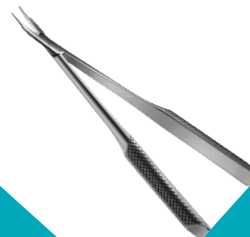
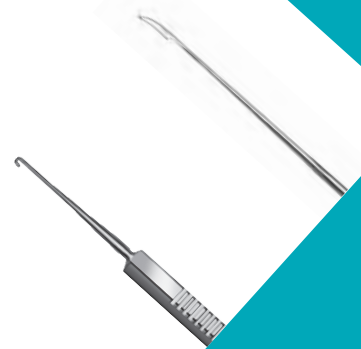
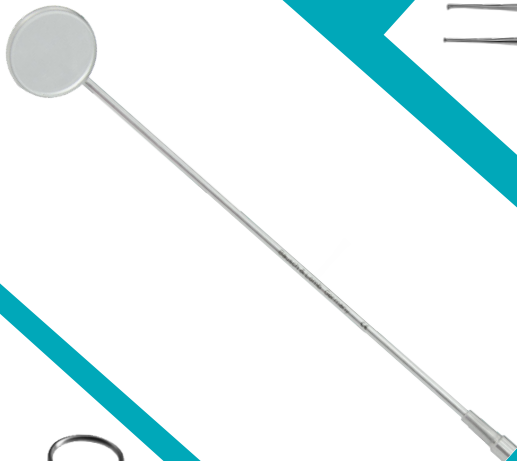
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OUR HISTORY

In 1782, after four years of training in Paris, Johann Jacob Storz returned to his hometown of Tuttlingen, Germany, to start a knife-making industry that soon became the major craft of Tuttlingen. Johann Storz's fine design and workmanship of table knives soon made his products desired in the finer homes of Germany.

Adam Storz, grandson of Johann Jacob Storz, also traveled to the French capital, this time to learn the making of surgical instruments. He too returned to Tuttlingen to help start this trade there. The knife makers who had been trained by his grandfather were quick to enter this new field, and soon Tuttlingen was also known for its instrument industry.

His son, Charles R. Storz, born in 1872, learned the surgical instrument-making trade thoroughly from his father and added to his experience in the design and manufacture of instruments at Wurzburg, one of the early medical centers of Germany. He came to the United States in 1893 and was actively designing and supervising surgical instrument manufacture until his retirement in 1960, a year before his death in his ninetieth year.

Our world craftsmanship and modern technology meet in the hands of the skilled instrument maker. Becoming an instrument maker at Bausch + Lomb requires a total understanding of metal working and the use of a variety of manufacturing machinery. Instrument makers devote five years to an apprentice program in order to qualify as a skilled surgical instrument maker ready to produce high-quality instruments.

Bausch + Lomb offers a wide range of surgical products, including a full array of instruments for ear, nose, throat and plastic surgery. To help surgeons achieve the best outcomes using their preferred techniques, Bausch + Lomb Instruments produces customized instruments for individual surgeons, providing **TRUSTED QUALITY** and **LEADING DESIGN** at their fingertips.





PARTNERS IN PRACTICE

We know how important it is for your instrumentation to be in optimal condition each time they are used and that is why we offer the services under our Partners in Practice program. From instrument repairs to cross-referencing to your Instrument DirectConnect contact, we provide you with the best resources in the industry to ease your purchasing process, maximize your budgets and extend the life of your instrumentation.

Instrument DirectConnect Specialists:

Our Surgical Instrument Specialists, Instrument DirectConnect Specialists and our Customer Service team are trained to ensure you have access to the best products and the best support possible.

Inside Sales Number 800-325-9505

- | | |
|----------------------------|---------------------------|
| ① WEST: ext. 3016 | ④ EAST CENTRAL: ext. 3048 |
| ② MID-STATES: ext. 3205 | ⑤ SOUTHEAST: ext. 3558 |
| ③ UPPER MIDWEST: ext. 3427 | ⑥ UPPER EAST: ext. 3046 |

For the most up-to-date listing of available instruments, visit www.BauschInstruments.com



TRUSTED QUALITY

For over 120 years, Bausch + Lomb Instruments has been recognized throughout the world for our craftsmanship of high quality surgical instruments. With an average of over 20 years of service, each of our instrument craftsmen draw on their skill to produce the finest instruments using select, certified US and German stainless steel alloys and titanium. Our rigorous apprenticeship program ensures each instrument craftsman adheres to the quality standards of the Bausch + Lomb Instruments brand, taking the extra steps necessary to deliver the high quality instruments you expect. We stand behind our instruments with a guarantee that they will be free from defects in workmanship and material. Bausch + Lomb Instruments: providing trusted quality that you can rely on for all of your ear, nose, throat and plastic surgery procedures.

There is a difference.
Quality craftsmanship for over 120 years.



LEADING DESIGN

We know the best ideas come from those with first hand experience using our products. That is why we partner with designing surgeons around the world to develop new instrument designs that meet the needs of today's surgeon and tomorrow's procedures. Our instruments are designed by surgeons for enhanced surgical control, advancing the art of surgical procedures for ear, nose, throat and plastic surgery. Through our New Product Development Program, we welcome the opportunity to work with you on creating new instrumentation that meets the challenges of your surgical techniques to provide the finest patient care possible.

There is a difference.
Trusted Quality. Leading Design.

RED CARPET REPAIR

Red Carpet® Repair Service:

All surgical instruments eventually require maintenance and repair, and no one is better suited to recondition your instruments than Bausch + Lomb. The Red Carpet® Repair Service* program is designed to return your instruments to “like new” condition and preserve your investment, ensuring long-lasting service at a fraction of the cost of replacement. Our skilled instrument craftsmen will:

- Straighten, adjust and reform teeth of forceps
- Straighten, sharpen or adjust hooks, elevators and manipulators
- Sharpen blades, replace screws and adjust spring tension of scissors
- Clean and passivate instruments to resurface and protect against corrosion
- Laser-etch codes and markings for easy identification

Repairs are performed using original manufacturer parts when necessary

Enroll in Red Carpet® Repair Service at **www.BauschInstruments.com** or contact us at (800) 658-4751 to schedule your next repair.

*Red Carpet Service is not applicable to diamond knives, endoscopes, tonometers, I/A tips and handles, Algerbrushes.





BAUSCH+LOMB
Instruments
Ear, Nose, Throat & Plastic Surgery

PREVENTATIVE MAINTENANCE

Instrument Preventative Maintenance:

Keep your instruments in like new condition with the Instrument Preventative Maintenance Program. Send us your complete surgical instrument trays and have the following service performed by our experienced instrument staff:

- Inventory and cross-reference your instruments
- Clean your instruments using our proprietary restoration process
- Standard adjustments performed by our experienced craftsmen to ensure they are in like new condition for your next surgical procedure
- Our instrument craftsman will assess your instruments and:
 - Notify you of any issues related to instrument condition, cleaning and sterilization
 - Make recommendations for repairs and suggestions for proper instrument storage

Contact your Instrument Representative or the Repair Department at **(800) 658-4751** for additional information.**

Cross-Reference Service:

Our cross-reference service is designed to help ensure you have the highest quality instrumentation on your instrument trays. Use our instrument expertise to convert a competitive pattern to the premium quality and value of Bausch + Lomb Instruments. You can take advantage of this service through your local Surgical Instrument Specialist, your Instrument DirectConnect contact or by going to www.BauschInstruments.com for our easy to use online Cross-Reference tool.

**Preventative Maintenance pricing does not include needed repairs or shipping charges. Preventative maintenance not available on diamond knives, endoscopes, tonometers, I/A tips and handpieces and Algerbrushes.

EDUCATIONAL SUPPORT

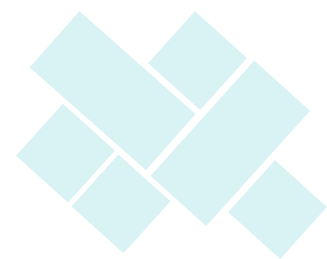
Educational Support:

Engage in continuing education programs to receive contact hours approved by AORN, CBSPD and IAHCSMM. Accessed through www.BauschInstruments.com or your local Surgical Instrument Specialist, we offer two educational programs designed to educate you and your staff on the instruments and the steps necessary to properly maintain surgical instrumentation. In addition, your local Surgical Instrument Specialist is prepared to train you and your staff on the proper cleaning and processing techniques for surgical instrumentation. Contact your Surgical Instrument Specialist or your Instrument DirectConnect Specialist for more details.

Effective Management of Surgical Instruments:

This program is designed to teach the participant the steps necessary to properly maintain surgical instrumentation including cleaning, lubrication, sterilization preparation, sterilization, and storage. In addition, the participant will complete the program with knowledge of several problem solving techniques as well as special handling requirements for microsurgical instrumentation including vitreoretinal instruments and diamond knives.

Contact your Surgical Instrument Specialist or your Instrument DirectConnect Specialist for more details.



APPLICATORS

Applicators 2

Applicators

Farrell Applicator 16mm

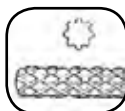
- 16mm.
- Overall length: 140mm, 5.5 inches.

Catalog

N2000 A

End

Rough-twist end



N2001 A

Triangular end



Lathbury Applicator 15mm

- 15mm.
- Stainless steel.
- Overall length: 150mm, 6.0 inches.

Catalog

N2010 B

End

Rough-twist end



N2011 B

Triangular end



*Not Available in Canada.

CALIPERS & RULERS

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Rulers..... 6

Calipers & Rulers

CALIPERS

E2404

Castroviejo Caliper

- Caliper measures from 0mm to 20mm in 1mm increments with scale reading on both sides.
- Thumbscrew holds tips apart at desired setting.
- Features polished finish.
- Overall length: 86mm, 3.4 inches.



E2405

Castroviejo Marking Caliper Curved

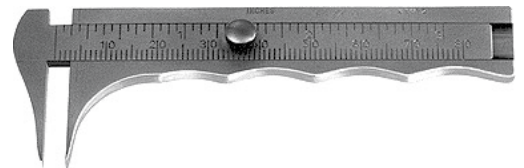
- Curved 45° shafts with grooves for marking fluid.
- Caliper measures from 0mm to 20mm in 1mm increments with scale reading on both sides.
- Thumbscrew holds tips apart at desired setting.
- Features polished finish.
- Overall length: 86mm, 3.4 inches.



E2410

Jameson Caliper

- Measures 0mm to 80mm in 1mm increments and 0 to 3 inches in 1/16 inch increments.
- Features include narrow, flat 3mm tips and a thumbscrew for locking the caliper at the desired setting.
- Dull finish.
- Overall length: 94mm, 3.7 inches.



E2414

Thorpe Caliper

- Measures up to 80mm with 1mm increments and 3 inches in 1/16 inch increments.
- Features fine 3mm wide angulated tips and a thumbscrew for locking the caliper at desired setting.
- Dull finish.
- Overall length: 122mm, 4.8 inches.



*Not Available in Canada.

CALIPERS - MIDDLE EAR

N1685 J15 Austin Strut Caliper

- 3.5mm, 4mm and 4.5mm from tip.
- 6mm from angle to tip.
- Angled 10°.
- Round handle.
- Overall length: 160mm, 6.4 inches.

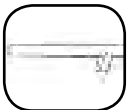


House Strut Caliper

- Round handle.
- Malleable shaft.
- Overall Length: 168mm, 6.7 inches.



Catalog #	Marker From Tip
N1705 70A	3.5mm
N1705 70B	4.0mm
N1705 70C	4.5mm
N1705 70D	5.0mm



*Not Available in Canada.

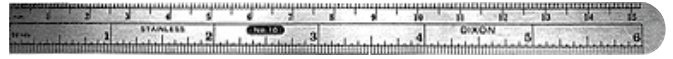
Calipers & Rulers

RULERS

E2420

Stainless Steel Flexible Ruler

- Measures up to 152mm in 1mm increments and 6 inches in 1/32 inch increments.
- Deeply etched graduations and dull finish.
- Overall length: 159mm, 6.3 inches.



*Not Available in Canada.

CHISELS, MALLETS, & OSTEOTOMES

Chisels	8
Mallets	9
Osteotomes	9

Chisels, Mallets, Osteotomes

CHISELS

Chisels

Ballenger Chisel

- V-shaped.

Catalog #	Width	Overall Length
N2304	4mm	148mm, 5.8 inches
N2306	6mm	162mm, 6.4 inches
N2308	8mm	148mm, 5.8 inches



N4361 Converse Guarded Chisel Left

- 6mm cutting edge.
- Curved left.
- Overall length 190mm, 7.5 inches.



N4360 Converse Guarded Chisel Right

- 6mm cutting edge.
- Curved right.
- Overall length 190mm, 7.5 inches.



N4345 Cottle Chisel

- 6mm wide.
- Curved.
- Centimeter markings at 4, 5, 6 and 7.
- Overall length 184mm, 7.2 inches.



N2290 Freer Chisel

- 5mm wide.
- Overall length 165mm, 6.5 inches.



*Not Available in Canada.

Chisels, Mallets, Osteotomes

N1705 30 House Footplate Chisel

- Straight.
- 0.5mm wide tip.
- Angled shaft.
- Flat handle.
- 60mm angle to tip.
- Overall length: 156mm, 6.1 inches.



MALLETS

N1780 Copper Mallet

- Small.
- Overall length 166mm, 6.6 inches.



N1782 Lead Filled Mallet

- Stainless steel jacket.
- No plating.
- Substantial handle for well-balanced grip.
- Overall length 180mm, 7.2 inches.



OSTEOTOMES

N4367 Anderson-Neivert Osteotome Left

- Curved left.
- 4mm.
- With guard.
- Overall length 205mm, 8.1 inches.



N4366 Anderson-Neivert Osteotome Right

- Curved right.
- 4mm.
- With guard.
- Overall length 205mm, 8.1 inches.



*Not Available in Canada.

Chisels, Mallets, Osteotomes

N4380 Cinelli Osteotome

- Straight.
- 10mm.
- Double-guarded.
- Overall length 158mm, 6.2 inches.



N4362 Converse Osteotome

- Straight.
- 6.0mm.
- With guard.
- Overall length 190mm, 7.5 inches.



Cottle Osteotome

- Straight
- Both corners rounded.
- Overall length 184mm, 7.2 inches.



Catalog #	Width
N4334	4mm
N4337	6mm

*Not Available in Canada.

Chisels, Mallets, Osteotomes

N4370 Neivert Osteotome

- Straight.
- 4mm.
- With guard.
- Overall length 203mm, 8.0 inches.



Osteotome

- Straight
- Overall length 159mm, 6.2 inches.

Catalog # Width

N4302 2mm

N4303 3mm

N4304 4mm

N4305 5mm

N4306 6mm

N4318 8mm

N4320 10mm

N4322 12mm

N4372 Parkes Lateral Osteotomy Osteotome

- Straight.
- 4mm.
- With Guard.
- Overall length 184mm, 7.2 inches.



*Not Available in Canada.

Chisels, Mallets, Osteotomes

Rubin Osteotome

- Straight
- Both corners rounded.
- With finger grip.
- Overall length 159mm, 6.2 inches.

Catalog #	Width	Cutting Edge
N4343	12mm	10mm
N4343 14	14mm	12mm
N4344	16mm	14mm



N4377 Silver Osteotome Left

- Curved left.
- 4mm.
- With guard.
- Overall length 183mm, 7.2 inches.



N4376 Silver Osteotome Right

- Curved right.
- 4mm.
- With guard.
- Overall length 183mm, 7.2 inches.



*Not Available in Canada.

CURETTES

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ADENOID

Barnhill Adenoid Curette

- Curved.



Catalog #	Tip	Cutting Edge	Overall Length
N6000 0*	13mm x 14mm	10mm	214mm, 8.5 inches
N6000 1*	15mm x 16mm	12mm	214mm, 8.5 inches
N6000 2*	17mm x 18mm	15mm	214mm, 8.5 inches
N6000 3*	19mm x 20mm	16mm	219mm, 8.8 inches
N6000 4*	21mm x 22mm	18mm	219mm, 8.8 inches



Jones Adenoid Curette



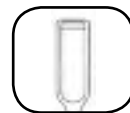
Catalog #	Tip	Cutting Edge	Overall Length
N6030 1*	Infant Size 6mm x 10mm	4mm	213mm, 8.5 inches
N6030 2*	Child Size 8mm x 15mm	6mm	223mm, 8.9 inches
N6030 3*	Adult Size 10mm x 20mm	8mm	225mm, 9.0 inches



*Not Available in Canada.

N6025* Middleton Adenoid Curette

- Long, narrow 10mm x 25mm tip.
- 7mm cutting edge.
- Overall length: 226mm, 9.0 inches.



Adenoid



Reverse Curve Adenoid Curette



Catalog #	Tip	Cutting Edge	Overall Length
N6010 0*	13mm x 14mm	10mm	208mm, 8.3 inches
N6010 1*	15mm x 16mm	12mm	208mm, 8.3 inches
N6010 2*	17mm x 18mm	15mm	214mm, 8.4 inches
N6010 3*	19mm x 20mm	16mm	208mm, 8.3 inches



N6015* Vogel Adenoid Curette

- Infant size.
- 9mm x 12mm curved tip.
- 7mm curette edge.
- Overall length: 213mm, 8.5 inches.



*Not Available in Canada.




LOOPS

Loops

Billeau Ear Loop

- Flexible shaft.
- Round handle.



Catalog #	Size	Loop Size	Overall Length	
N0410 1	Small	2mm x 3mm	161mm, 6.3 inches	
N0410 2	Medium	3mm x 5mm	162mm, 6.4 inches	
N0410 3	Large	4mm x 7mm	163mm, 6.4 inches	

X0898* House-Billeau Ear Loop

- 3.5mm oval.
- Teflon coated.
- Overall length: 164mm, 6.5 inches.



*Not Available in Canada.

OTOLOGIC, BASIC

Buck Ear Curette

- Slightly angled tip.
- Round handle.

Catalog #	Diameter	Overall Length
N0400 00	1mm	151mm, 6.0 inches
N0400 0	1.5mm	152mm, 6.0 inches
N0400 1	2mm	152mm, 6.0 inches
N0400 2	2.5mm	153mm, 6.0 inches
N0400 3*	3mm	153mm, 6.0 inches



Otologic, Basic

Buck Ear Curette Sharp

- Slightly angled tip.
- Round handle.
- Sharp.

Catalog #	Diameter	Overall Length
N0402 00	1mm	151mm, 6.0 inches
N0402 1*	2mm	152mm, 6.0 inches



*Not Available in Canada.

Curettes

Otologic, Basic | Otologic, Micro

Shapleigh Ear Curette

- Very delicate.
- Serrated loop.
- Flexible shaft.
- Flat handle.



Catalog #	Size	Loop	Overall Length
N0405 1	Small	1.5mm	163mm, 6.4 inches
N0405 2	Large	2mm	163mm, 6.4 inches



OTOLOGIC, MICRO

N1708 |* Fowler Double-End Curette

- 2mm cups.
- One end angled.
- Overall length: 179mm, 7.0 inches.



*Not Available in Canada.

House Curette

- Double-ended.
- Flat handle with serrations.
- 2mm x 2.5mm cups and 2.25mm x 3mm cups.

Catalog

N1705 I

N1705 K

N1705 J

Angle

Light

35°

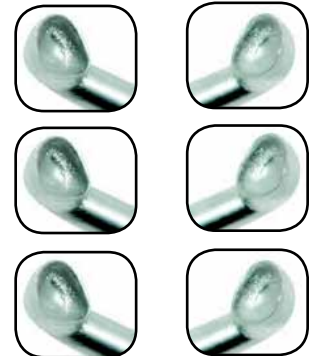
35°

Overall Length

178mm, 7.0 inches

152mm, 6.0 inches

180mm, 7.2 inches



Otologic, Micro

Sheehy-House Knife Curette

- Semi sharp.
- Round handle.
- Straight shaft, malleable.
- Overall length: 168mm, 6.6 inches

Catalog

N1705 16

N1705 17

Diameter Blade Size

2mm

2.5mm

Referred To As

Small Weapon

Large Weapon



Sprague Ear Curette

- Curved loop.
- Round handle.
- Overall length: 174mm, 6.9 inches.

Catalog

NO415 1

NO415 2

Size

Small

Large

Loop Size

2mm

3mm



*Not Available in Canada.

SINUS

N2912

Antrum Curette

- 1.5mm x 6mm cup.
- Overall length: 190mm, 7.5 inches.



Coakley Antrum Curette



Catalog #	Size	Curve	Tip Size	Overall Length	
N2750 5*	Small	Strong	5mm x 7mm	168mm, 6.7 inches	
N2750 1*	Large	Light	6mm x 8mm	174mm, 7.0 inches	
N2750 3*	Large	Strong	6mm x 9mm	170mm, 6.8 inches	

*Not Available in Canada.

DEPRESSORS

Tongue.....22

Depressors

N7332 Weeder Tongue Depressor Adult

- Adult size.
- Wide serrated end 35mm to 15mm.
- Distance between end and bend: 1.5 inches.
- Overall length: 140mm, 5.7 inches.



N7330 Weeder Tongue Depressor Child

- Child size.
- Wide serrated end 28mm to 15mm.
- Overall length: 130mm, 5.2 inches.



*Not Available in Canada.

DISSECTORS

Otological.....24

Tonsil25

Dissectors

OTOLOGICAL

House-Crabtree Dissector-Pick

- Flattened tip, angled 90°.
- Straight shaft.
- Round handle.
- Overall length: 168mm, 6.6 inches

Catalog #

N1705 83JS*

Tip

1.5mm

Referred to As

N1705 83J*

2.5mm

Jimmy



N6670 Fischer Tonsil Knife and Dissector

- 15mm curved blade.
- Straight outer blade.
- Serrated opposite blade.
- Overall length: 210mm, 8.3 inches.



N6752* Hurd Dissector and Pillar Retractor Large

- Double-ended.
- Large, standard pattern.
- 8mm x 18mm dissector.
- 13mm retractor.
- Overall length: 224mm, 8.8 inches.



N6750* Hurd Dissector and Pillar Retractor Small

- Double-ended.
- Small, standard pattern.
- 7mm x 22mm dissector.
- 11mm retractor.
- Overall length: 224mm, 8.8 inches.



*Not Available in Canada.

N1706 **McElveen-Hitselberger Neural Dissector**

- Extremely sharp 2.25mm cutting surface.
- Angled 90°.
- Round handle.
- Overall length: 162mm, 6.4 inches.



TONSIL

N6735* **Lothrop Tonsil Knife Dissector**

- Double-ended.
- 10mm curved blade.
- 12mm bayonet shaped blade.
- Overall length: 210mm, 8.3 inches.

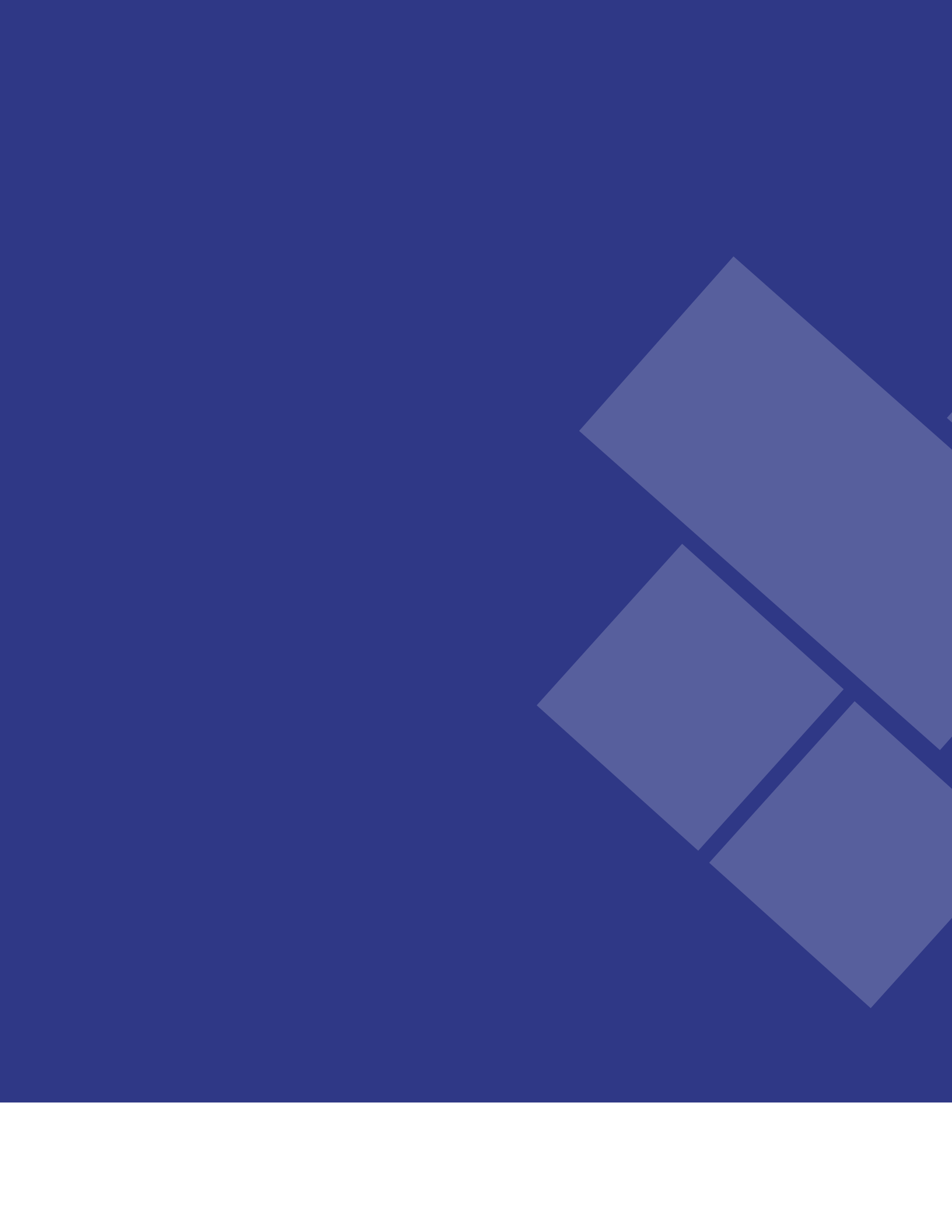


N6760* **Morrison-Hurd Dissector and Pillar Retractor**

- Double-ended.
- 7mm x 22mm dissector with serrated edges.
- 10mm retractor.
- Serrated handle with offset shafts.
- Overall length: 224mm, 8.8 inches.



*Not Available in Canada.



ELEVATORS

Elevators28

Elevators

N2352 Ball End Elevator

- Double-ended.
- Overall length: 190mm, 7.4 inches.



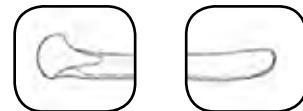
N4655 Boies Nasal Fracture Elevator

- 9mm wide tip.
- Overall length: 195mm, 7.6 inches.



N4660 Cottle Septum Elevator

- Double-ended.
- 4mm x 4mm round end and 3mm spatula end.
- Overall length: 225mm, 8.8 inches.



Freer Septum Elevator

- Double-ended.
- Sharp and blunt tips.



Catalog #

N2348

Tip Size

4.5mm

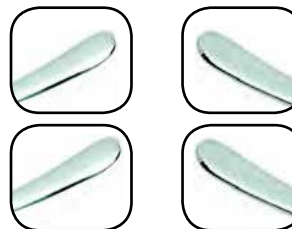
Overall Length

190mm, 7.5 inches

N2349

6.5mm

195mm, 7.6 inches



N4640 Gillies Zygoma Elevator

- 9mm wide tip.
- 35mm from angle to tip.
- Overall length: 225mm, 8.8 inches.



*Not Available in Canada.

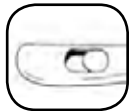
N4657 **Goldman Displacer Septum Elevator**

- 6mm wide tip.
- Gentle tapered blade.
- Overall length: 190mm, 7.4 inches.



N2346 **Gorney Septum Suction Elevator**

- 3mm tip.
- Overall length: 216mm, 8.5 inches.



N2358 **Hajek-Ballenger Elevator**

- Double-ended.
- Blunt and semi sharp 5mm tips.
- Overall length: 197mm, 7.7 inches.



N1138 **Henner Elevator**

- Double-ended.
- 2mm wide.
- Overall length: 189mm, 7.4 inches.



N1705 D **House Elevator 1mm**

- 1mm x 12mm.
- Angled 15°.
- Referred to as the "Gimmick."
- Straight shaft.
- Round handle.
- Overall length: 168 mm, 6.7 inches.



N1132* **House Elevator 3mm**

- 3mm wide.
- Octagonal handle.
- Overall length: 180mm, 7.0 inches.



*Not Available in Canada.

Elevators

N4610 Joseph Periosteal Elevator

- 4mm wide tip.
- Overall length: 170mm, 6.6 inches.



N1124 Lempert Elevator 7mm

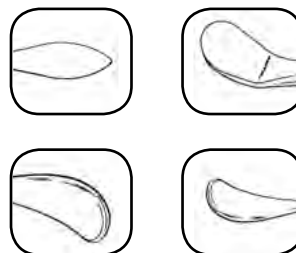
- 7mm curved tip.
- Overall length: 183mm, 7.2 inches.



Louisville Elevator

- Double-ended.
- Overall length: 170mm, 6.7 inches.

Catalog #	Size	Tips
N5141*	Large	3mm pointed and 5mm angled
N5140*	Small	3mm x 5mm and 4mm x 5mm



N2341* McCullough Elevator

- Double-ended.
- 3mm round semi sharp end and 2.75mm elevator end.
- Angled 45°.
- Overall length: 185mm, 7.3 inches.



N2340 McKenty Periosteal Elevator

- 4mm wide tip.
- Overall length: 124mm, 4.8 inches.



*Not Available in Canada.

N1685 S19 Paparella Elevator-Knife

- Duckbill type, sharp.
- 3mm x 8mm curved blade.
- Octagonal handle.
- Overall length: 163mm, 6.5 inches.



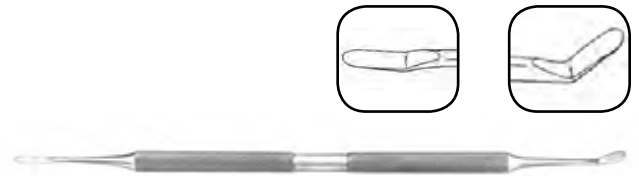
N2362 Pierce Elevator

- Double-ended.
- 5mm x 7mm tips.
- Overall length: 188mm, 7.4 inches.

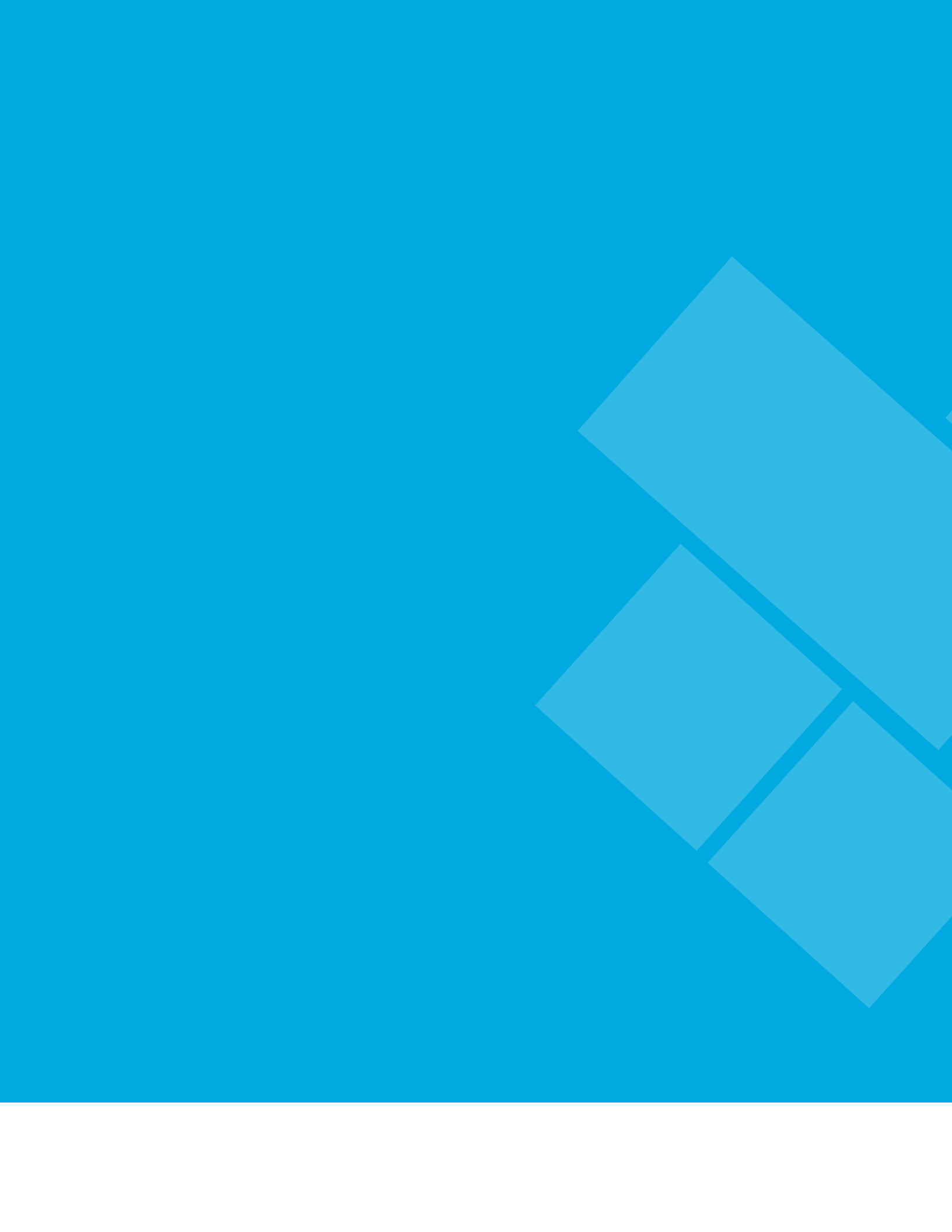


N2351 Woodson Elevator

- Double-ended.
- 4mm x 10mm flat edge like scraper and 2mm x 11mm semi sharp tip.
- Overall length: 176mm, 6.9 inches.



*Not Available in Canada.



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Forceps

BIPOLAR

S2050 11 **Adson Bipolar Forceps**

- Regular tip.
- 1mm x 13mm.
- Serrated.
- Overall length: 126mm, 5.0 inches.



S2050 11D **Adson Bipolar Forceps Insulated**

- Regular tip.
- 1mm x 13mm.
- Serrated.
- Insulated.
- Overall length: 126mm, 5.0 inches.



S2050 5D **Bayonet Bipolar Forceps Insulated**

- Regular tip.
- 2mm x 3mm.
- Insulated.
- 100mm working length.
- Overall length: 214mm, 8.4 inches.



S2050 3D **Cushing Bipolar Forceps**

- Fine tip.
- 1mm x 11mm.
- Insulated.
- Overall length: 186mm, 7.3 inches.



S2050 1D **Jeweler Type Bipolar Insulated Forceps**

- Straight shafts with micro tips and sandblast finish.
- Insulated smooth handle.
- Overall length: 119mm, 4.7 inches.



*Not Available in Canada.

S2050 16 **McCullough Bipolar Forceps**

- Straight shafts with rounded tips.
- Smooth handle with dull finish.
- Overall length: 108mm, 4.5 inches.



N1705150 **Sheehy Ossicle Holding Clamp**

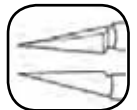
- 5mm teeth.
- 1.5mm x 4mm vertical grooves.
- 18mm from tip to end of serrations.
- Thumbscrew.
- Overall length: 121mm, 4.8 inches.



Bipolar

S2050 2 **Straight Bipolar Forceps**

- Regular tip.
- 1.5mm x 3mm.
- Overall length: 138mm, 5.4 inches.



S2050 2D* **Straight Bipolar Forceps Insulated**

- Regular tip.
- 1.5mm x 3mm.
- Insulated.
- Overall length: 138mm, 5.4 inches.



*Not Available in Canada.

CHALAZION

E2640 **Baird Chalazion Forceps**

- Oval solid 15mm wide lower plate.
- Open upper plate with inside dimensions 11mm x 8mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 97mm, 3.8 inches.



E2604 **Demarres Chalazion Forceps - 24mm**

- Oval solid 24mm wide lower plate.
- Open upper plate with inside dimensions 12mm x 20mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 92mm, 3.6 inches.



E2610 **Francis Chalazion Forceps**

- Oval solid 17mm wide lower plate.
- Open upper plate with inside dimensions 12mm x 14mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 97mm, 3.8 inches.



E2614 **Heath Chalazion Forceps**

- Oval solid 16mm wide lower plate.
- Open upper plate with inside dimensions 12mm x 14mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 96mm, 3.8 inches.



E2618 **Hunt Chalazion Forceps**

- Round solid 15mm wide lower plate.
- Open upper plate with inside diameter 12mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 97mm, 3.8 inches.



*Not Available in Canada.

E2632 Lambert Chalazion Forceps - Large

- Round solid lower plate.
- Open upper plate with inside diameter 15mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 97mm, 3.8 inches.



E2630 Lambert Chalazion Forceps - Small

- Round solid 10mm wide lower plate.
- Open upper plate with inside diameter 8mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 92mm, 3.6 inches.



Chalazion | Dressing

DRESSING

Adson Dressing Forceps



Catalog #	Tip	Overall Length
N5402	10mm	121mm, 4.8 inches
N5406	1mm x 13mm, extra long	122mm, 4.8 inches
N5415	1mm x 14mm, delicate	150mm, 5.9 inches



E1506 Bishop-Harmon Dressing Forceps

- Straight crisscross serrated tips.
- Flat handle with holes and polished finish.
- Overall length: 86mm, 3.4 inches.



*Not Available in Canada.

Forceps

N1845* Dressing Forceps

- 2mm x 16mm tip.
- Overall length: 130mm, 5.1 inches.

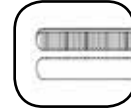
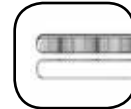


Dressing Forceps with Serrations

- Serrated handle with polished finish.



Catalog #	Tips	Curved/Straight	Overall Length
E1408	Delicate	Curved strong	97mm, 3.8 inches
E1406	Delicate	Gently curved	99mm, 3.9 inches
E1400	Delicate	Straight 11mm	100mm, 3.9 inches
E1410	Heavy	Gently curved	98mm, 3.9 inches
E1404	Heavy	Straight 12mm	103mm, 4.1 inches



N2862 Gruenwald Nasal Dressing Forceps

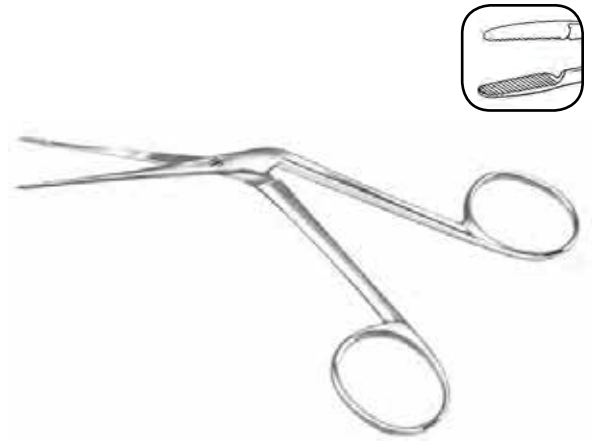
- 2mm x 18mm tip.
- 105mm working length.
- Overall length: 203mm, 8.0 inches.



*Not Available in Canada.

N0982 Hartman Ear Dressing Forceps

- Delicate.
- 2mm x 6mm tip.
- 50mm mid-screw to tip.
- Overall length: 130mm, 5.1 inches.



Dressing

Lucae Dressing Forceps



Catalog #	Size	Tips	Ear/ Nasal	Working Length	Overall Length
N0902	1.5mm x 18mm	Standard Pattern	Ear	66mm	144mm, 5.7 inches
N0900	2mm x 16mm	Delicate	Ear	72mm	145mm, 5.7 inches
N2856	2mm x 17mm	Delicate	Nasal	83mm	160mm, 6.3 inches
N2858	2.5mm x 19mm	Standard Pattern	Nasal	83mm	160mm, 6.3 inches

*Not Available in Canada.

Forceps

N2941 Noyes Nasal Dressing Forceps

- Alligator type.
- 2.5mm x 16mm tip.
- 115mm working length.
- Overall length: 180mm, 7.1 inches.



N0986 Tobey Ear Dressing Forceps

- Very delicate.
- 1.7mm x 3mm tip.
- 49mm mid-screw to tip.
- Overall length: 138mm, 5.4 inches.



*Not Available in Canada.

FIXATION

Castroviejo Fixation Forceps

- Straight shafts.
- 1 x 2 teeth.
- Wide serrated handle with polished finish.
- Overall length: 109mm, 4.3 inches.



Catalog #

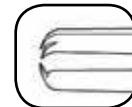
E1793 US

Teeth

0.3mm

Overall Length

108mm, 4.3 inches



E1795 US

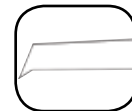
0.5mm

109mm, 4.3 inches



E1684 Elschmig Fixation Forceps Narrow

- Straight shafts.
- 2.0mm, 1 x 2 Elschmig style teeth.
- Serrated handle with polished finish.
- Handle: Narrow.
- Overall length: 109mm, 4.3 inches.



E1560 Graefe Fixation Forceps

- Narrow 3.5mm tip with fine teeth.
- Overall length: 108mm, 4.3 inches.



*Not Available in Canada.

Forceps

Graefe Fixation Forceps Wide

- Jaws with fine teeth.
- Serrated handle with polished finish.
- Jaws: Wide, 4.5mm.
- Overall length: 108mm, 4.3 inches.

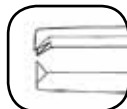
Catalog #	Handle
E1572	With lock.
E1562	Without lock



Lester Fixation Forceps

- Straight shafts.
- Serrated handle.
- Polished finish.
- Fine teeth.
- Overall length: 96mm, 3.8 inches.

Catalog #	Teeth
E1654	1x2
E1656	2x3



E1730 US Thorpe Conjunctival Fixation Forceps

- Straight shafts with 90°, 2 x 3 teeth and tying platform.
- Serrated handle with polished finish.
- Overall length: 94mm, 3.7 inches.



*Not Available in Canada.

HEMOSTATIC

G6242 Adson Hemostatic Forceps

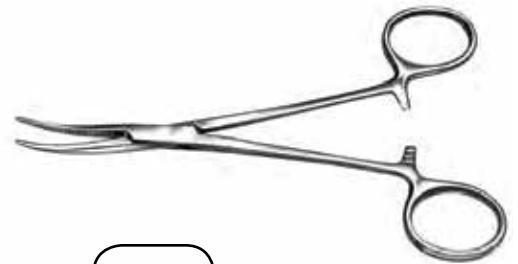
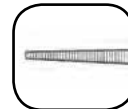
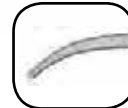
- Curved.
- Overall length: 185mm, 7.3 inches.



Hemostatic

Crile Hemostatic Forceps

Catalog #	Jaws	Overall Length
N5521	Curved	144mm, 5.6 inches
N5520	Straight	140mm, 5.5 inches



*Not Available in Canada.

Forceps

Halstead Hemostatic Mosquito Forceps

- Serrated jaws.
- Ring handle with ratchet lock and dull finish.

Catalog #

E3922

Jaws

Curved, 21mm

Overall Length

120mm, 4.7 inches

E3920

Straight, 22mm

125mm, 4.9 inches



Hartman Hemostatic Mosquito Forceps

- 20mm serrated jaws.
- Ring handle with ratchet lock and dull finish.
- Overall length: 99mm, 3.9 inches.

Catalog #

E3916

Jaws

Curved



E3915

Straight



Kelly Hemostatic Forceps

Catalog #

N5511

Jaws

Curved

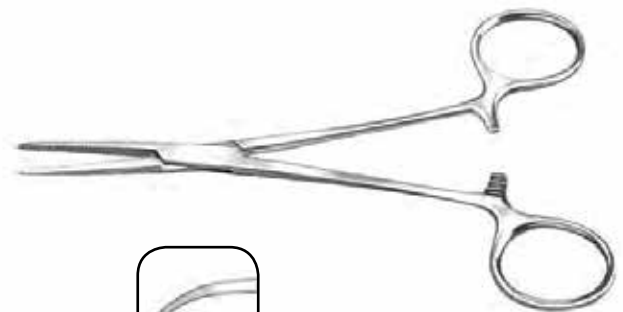
Overall Length

143mm, 5.6 inches

N5510

Straight

145mm x 5.7 inches



*Not Available in Canada.

N5515 Rankin-Kelly Hemostatic

- Curved.
- Overall length: 157mm, 6.2 inches.



N5531 Rochester-Ochsner Hemostatic Forceps

- Straight.
- 1 x 2 teeth.
- Overall length: 185mm, 7.3 inches.



N5541* Rochester-Pean Hemostatic Forceps

- Curved.
- Overall length: 164mm, 6.5 inches.



*Not Available in Canada.

JEWELER

E1947 5H Hirschman Jeweler Type Forceps Extra Fine

- Straight, narrowed shafts with extra fine blunted tips.
- Smooth handle with dull finish.
- Overall length: 110mm, 4.3 inches.

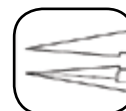


Jeweler Type Forceps

- Straight shafts with pointed tips.
- Smooth handle with dull finish.



Catalog #	Tips	Tying Platform	Handle	Overall Length
E1947 3C	Extra fine	N/A	Standard	110mm, 4.3 inches
E1947 3	Extra fine	N/A	Long	120mm, 4.7 inches
E1947 1	Fine	N/A	Standard	120mm, 4.7 inches
E1947 T1	Fine	6mm	Standard	120mm, 4.7 inches
E1947 T3C	Extra fine	6mm	Standard	110mm, 4.3 inches
E1947 T3	Extra fine	6mm	Long	120mm, 4.7 inches



Jeweler Type Forceps Extra Fine

- Straight shafts with extra fine pointed tips.
- Smooth handle with dull finish.
- Overall length: 110mm, 4.3 inches.



Catalog #	Tips	Tying Platform	Shafts
E1947 4	Extra fine	N/A	Narrow
E1947 5	Extra fine	N/A	Narrower
E1947 T4	Extra fine	6mm	Narrow
E1947 T5	Extra fine	6mm	Narrower



*Not Available in Canada.

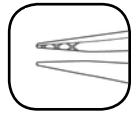
E1947 7 **Jeweler Type Forceps Fine Curved**

- Curved shafts with fine pointed tips.
- Smooth handle with dull finish.
- Overall length: 116mm, 4.6 inches.



E1945 **Jeweler Type Forceps Serrated Handle**

- Straight shafts with 3mm crisscross serrated platforms.
- Polished finish.
- Serrated handle.
- Overall length: 109mm, 4.3 inches.



E1946 **Jeweler Type Forceps Wide Serrated Handle**

- Straight shafts with 3mm crisscross serrated platform.
- Polished finish.
- Wide serrated handle.
- Overall length: 109mm, 4.3 inches.



LARYNGEAL

N8280 **Fraenkel Laryngeal Forceps**

- 2.5mm x 8mm cups with vertical opening.
- Curved.
- 80mm from curve to tip.
- Overall length: 202mm, 8.0 inches.



*Not Available in Canada.

MUSCLE AND TENDON

E2500 **Berke Ptosis Forceps**

- Multi-curved shafts with straight blades and longitudinal serrations.
- Slide lock and serrated handle with polished finish.
- Blade length 20mm.
- Overall length: 98mm, 3.9 inches.



E2504 **Berke Ptosis Forceps**

- Multi-curved shafts with straight blades and longitudinal serrations.
- Slide lock and serrated handle with polished finish.
- Blade length: 27mm.
- Overall length: 104mm, 4.1 inches.



N5146 **Carroll Tendon Retriever**

- 2mm x 8mm serrated jaws.
- Curved.
- Overall length: 133mm, 5.2 inches.



E2515* **Erickson-Lee Ptosis Clamp**

- Contoured, refined jaws for improved fit to the eye, increased visibility and ease of access.
- Secure grip of the tissues while easily locking and releasing.
- Slide lock design aids in positioning clamp during use.
- Overall length: 96mm, 3.8 inches.



*Not Available in Canada.

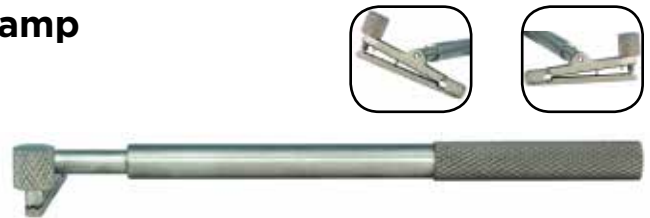
E2510* **Putterman Gladstone Transmarginal Clamp**

- Designed to facilitate transmarginal rotation procedure to treat eyelid cicatricial entropions.
- Stabilizes eyelid and increases accuracy of placement of a skin-muscle incision externally and a tarsal-conjunctival incision internally, decreasing chance of injury to marginal artery.
- Clamp is also helpful in the Cutler Beard procedure in treatment of upper eyelid defects after tumor removal, traumatic avulsions or colobomas.
- It is useful in mid lower eyelid tarsoconjunctival flap-skin graft procedure in the treatment of cicatricial lower lid retraction.



E2509* **Putterman Levator Resection Clamp**

- Utilized during levator resection procedure
- Pins and grooves firmly hold levator aponeurosis edge.
- Ability to reattach the handle on either side of the clamp facilitates severing of levator from superior tarsal border when handle is in superior position and release of the horns as well as attachment of tarsus to levator with the handle in the inferior position.



E2508 **Putterman Mullers Muscle Conjunctival Resection Ptosis Clamp**

- For use during Mullers muscle-conjunctival resection ptosis procedure.
- Clamp is used to incorporate conjunctiva and Mullers muscle between superior tarsal border and marking suture in order for suturing and resection to occur.



Tendon Passer

- Pointed tip.



Catalog #	Jaws	Tip	Overall Length
N5145	Curved	5mm	153mm, 6.0 inches
N5144	Straight	6mm	153mm, 6.0 inches



*Not Available in Canada.

NASAL AND SINUS - NASAL CUTTING

N3000 **Blakesley Forceps**

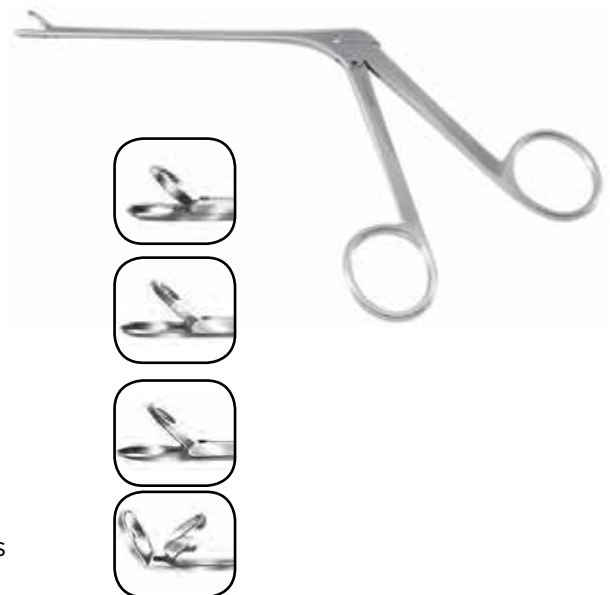
- Flat 6mm x 13mm duckbill serrated jaws.
- Length of shaft 100mm.
- Overall length: 180mm, 7.1 inches.



Blakesley Nasal Forceps

- Length of shaft 115mm.

Catalog #	No.	Cups	Overall Length
N2990	0	3.5mm x 7mm, fenestrated	180mm, 7.1 inches
N2991	1	4.5mm x 11mm, fenestrated	180mm, 7.1 inches
N2992	2	4.5mm x 11mm, fenestrated	180mm, 7.1 inches
N2993 1	1	4mm x 10mm, upturned 45°	175mm, 6.9 inches



N2897 **Blakesley-Wilde Ethmoid Forceps**

- 4mm x 10mm cups.
- Upturned.
- Length of shaft 110mm.
- Overall length: 175mm, 6.9 inches.



*Not Available in Canada.

N6502 Giraffe Type Sinus Forceps

- 70° vertical cutting, double action.
- 3mm cups.
- Length of shaft 130mm.
- Overall length: 210mm, 8.3 inches.



Gruenwald Nasal Forceps



Catalog #	Type	Tip	Shaft Length	Overall Length	
N2951	Gruenwald	No. 1, 2.5mm x 9mm	115mm	210mm, 8.3 inches	
N2952	Gruenwald	No. 2, 3mm x 10mm	115mm	180mm, 7.1 inches	
N2983	Pediatric Ethmoid	3mm x 5mm, straight		158mm, 6.2 inches	
N2984	Pediatric Ethmoid	3mm x 4mm, upturned 45°		152mm, 6.0 inches	
N2985	Pediatric Ethmoid	3mm x 5mm, upturned 90°		155mm, 6.1 inches	
N2974	Weil	5mm x 8mm	115mm	182mm, 7.2 inches	
N2980	Wilde	5mm x 10mm, fenestrated	115mm	180mm, 7.1 inches	

*Not Available in Canada.

Forceps

Gruenwald Through-Cutting Forceps

- With Luer-Lock.
- Working Length: 130mm, 5.1 inches.

Catalog #	Jaws	Bite
N9209*	Straight	3mm
N9212	Curved up	2mm



N6130 Hildyard Post-Nasal Biopsy Forceps

- 3.5mm round cups.
- Length of shaft 120mm.
- Overall length: 172mm, 6.8 inches.



Ostrum Antrum Punch Forceps

- Backward cutting.
- Straight.

Catalog #	Bite	Shaft Length	Overall Length
N2896 P	1.5mm x 4mm Pediatric	115mm	160mm, 6.3 inches
N2896 1	3mm x 7mm	115mm	180mm, 7.0 inches
N2896 1R	3mm x 7mm Right side	115mm	180mm, 7.0 inches



*Not Available in Canada.

N2993 ROTP* Rotating Punch Pediatric

- Pediatric, rotating.
- 1.5mm bite.
- With Luer-Lock.
- Working Length: 100mm, 3.9 inches.



N2898 Sinus Cup Forceps

- 3mm cups.
- Length of shaft 115mm.
- Overall length: 180mm, 7.1 inches.



Takahashi Nasal Forceps



Catalog #	Jaws	Shaft Length	Overall Length
G6510	2mm x 10mm	162mm	240mm, 9.5 inches
G6520	3mm x 10mm	162mm	240mm, 9.5 inches
N2995	2.5mm x 8mm	110mm	180mm, 7.1 inches
N2997	4mm x 10mm	110mm	180mm, 7.1 inches

*Not Available in Canada.

NASAL AND SINUS - NASAL SEPTUM

N5620 **Asch Septum Straightening Forceps**

- Angled on the flat.
- 7mm x 49mm jaws.
- Overall length: 222mm, 8.7 inches.



N5480 **Cottle Columella Forceps**

- 14mm tip. Locking thumb screw.
- Overall length: 107mm, 4.2 inches.



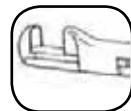
N5485 **Ferris-Smith Fragment Forceps**

- Fenestrated
- 6mm x 8mm serrated jaws
- 3mm footplate depth.
- Length of shaft 105mm.
- Overall length: 188mm, 7.4 inches.



N3132 **Hajek-Kofler Sphenoid Punch Forceps**

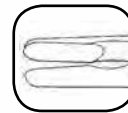
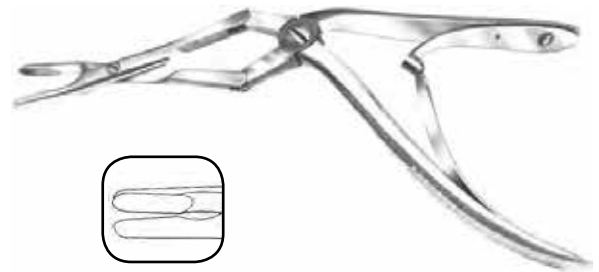
- Reversible.
- Small, 3mm x 7mm solid biting jaws.
- 3mm footplate depth.
- Angled 90°.
- Length of shaft 170mm.
- Overall length: 240mm, 9.4 inches.



*Not Available in Canada.

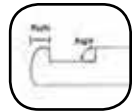
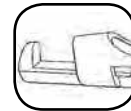
Jansen-Middleton Septum Forceps

Catalog #	Jaws	Overall Length
N3070	4mm x 11mm cups	174mm, 6.9 inches
N3074	Large pattern, 4mm x 14mm Thru-cutting	172mm, 6.8 inches
N3076	Small pattern, 3mm x 13mm Thru-cutting	172mm, 6.8 inches



N3130 McKenty Sphenoid Punch Forceps

- Reversible.
- Small, 1.5mm x 4mm thru-cutting jaws.
- 2mm footplate depth.
- Angled 85°.
- Length of shaft 135mm.
- Overall length: 180mm, 7.0 inches.



N5345 G Wright-Rubin Forceps Guard

- Guard only for N5345 and N5346 septum morselizer forceps.
- Overall length: 28mm, 1.1 inches.



*Not Available in Canada.

Forceps

Wright-Rubin Septum Morselizer Forceps

- With guard.



Catalog #	Jaws	Overall Length
N5346	Angled	182mm, 7.2 inches
N5345	Straight	194mm, 7.6 inches



OTOLOGIC MICRO - ALLIGATOR

Ear Forceps



Catalog #	Name	Jaws	Shaft	Overall Length
N1692 24	Bellucci Ear	8mm serrated	75mm	135mm, 5.3 inches
N0958	Duckbill Ear	Extra flat 8mm serrated Rounded tip	77mm	138mm, 5.4 inches
N1700 48	Goodhill Ear	5mm serrated	76mm	135mm, 5.3 inches
N0950	Noyes Ear	6mm serrated	87mm	140mm, 5.5 inches



*Not Available in Canada.

Ear Forceps (continued)



Catalog #	Name	Jaws	Shaft	Overall Length
X0240	Ear	5mm Finely serrated	74mm	136mm, 5.4 inches
X0244	Greven Ear	5mm with 2.5mm of tips serrated and touching. Opening behind tip.	73mm	135mm, 5.3 inches
N1705 61	House	6mm serrated Side opening to right.	73mm	132mm, 5.2 inches
N1705 P	House Alligator and Crimper	Very flat 8mm serrated Tapered to dull point.	73mm	130mm, 5.1 inches
X0239*	House Miniature	Extremely delicate 4mm, Finely serrated	73mm	134mm, 5.3 inches
X0241	House Miniature	Extremely delicate 4mm finely serrated	73mm	134mm, 5.3 inches
N1705 60	House Strut	6mm smooth	73mm	135mm, 5.3 inches
X0241 A*	Otologic Micro-Alligator	Miniature Ear 3.5mm		137mm, 5.4 inches



*Not Available in Canada.

Forceps

X0270 Teflon® Forceps Guard

- Autoclavable.
- For protection of shafts and jaws of middle ear forceps during storage and sterilization.
- 10mm wide.
- Overall length: 102mm, 4.0 inches.



OTOLOGIC MICRO - CUP

Ear Forceps



Catalog #	Name	Jaws	Shaft	Overall Length
X0250	Ear	0.75mm	71mm	133mm, 5.2 inches
N0964	Hartman-Herzfeld	2mm cups	87mm	130mm, 5.1 inches
N0965	Hartman-Herzfeld	3mm cups	87mm	137mm, 5.4 inches
N0970	Hartman-Herzfeld	2mm upbiting cups Angled 45°	87mm	138mm, 5.4 inches
X0249	House Minature	0.6mm x 1mm cups	73mm	130mm, 5.1 inches
X0249 L	House Minature	0.6mm x 1mm cups Angled left 15°	72mm	130mm, 5.1 inches
X0249 R	House Minature	0.6mm x 1mm cups Angled right 15°	72mm	130mm, 5.1 inches
N1705 85	House Oval	0.9mm cups Angled right 15°	71mm	130mm, 5.1 inches
N1705 86	House Oval	0.9mm cups Angled left 15°	71mm	134mm, 5.3 inches



*Not Available in Canada.

X0568 **House-Dieters Malleus Nipper**

- 2mm jaws.
- Length of shaft 75mm.
- Overall length: 127mm, 5.0 inches.



OTOLOGIC MICRO - OSSICLE HOLDING CLAMPS

N1702 08 **Derlacki Ossicle Holding Clamp**

- 1mm teeth.
- 1.5mm x 4mm vertical groove.
- 1.5mm x 2mm horizontal groove.
- Thumbscrew.
- Overall length: 123mm, 4.8 inches.



N1705150 **Sheehy Ossicle Holding Clamp**

- 5mm teeth.
- 1.5mm x 4mm vertical grooves.
- 18mm from tip to end of serrations.
- Thumbscrew.
- Overall length: 121mm, 4.8 inches.

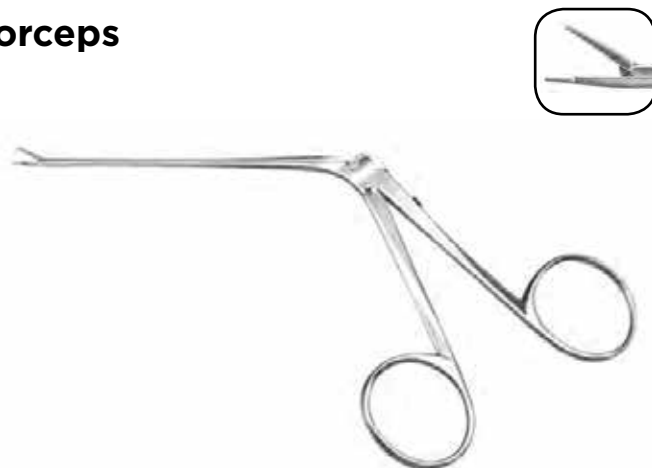


*Not Available in Canada.

OTOLOGIC MICRO - VENT TUBE INTRODUCERS

N0551 Leivers Vent Tube Introducer Forceps

- Delicate.
- Lower jaw in the form of a 2.5mm rod to fit into the vent tube.
- 6mm movable upper jaw is concave on the underside to securely but gently grasp vent tube.
- Length of shaft 73mm.
- Overall length: 136mm, 5.4 inches.



OTOLOGIC MICRO - WIRE CRIMPER/CLOSURE

Crimper Forceps



Catalog #	Name	Jaws	Shaft	Overall Length
N1705 P	House Alligator and Crimper	Very flat 8mm serrated tapered to a dull point	73mm	130mm, 5.1 inches
N1707 50	Kos Crimper	3mm limited closure	72mm	132mm, 5.2 inches
N1685 D 1	McGee Crimper or Wire Closure	Short 3mm angled slightly downward limited closure	72mm	130mm, 5.1 inches
N1709 25*	Scheer Crimper	5mm smooth single length-wise groove in the lower jaw and a "v" notch in the tip of both jaws to aid in positioning wire prosthesis	72mm	130mm, 5.1 inches



*Not Available in Canada.

SPONGE

N7170 Ballenger Sponge Forceps Straight

- Straight.
- Serrated ring jaws.
- Overall length: 178mm, 7.0 inches.



N7180 Roberts Sponge Forceps

- Curved.
- Serrated ring jaws.
- Overall length: 207mm, 8.2 inches.



Sponge | Suturing

SUTURING

E1809 US Bonn Suturing Forceps 0.12mm

- Straight shafts with 1 x 2, 0.12mm teeth.
- Serrated handle with polished finish.
- Overall length: 69mm, 2.7 inches.



Castroviejo Suturing Forceps

- Straight shafts with 1 x 2 teeth and 6mm tying platform.
- Wide serrated handle with polished finish.
- Overall length: 110mm, 4.3 inches.



Catalog #

Teeth

E1796

0.12mm

E1797 US

0.3mm

E1798 US

0.5mm

E1799

1.5mm

*Not Available in Canada.

Forceps

E1806 **Castroviejo Suturing Forceps Angled**

- Angled 45° shafts with 1 x 2, 0.5mm teeth and 5.5mm tying platform.
- Polished finish.
- Overall length: 108mm, 4.3 inches.



Castroviejo Suturing Forceps Narrow

- Straight shafts with 1 x 2 teeth and 5.5mm tying platform.
- Serrated handle with polished finish.
- Overall length: 108mm, 4.3 inches.

Catalog #	Teeth
E1800	0.5mm
E1802	0.9mm



Fine-Castroviejo Suturing Forceps

- Straight shafts with 1 x 2 teeth.
- Polished finish.
- Overall length: 110mm, 4.3 inches.

Catalog #	Teeth	Tying Platform	Handle
E1805 XDUS	0.12mm	6.0mm	Serrated
E1805 US	0.22mm	5.5mm	Serrated



*Not Available in Canada.

E1832 **Manhattan Eye and Ear Suturing Forceps**

- Straight shafts with 1 x 2 teeth and 6mm tying platform.
- Wide smooth handle with polished finish.
- Overall length: 88mm, 3.5 inches.



E1796 S **Sanders-Castroviejo Suturing Forceps**

- Straight, heavy shafts with 0.12mm teeth and 5.5mm tying platform.
- Wide serrated handle with polished finish.
- Overall length: 109mm, 4.3 inches.



E1830 **Sauer Suturing Forceps**

- Straight shafts with 1 x 2 teeth.
- Wide serrated handle with polished finish.
- Overall length: 87mm, 3.4 inches.



E1811 US **STORZ® Bonn Suturing Forceps**

- Straight shafts with 1 x 2, 0.12mm teeth and 5mm tying platform.
- Serrated handle with polished finish.
- Overall length: 94mm, 3.7 inches.



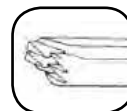
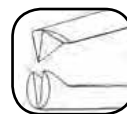
*Not Available in Canada.

TISSUE

Adson Tissue Forceps



Catalog #	Teeth/Tip	Size	Overall Length
N5398	1x2 Extra delicate	0.5mm	122mm, 4.8 inches
N5400	1x2 Delicate	1.5mm	122mm, 4.8 inches
N5405	1x2 Extra long tips	1.0mm	122mm, 4.8 inches
N5416	1x2 Delicate		150mm, 5.9 inches
N5401	2x3 Delicate	0.5mm	125mm, 4.9 inches



Allis Forceps

- Regular weight.
- Overall length: 153mm, 6.0 inches.

Catalog #	Teeth
N5600	4x5, 3mm width
N5605*	5x6, 5mm width



N5414 Beasley-Babcock Tissue Forceps

- Overall length: 130mm, 5.1 inches.



*Not Available in Canada.

Bishop-Harmon Tissue Forceps

- Straight shafts with 1 x 2 teeth.
- Flat handle with holes and polished finish.

Catalog #

E1502

Teeth

Delicate

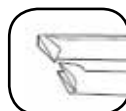
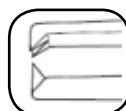
Overall Length

85mm, 3.3 inches

E1500

Fine

86mm, 3.4 inches



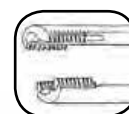
N5420 Brown-Adson Tissue Forceps

- Multiple parallel teeth.
- Overall length: 123mm, 4.8 inches.



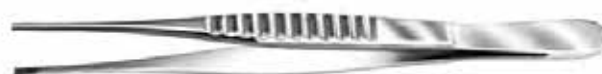
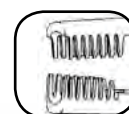
G1909* Brown-Bahnson Tissue Forceps

- Bayonet style.
- 1mm x 6mm Brown-type teeth.
- 10mm working length.
- Overall length: 193mm, 7.6 inches.



N5426* Brown Tissue Forceps

- 5mm jaw.
- Overall length: 150mm, 5.9 inches.



N5408 Callison-Adson Tissue and Tying Forceps

- 1 x 2, 1.5mm teeth.
- 8mm tying platform.
- Overall length: 124mm, 4.9 inches.



*Not Available in Canada.

Forceps

N5423* **Griffiths-Brown Tissue Forceps**

- Delicate.
- 1.5mm x 5mm Brown-type teeth.
- Overall length: 110mm, 4.3 inches.



N5410 **Hudson-Adson Tissue Forceps**

- Extra long tips.
- Heavy 1 x 2 teeth.
- Overall length: 150mm, 5.9 inches.



E8164 **Kennerdell Bayonet Forceps**

- Bayonet shafts with serrated tips.
- Serrated handle with dull finish.
- Tip to bend: 83mm.
- Tips: 17mm.
- Serrated.
- Without teeth.
- Overall length: 160mm, 6.3 inches.



*Not Available in Canada.

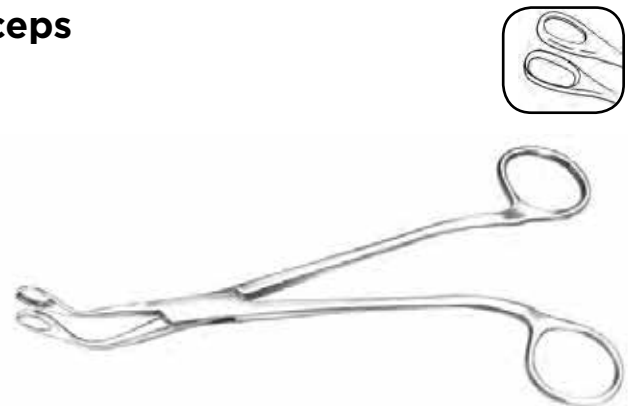
P0525 Nasal-Mucosa Bayonet Forceps

- Tungsten-carbide inserts.
- Overall length: 203mm, 8.0 inches.



N6120* St. Clair-Thompson Adenoid Forceps

- 5mm x 10mm ring jaws.
- Overall length: 184mm, 7.2 inches.

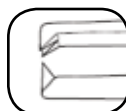


Tissue Forceps

- Straight shafts with 1 x 2 teeth.
- Serrated handle with polished finish.
- Overall length: 100mm, 3.9 inches.



Catalog #	Teeth
E1420	Delicate
N1422	Heavy



*Not Available in Canada.

TONSIL AND ADENOID

Allis-Coakley Tonsil Forceps

- One open ring handle

Catalog #	Jaws	Overall Length
N7010	5mm Straight	200mm, 7.9 inches.
N7012	5mm Light curve	199mm, 7.8 inches
N7013	4mm Light curve	193mm, 7.6 inches



N6179 King Adenoid Punch Forceps

- No. 1.
- Triangular.
- 7mm lower basket, 6mm upper jaw.
- Strong curve.
- 45mm from curve to tip.
- Length of shaft 115mm.
- Overall length: 179mm, 7.0 inches.



N6172 Meltzer Adenoid Punch Forceps No.2

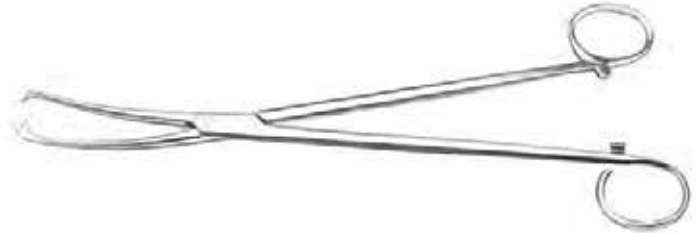
- No. 2.
- Triangular.
- 8mm upper jaw, cutting on upper side.
- 9mm bottom basket.
- Length of shaft 140mm.
- Overall length: 200mm, 8.3 inches.



*Not Available in Canada.

N7032* **White Tonsil Forceps**

- Medium curve.
- 8mm jaws.
- One open ring handle.
- Overall length: 242mm, 9.5 inches.



TOWEL AND SERREFINE

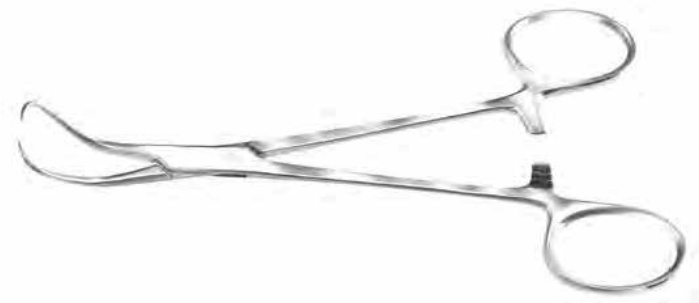
N7203 **Backhaus Towel Forceps**

- Overall length: 89mm, 3.5 inches.



N7205 **Backhaus Towel Forceps No Stops**

- Without stops.
- Overall length: 133mm, 5.2 inches.



E3904 **Dieffenbach Serrefine**

- 20mm jaws.
- Polished finish.
- Overall length: 55mm, 2.2 inches.



*Not Available in Canada.

Forceps

N7210 Jones Towel Forceps

- Cross-action tips.
- Overall length: 88mm, 3.5 inches.



E3897 Micro Serrefine

- 9mm jaws designed for 10-0 sutures.
- Dull finish.
- Also known as a bull dog.
- Overall length: 26mm, 1.0 inches.



E6774 Schaedel Towel Clamp

- Cross action, non-magnetic clamp.
- Polished finish.
- Overall length: 85mm, 3.3 inches.



E3900 Serrefine

- 10mm serrated jaws.
- Polished finish.
- Also known as a bull dog.
- Overall length: 36mm, 1.4 inches.



N1384 Towel Clip

- Overall length: 57mm, 2.2 inches.



*Not Available in Canada.

TYING

N5408 Callison-Adson Tissue and Tying Forceps

- 1 x 2, 1.5mm teeth.
- 8mm tying platform.
- Overall length: 124mm, 4.9 inches.



E1885 Fine Tying Forceps

- Curved shafts and tips with tying surfaces.
- Wide serrated handle with dull finish.
- Overall length: 108mm, 4.3 inches.



Harms-Tubingen Tying Forceps

- 6.5mm tying platform.
- Serrated handle with dull finish.
- Overall length: 101mm, 4.0 inches.



Catalog #	Shafts
E1888 C	Curved
E1888 S	Straight

E1796 WO O'Gawa Castroviejo Tying Forceps

- Straight shafts with 5.5mm tying platform.
- Wide serrated handle with polished finish.
- Overall length: 108mm, 4.3 inches.



E1884 Puntenney Tying Forceps Curved

- Curved shafts with 11mm tying platform.
- Serrated handle with polished finish.
- Overall length: 110mm, 4.3 inches.



*Not Available in Canada.

Forceps

E1887 **STORZ® Tying Forceps Straight Heavy**

- Straight heavy shaft with 7mm tying surfaces.
- Wide serrated handle, polished finish.
- Overall length: 106mm, 4.2 inches.



E1882 **Troutman Tying Forceps Curved**

- Slightly curved 10mm jaws and serrated cross action handle with polished finish.
- Overall length: 118mm, 4.6 inches.



UTILITY

E1918 **Alabama University Utility Forceps**

- Straight shafts with fitted v-grooved 15mm platform.
- Serrated handle with polished finish.
- Overall length: 92mm, 3.6 inches.



Bonaccolto Utility Forceps

- Straight shafts with 16mm long platform.
- Lengthwise serrated jaws with cross serrated tips.
- Serrated handle with polished finish.
- Overall length: 108mm, 4.3 inches.



Catalog #	Platform Width
E1904	1.2mm
E1906	1.7mm

*Not Available in Canada.

McCullough Utility Forceps

- Straight shafts with 15mm long jaws.
- Serrated handle with polished finish.
- Crisscross jaws.
- Overall length: 93mm, 3.7 inches.

Catalog

E1912

Jaws

Crisscross



E1914

Smooth



Nugent Utility Forceps

- Shafts angled 45° with 10mm jaws.
- Serrated handle with polished finish.
- Overall length: 107mm, 4.2 inches.

Catalog

E1892

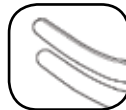
Jaws

Crisscross



E1890

Smooth



Wills Hospital Utility Forceps

- Straight shafts with 13mm crisscross serrated platform with polished finish.
- Overall length: 109mm, 4.3 inches.

Catalog

E1900

Handle

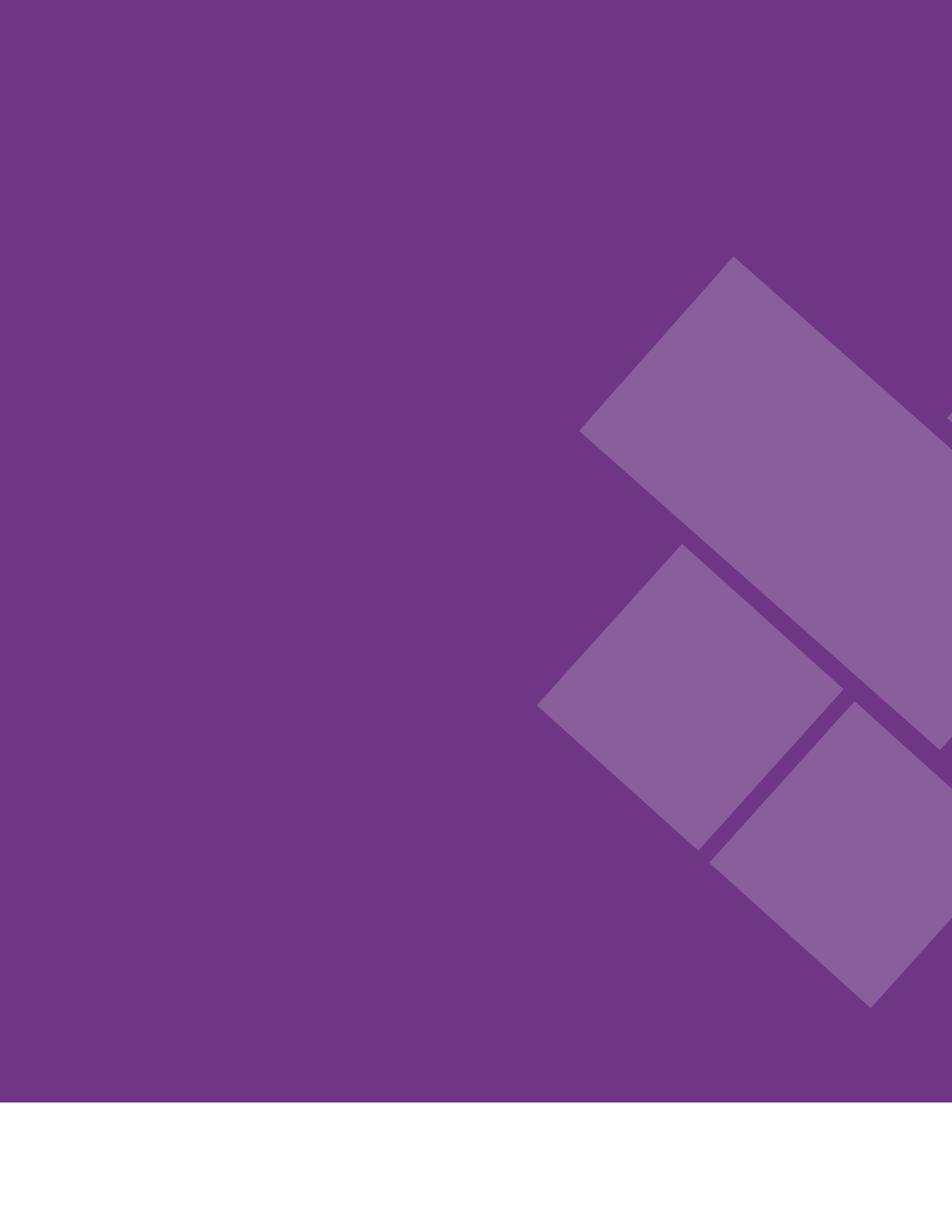
Serrated

E1901

Wide, serrated



*Not Available in Canada.



HEAD MIRRORS, SPECTACLES

Head Mirrors.....76

Spectacles.....77

Head Mirrors, Spectacles

HEAD MIRRORS

S2607 Headmirror

- Replaceable: Regular stud, 3.5" (89mm) x .5" (13mm), one size only.
- Rubber edge protects mirror from damage and fingerprints.
- Removal of rubber edge permits replacement of broken mirror.



S2650 B S2650 & S2661 Clamp and Adjusting Screw



S2650 A S2650 & S2660 Plate and Stud



S2670 Jefferson Headband

- Durable, fine-grained leather



N1009 Lamp



N1007 Mirror



*Not Available in Canada.

Head Mirrors, Spectacles

SPECTACLES

N0785 **Frenzel Nystagmus Spectacles**

- 20 diopter lenses, snug fit rims.
- Adjustable soft rubber band.
- Illuminated on inside of lenses.
- Overall length: 150mm, 6.0 inches.
- Replacement lamp 50785 B.



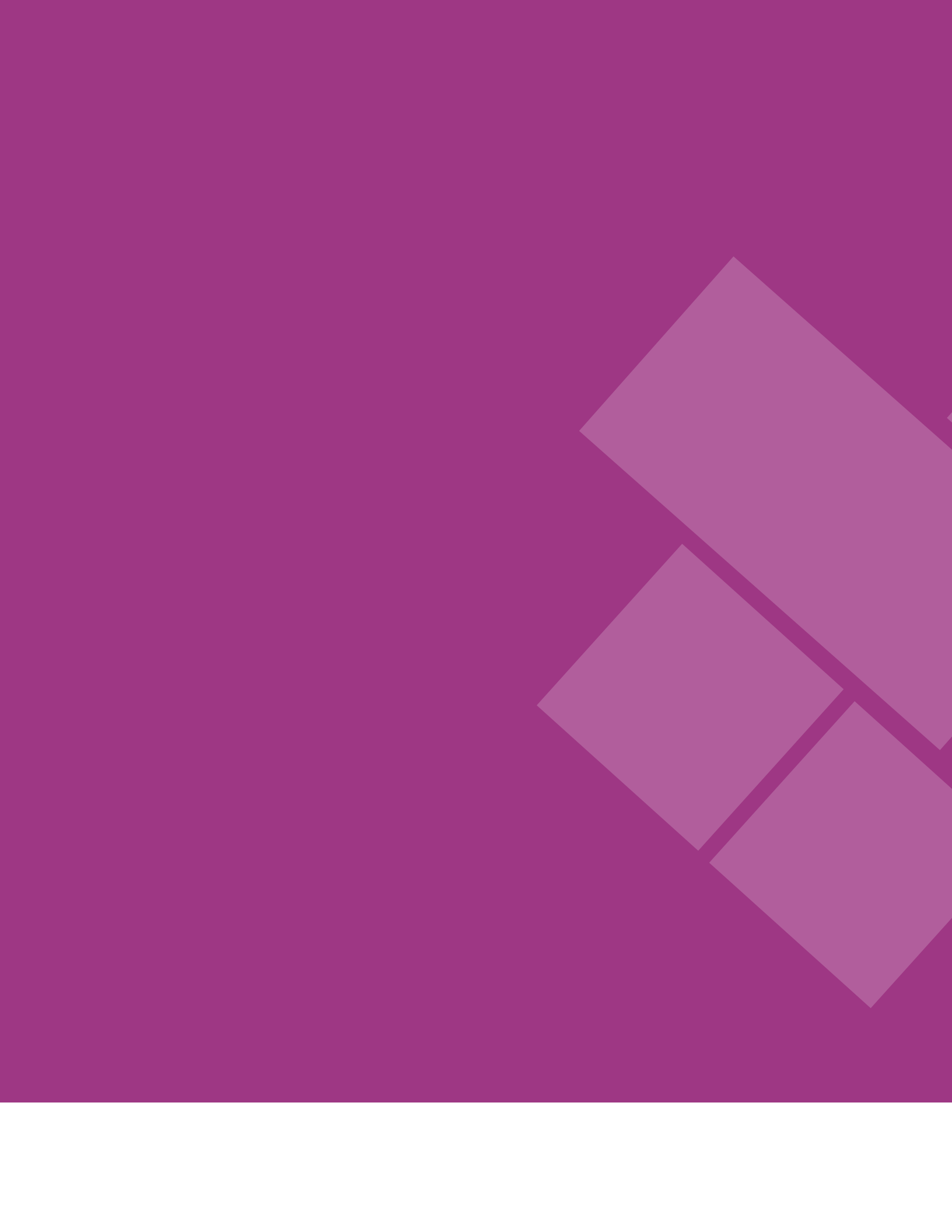
N0785 B **Frenzel Nystagmus Spectacles Replacement Lamp**

- Replacement lamp for the N0785 Frenzel Nystagmus spectacles.



Spectacles

*Not Available in Canada.



HOOKS

Fixation	80
Iris.....	80
Otologic, Basic	81
Otoligic, Micro	82
Soft Tissue	82

Hooks

FIXATION

Double Fixation Hook

- Flat, serrated handle with polished finish.
- Curved tips.
- Overall length: 128mm, 5.0 inches



Catalog #

E0532

Spread Between Tips

1.5mm



E0533

2.0mm



Graefe Strabismus Hook

- Flattened hook.
- Flat serrated handle with polished finish.



Catalog #

E0591

Size

8mm

Overall Length

135mm, 5.3 inches



E0592

9mm

140mm, 5.5 inches



E0593

10mm

143mm, 5.7 inches



IRIS

Iris Hook

- Flat serrated handle with polished finish.



Catalog #

E0546

Type

Iris

Tip

Blunt hook

Overall Length

125mm, 4.9 inches



E0549

Maumenee

Sharp, 1.5mm hook

123mm, 4.8 inches



E0548

Tyrell

Sharp, 2.0mm hook

122mm, 4.8 inches



*Not Available in Canada.

OTOLOGIC, BASIC

Day Ear Hook

- Blunt tip.
- Angled 90°.
- Round handle.
- Overall length: 159mm, 6.3 inches.

Catalog #	Tip Size	Size
N0470 1	1mm	Extra Small
N0470 2	2mm	Small
N0470 3	2.5mm	Large



N0475 Lillie Ear Hook

- 1mm diameter ball tip.
- Angled 90°.
- 2mm from angle to tip.
- Flat handle.
- Overall length: 173mm, 6.8 inches.



*Not Available in Canada.

Hooks

OTOLOGIC, MICRO

N1772* Allport Incus Hook

- 3mm tip angled 90°.
- Overall length: 172mm, 6.8 inches.



House Hook

- 1mm long tip
- Shaft angled 8°.
- Round handle, malleable shaft.
- 53mm from angle to tip.
- Overall length: 168mm, 6.6 inches.

Catalog # 90° Angle

N1705 06L*

Left

N1705 06R

Right



SOFT TISSUE

N4733 Cottle-Joseph Double Hook

- 12mm w/de.
- Overall length: 137mm, 5.4 inches.



N4706 Cottle Single Hook

- Deep curve.
- Small.
- Overall length: 133mm, 5.2 inches.



N4710* Goldman Single Hook

- Overall length: 136mm, 5.4 inches.



*Not Available in Canada.

Joseph Double Hook

Catalog #	Width	Overall Length
N4722	2mm	156mm, 6.1 inches
N4725	5mm	158mm, 6.2 inches
N4727	7mm	158mm, 6.2 inches
N4730	10mm	158mm, 6.2 inches



N5137 Louisville Bone Hook

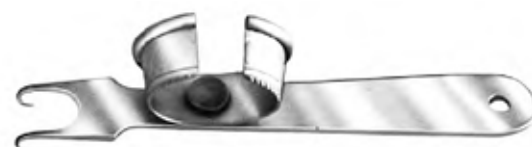
- Overall length: 152mm, 6.0 inches.



Soft Tissue

N4742 Millard Double Hook

- 10mm wide double hook.
- Thimble.
- Short flat handle.
- Overall length: 84mm, 3.3 inches.



N4700 Single Skin Hook

- Fine.
- Single, short working end.
- Overall length: 125mm, 4.9 inches.

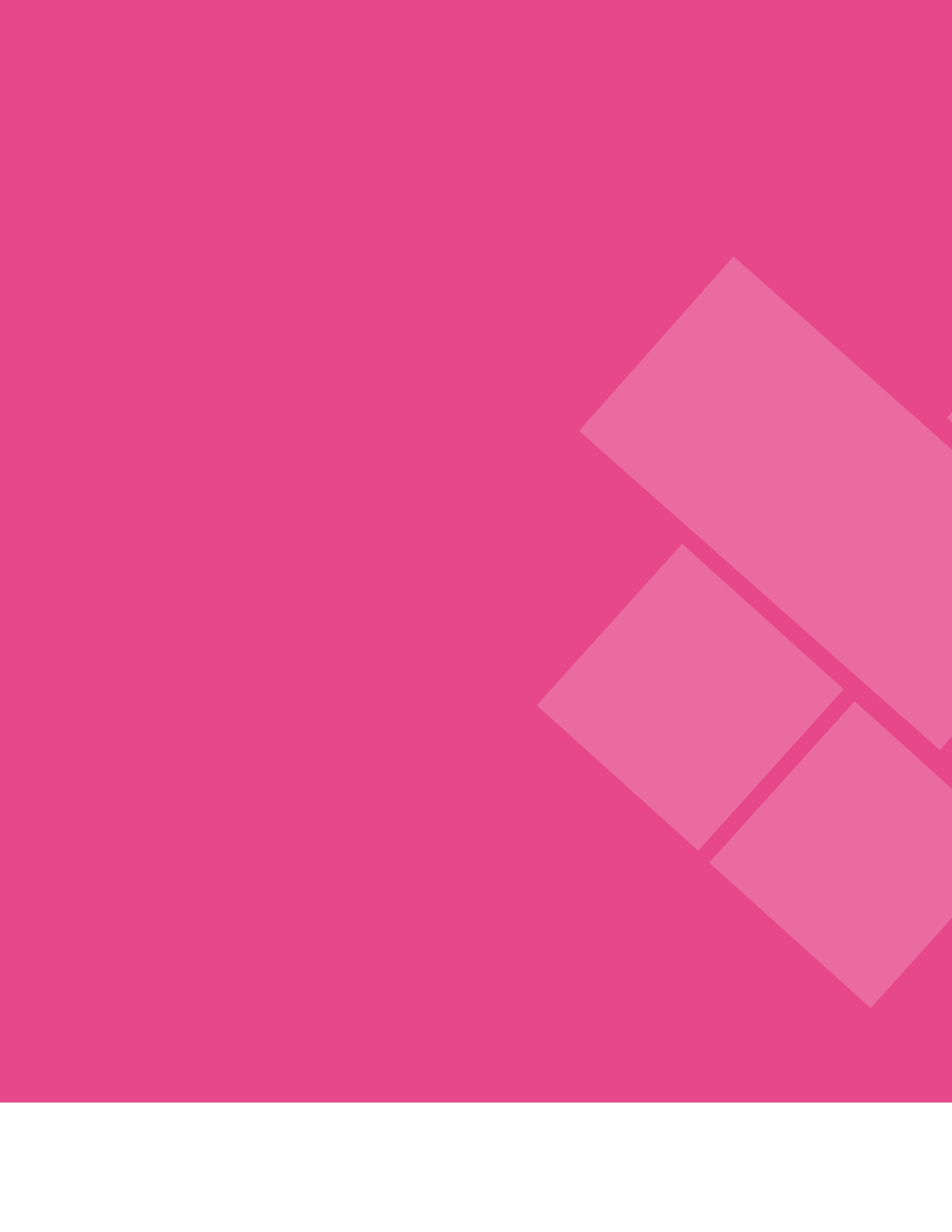


Skin Hook

Catalog #	Type	Size	Overall Length
N4712	Converse	Small	188mm, 7.4 inches
N4714	Converse	Large	186mm, 7.3 inches
N4720	Joseph		156mm, 6.1 inches



*Not Available in Canada.



INTRACORDAL SET & NEEDLES

Intracordal Injection Set & Needles	86
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Intracordal Injection Set & Needles

N7759* **Arnold Adapter**

- Attaches to Mentor tube.
- Fits into syringe for loading.
- Overall length: 18mm, 0.7 inches.



N7754* **Arnold-Bruening Intracordal Injection Set**

- Easily loaded.
- Volume is controlled.
- Each audible click ejects 0.2cc of paste if time is allowed for compression to dissipate.
- Set consists of one each N7756, N7757, N7758 and N7759.
- Overall length: 190mm, 7.6 inches.
- NOTE: An ideal one hand instrument with special needles for injection of Mentor Polytef® paste.



Arnold Injection Needle

- Straight.
- Overall length: 205mm, 8.0 inches.

Catalog #	Tip Gauge
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N7758*	18
--------	----

N7757*	19
--------	----



N7756* **Bruening Pressure Syringe**

- Includes Arnold Adapter N7759.
- Overall length: 192mm, 7.7 inches.

Rubin-Arnold Injection Needle

- Stop guard 4mm back from point.
- Overall length: 205mm, 8.2 inches.

Catalog #	Tip Gauge
-----------	-----------

N7764*	18
--------	----

N7762*	19
--------	----



*Not Available in Canada.

KNIVES, BLADE HOLDERS

Blade Holders & Blades88

Ear89

Nasal93

Tonsil & Dissector 94

Knives, Blade Holders

BLADE HOLDERS & BLADES

N1710 Bard-Parker Handle No. 3

- No. 3.
- Use Bard-Parker blades nos. 10, 11, 12, 15.
- Overall length: 124mm, 5.0 inches.



N1711* Bard-Parker Handle No. 3L

- No. 3L.
- Use Bard-Parker blades nos. 10, 11, 12, 15.
- Overall length: 213mm, 8.5 inches.



N6687 Bard-Parker Handle No. 7

- No. 7.
- Use Bard-Parker blades nos. 10, 11, 12, 15.
- Overall length: 165mm, 6.6 inches.



E0334 Bard-Parker Handle No. 9

- No. 9 knife handle used with Bard-Parker blades.
- Dull finish.
- Overall length: 116mm, 4.6 inches.



E0071 F Breakable Blades Feather Carbon

- Feather carbon steel blades.
- Designed to break cleanly.
- Ten blades per package.



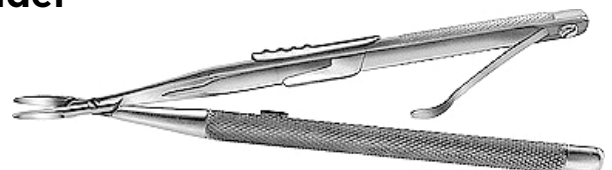
E0071 Breakable Blades Stainless Steel

- Stainless steel blades.
- Designed to break cleanly.
- Ten blades per package.



E0058 Castroviejo Blade Breaker and Holder

- Features straight, electro-dusted jaws, round knurled handle with slide lock, and polished finish.
- Supplied with one package of ten stainless steel blades (E0071).
- Jaws: 13mm wafer-thin.
- Overall length: 140mm, 5.5 inches.



*Not Available in Canada.

Knives, Blade Holders

N4135* Corwin Knife Handle

- Round 45mm serrated handle.
- Use Bard-Parker blades nos. 10, 11, 12, 15.
- Overall length: 136mm, 5.4 inches.



EAR

N0522 Disposable Blades

- 3mm disposable bevel blades.
- Malleable shafts.
- Blades packaged 6 per package.
- Overall length: 82mm, 3.2 inches.



N0522 D* Disposable Ear Knife

- 4mm disposable bevel blade.
- Malleable shaft.
- Flat spot on handle designed to guide knife in perforation.
- Overall length: 165mm, 6.5 inches.



N0521 Ear Knife Handle

- Overall length: 92mm, 3.6 inches.



Ear Knives

- Round handle.



Catalog #	Type	Tip	Overall Length
N1685 J2	Austin Duckbill	2mm, curved	159mm, 6.3 inches
N1691 62	Sickle	5mm, curved blade	168mm, 6.6 inches



N0522 H* House Detachable Blade

- 3mm disposable Lance blade.
- Can fit into the N0521 handle.
- Overall length: 82mm, 3.2 inches.



*Not Available in Canada.

Knives, Blade Holders

Hough “Whirly Bird” Knife

- Strongly curved tip.
- Hexagonal handle.
- Overall length: 150mm, 5.9 inches.



Catalog #	Tip Offset	No.	Size
N1691 61	Right	No. 1	1mm wide x 5mm long
N1691 62	Left	No. 2	1mm wide x 5mm long
N1691 63*	Right	No. 3	0.75mm wide x 5mm long
N1691 64*	Left	No. 4	0.75mm wide x 5mm long



House Ear Knives

- Round handle.
- Overall length: 168mm, 6.6 inches



Catalog #	Angled	Blade	Referred to as:
N1705 GG	20°	0.5mm wide x 1.5mm long	
N1705 G3	60°	0.75mm diameter	
N1705 G	45°	2mm x 3mm tapered	“Number Two Knife”
N1705 HH*		3.5mm	
N1705 H		7.5mm curved	“Number One Knife”



*Not Available in Canada.

Knives, Blade Holders

E7515

LASEREDGE Stab Knife - 15°

- Blade: 15° stab.
- Consistent sharpness.
- Non-reflective surface improves visibility by reducing microscope glare.
- Full handle.
- A=11.20mm B=1.60mm C=5.90mm
- Packaged sterile.
- Single-Use. 6 per box.



N1150

Myringotomy Knife Straight

- 8mm straight blade.
- Hexagonal handle.
- Overall length: 166mm, 6.5 inches.



Paparella Knife

- Octagonal handle.
- Overall length: 163mm, 6.5 inches.



Catalog #

Type

Size

N1685 S19

Duckbill type, sharp
Elevator Knife

3mm x 8mm curved blade.



N1685 S15

Sickle Knife

5.5 pointed curved blade.



Rosen Knife-Curette

- Round handle.
- Overall length: 168mm, 6.6 inches.



Catalog #

Size

Tip

N1690 6*

Small

2mm diameter blade,
Angled up 45°



N1690 7*

Large

2.5mm diameter blade,
Angled up 45°



*Not Available in Canada.

Knives, Blade Holders

N0541 Royce Ear Knife

- 8mm downcutting Royce blade.
- Angled shaft.
- 60mm from angle to tip.
- Overall length: 158mm, 6.2 inches.



Sheehy-House Knife Curette

- Semi sharp.
- Round handle.
- Straight shaft, malleable.
- Overall length: 168mm, 6.6 inches



Catalog #	Diameter Blade Size	Referred To As
N1705 16	2mm	Small Weapon
N1705 17	2.5mm	Large Weapon



Silverstein Middle Ear Instruments

- Angled 33°
- NOTE: Silverstein instruments are designed specifically for Retrolabyrinthine Vestibular Neurectomy Surgery
- Overall length: 180mm, 7.2 inches.



Catalog #	Size	Tip
N1705 S9	1mm diameter	Angled 33°.
N1706 S11*	3mm diameter	Angled 33°



Tabb Flap Knife

- Double-ended.
- 0.9mm x 1mm blade.
- Round handle.
- Overall length: 160mm, 6.3 inches.



Catalog #	Angled
N1694 1	25° and 45°
N1694 2	90° and 120°



*Not Available in Canada.

NASAL

N2267* **Ballenger Swivel Knife 3mm Bayonet**

- 3mm blade.
- Bayonet.
- Flat handle.
- Overall length: 194mm, 7.6 inches.



Ballenger Swivel Knife Straight

- Straight.
- Flat handle.
- Overall length: 191mm, 7.5 inches

Catalog #	Blade Size
N2263*	3mm
N2264	4mm



N4240 **Cottle Nasal Knife**

- 4mm blade.
- Flat handle.
- Overall length: 138mm, 5.4 inches.



N2252 **Freer Septum Knife**

- 5mm x 8mm "D" shaped knife.
- Flat handle.
- Overall length: 157mm, 6.2 inches.



*Not Available in Canada.

Knives, Blade Holders

N2248* **Rosen Cartilage Knife**

- Double-ended.
- Blades set at 45° and 90°.
- Hexagonal handle.
- Overall length: 193mm, 7.6 inches.



N2909 **Sickle Knife**

- 9mm curved blade.
- Flat handle.
- Overall length: 190mm, 7.5 inches.



TONSIL & DISSECTOR

N6670 **Fischer Tonsil Knife and Dissector**

- 15mm curved blade.
- Straight outer blade.
- Serrated opposite blade.
- Overall length: 210mm, 8.3 inches.



N6735* **Lothrop Tonsil Knife Dissector**

- Double-ended.
- 10mm curved blade.
- 12mm bayonet shaped blade.
- Overall length: 210mm, 8.3 inches.



*Not Available in Canada.

MIDDLE EAR INSTRUMENTS

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Middle Ear Instruments

AUSTIN

Austin Middle Ear Instruments

- Round handle.
- Overall length: 160mm, 6.3 inches.



Catalog

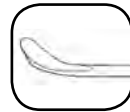
N1685 J2*

Type

Duckbill Knife-Elevator

Tip

2mm curved tip



N1685 J8*

Pick

Slightly curved



N1685 J12

Pick

1mm long point



N1685 J15

Strut Caliper

3.5, 4 and 4.5mm from tip
6mm from angle to tip
Angled 10°



BELLUCCI

Bellucci Picks

- Fine shaft.
- Round handle.
- Overall length: 168mm, 6.6 inches.



Catalog

N1692 9

Tip

Short curved point

Angle

4mm curve from tip



N1692 16

0.5mm long point

90°



N1692 17

1mm long point

90°



*Not Available in Canada.

Middle Ear Instruments

GUILFORD-WRIGHT

X0750 21 Guilford-Wright Fenestrometer

- 1mm wide x 4mm long measuring plate with 1mm markings on both sides.
- Angled 65°, Malleable shaft.
- Round handle.
- Overall length: 140mm, 5.5 inches.



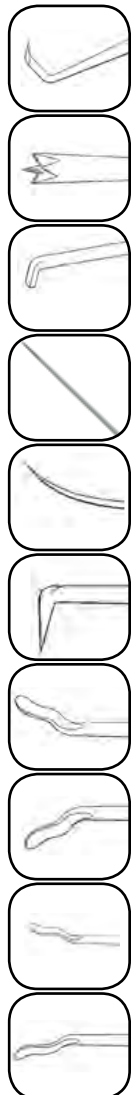
HOUGH

Hough Middle Ear Instruments

- Overall length: 150mm, 5.9 inches.



Catalog #	Type	Tip
N1691 38	Drum Scraper	0.5mm long point on 45° angle 2.5mm long tip, angled 60° 50mm from angle to tip, angled 15°
N1691 58	Derlacki Mobilizer	4 prong, 2mm diameter, curved tip
N1691 36	Excavator	Hoe. 0.5mm long tip, angled 90°. 50mm from angle to tip, angled 15°
N1691 10	Pick	Straight point
N1691 12*	Pick	Light, slightly curved, 10mm curve from tip
N1691 18	Pick	0.33mm long tip, 90° angle 50mm from angle to tip, 15° angle
N1691 61	"Whirly Bird" Knife	No. 1, 1mm wide x 5mm long, strongly curved tip, offset to the right
N1691 62	"Whirly Bird" Knife	No. 2, 1mm wide x 5mm long, strongly curved tip, offset to the left
N1691 63*	"Whirly Bird" Knife	No. 3, 0.75mm wide x 5mm long, strongly curved tip, offset to the right
N1691 64*	"Whirly Bird" Knife	No. 4, 0.75mm wide x 5mm long, strongly curved tip, offset to the left



Middle Ear Instruments

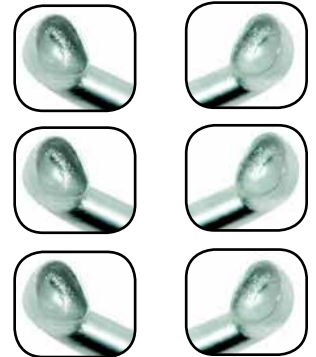
HOUSE

House Curette

- Double ended.
- Flat handle with serrations.



Catalog #	Cups	Angle	Overall Length
N1705 I	2mm x 2.5mm cups and 2.25mm x 3mm	Light	178mm, 7.0 inches
N1705 K	2mm x 2.5mm cups and 2.25mm x 3mm Stapes	35°	152mm, 6.0 inches
N1705 J	2mm x 2.5mm cups and 2.25mm x 3mm	35°	180mm, 7.2 inches



House Ear Knives

- Round handle.
- Overall length: 168mm, 6.6 inches



Catalog #	Angled	Blade	Referred to as:
N1705 GG	20°	0.5mm wide x 1.5mm long	
N1705 G3	60°	0.75mm diameter	
N1705 G	45°	2mm x 3mm tapered	"Number Two Knife"
N1705 HH*		3.5mm	
N1705 H		7.5mm curved	"Number One Knife"



*Not Available in Canada.

Middle Ear Instruments

N1705 D House Elevator

- 1mm x 12mm.
- Angled 15°.
- Referred to as the “Gimmick.”
- Straight shaft.
- Round handle.
- Overall length: 168 mm, 6.7 inches.



N1705 30 House Footplate Chisel

- Straight.
- 0.5mm wide tip.
- Angled shaft.
- Flat handle.
- 60mm angle to tip.
- Overall length: 156mm, 6.1 inches.



House Hook

- 1mm long tip.
- Shaft angled 8°.
- Round handle, malleable shaft.
- 53mm from angle to tip.
- Overall length: 168mm, 6.6



Catalog #

Tip

N1705 06L*

Left, 90°



N1705 06R

Right, 90°



N1705 55 House Hough Excavator

- 0.33mm long tip.
- Angled 90°.
- Malleable shaft.
- Round handle.
- Overall length: 168mm, 6.6 inches.



House

*Not Available in Canada.

Middle Ear Instruments

Sheehy-House Knife Curette

- Semi sharp.
- Round handle.
- Straight shaft, malleable.
- Overall length: 168mm, 6.6 inches

Catalog #	Diameter Blade Size	Referred To As
N1705 16	2mm	Small Weapon
N1705 17	2.5mm	Large Weapon



N1705 67* House Middle Ear Mirror

- 2mm diameter.
- Angled 45°.
- Round handle.
- Overall length: 168mm, 6.6 inches.



House Needle

- Malleable shaft.
- Round handle.

Catalog #	Tip	Overall Length
N1705 01*	Curved, semi-sharp point	168mm, 6.6 inches
N1705 21*	Rosen point (semi-sharp), 3mm, curved	160mm, 6.3 inches
N1705 02D	Rosen type curved and slightly dulled	168mm, 6.6 inches



*Not Available in Canada.

Middle Ear Instruments

House Pick

- Round handle.
- Overall length: 168mm, 6.6 inches.



Catalog #	Type	Tip	Angle	Shaft	
N1705 83A	House	1mm long point	90°	Malleable, heavy	
N1705 83B	House	1.5mm long point	90°	Malleable, heavy	
N1705 83C	House	3mm long point	90°	Malleable, heavy	
N1705 79	House Barbara	Straight point		Malleable	
N1705 83J*	House-Crabtree Dissector	1.5mm flattened	90°	Straight	
N1705 83JS*	House-Crabtree Dissector	2.5mm flattened	90°	Straight (Referred to as "Jimmy")	
N1705 79H	House Obtuse	0.25mm long point	30°	Malleable	
N1705 80	House Oval Window	0.33mm long point	30°	Malleable	
N1705 81	House Oval Window	0.66mm long point	30°	Malleable	
N1705 82F	House Oval Window	0.33mm long point	90°	Malleable, fine	
N1705 82M	House Oval Window	0.33mm long point	90°	Malleable, medium	
N1705 82MS	House Strut	0.5mm long point	90°	Malleable, medium	
N1705 82S	House Strut	0.66mm long point	90°	Medium	

House

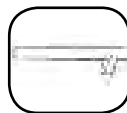
*Not Available in Canada.

Middle Ear Instruments

House Strut Caliper

- Round handle.
- Malleable shaft.
- Overall Length: 168mm, 6.7 inches.

Catalog #	Marker From Tip
N1705 70A	3.5mm
N1705 70B	4.0mm
N1705 70C	4.5mm
N1705 70D	5.0mm



N1705 63 House Wire Strut Guide

- 0.6mm long tip with notched end.
- Malleable shaft, angled 10°.
- 62mm from angle to tip.
- Flat handle.
- Overall length: 156mm, 6.2 inches.



KOS

N1707 10 Kos Pick

- Straight point.
- 85mm from angle to tip.
- Bayonet flat handle.
- Overall length: 172mm, 6.8 inches.



*Not Available in Canada.

Middle Ear Instruments

MC GEE

McGee Middle Ear Instruments

- Round handle.
- Overall length: 165mm, 6.5 inches.

Catalog

N1685 D 4

Type

Footplate Pick

Tip

Anterior, 0.2mm long point, Angled up 90°, Shaft angled 20°, 60mm from angle to tip



N1685 D 5

Footplate Pick

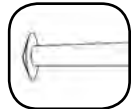
Posterior, 0.2mm long point, Angled down 90°, Shaft angled 20°, 60mm from angle to tip.



N1685 D 8

Oval Window Rasp

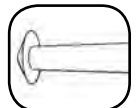
Small 0.016mm diameter rasp, Shaft angled 20°, 60mm from angle to tip.



N1685 D 9

Oval Window Rasp

Large, 0.028mm diameter rasp, Shaft angled 20°, 60mm from angle to tip.



N1685 D10*

Perforating Needle

Straight point, Shaft angled 20°, 60mm from angle to tip.



McGee | Paparella

PAPARELLA

Paparella Middle Ear Instruments

- Octagonal handle.
- Overall length: 163mm, 6.4 inches.

Catalog

N1685 S19

Type

Elevator-Knife

Tip

Duckbill type, sharp, 3mm x 8mm curved blade



N1685 S15

Sickle Knife

5.5 pointed curved blade



*Not Available in Canada.

Middle Ear Instruments

ROSEN

Rosen Middle Ear Instruments

- Round handle.
- Overall length: 168mm, 6.6 inches.



Catalog

N1690 6*

Type

Knife-Curette

Tip

Small, 2mm diameter blade,
Angled up 45°



N1690 7*

Knife-Curette

Large, 2.5mm diameter blade,
Angled up 45°



N1690 2

Pick

Curved, 1.5mm curve from tip



N1690 1*

Pick

Curved, 3mm curve from tip



SCHEER

N1709 06*

Scheer Needle

- Malleable shaft.
- Hexagonal handle.
- Overall length: 162mm, 6.4 inches.



SCHUKNECHT

N1698 57* **Schuknecht Needle**

- Shaft angled 18°.
- 55mm from angle to tip.
- Round handle.
- Overall length: 165mm, 6.5 inches.



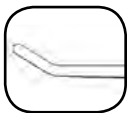
*Not Available in Canada.

Middle Ear Instruments

SHEA

N1699 J **Shea Pick**

- Blunt 2mm long tip.
- Angled 35°.
- Round handle.
- Overall length: 171mm, 6.7 inches.



SILVERSTEIN

Silverstein Middle Ear Instruments

- NOTE: Silverstein instruments are designed specifically for Retrolabyrinthine Vestibular Neurectomy Surgery
- Overall length: 180mm, 7.2 inches.



Catalog #	Type	Tip
N1706 S8*	Micro Mirror	3mm diameter, Angled 45°
N1705 S9	Round Knife	1mm diameter, Angled 33°.
N1706 S11*	Round Knife	3mm diameter, Angled 33°



Shea | Silverstein

*Not Available in Canada.



MIRRORS

Laryngeal108

Otologic109

LARYNGEAL

Laryngeal Mirror with Handle

- Stationary round handle.
- Overall length 215mm, 8.5 inches.

Catalog #	Diameter
N7700 00	10mm
N7700 0	14mm
N7700 1	16mm
N7700 2	18mm
N7700 3	20mm
N7700 4	23mm
N7700 5	25mm
N7700 6	28mm



Laryngeal Mirror

- Stationary round handle.

Catalog #	Diameter	Overall Length
N7710 00*	10mm	215mm, 8.5 inches
N7710 0	14mm	130mm, 5.1 inches
N7710 1	16mm	130mm, 5.1 inches
N7710 2	18mm	130mm, 5.1 inches
N7710 3	20mm	130mm, 5.1 inches
N7710 4	23mm	130mm, 5.1 inches
N7710 5	25mm	130mm, 5.1 inches
N7710 6	28mm	130mm, 5.1 inches



*Not Available in Canada.

OTOLOGIC

N1705 67* **House Middle Ear Mirror**

- 2mm diameter.
- Angled 45°.
- Round handle.
- Overall length: 168mm, 6.6. inches.



N1706 S8* **Silverstein Micro Mirror**

- 3mm diameter.
- Angled 45°.
- Overall length 180mm, 7.2 inches.
- NOTE: Silverstein instruments are designed specifically for Retrolabyrinthine Vestibular Neurectomy Surgery.



*Not Available in Canada.



MISCELLANEOUS

Miscellaneous..... 112

Miscellaneous

Adenotome Blade

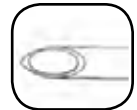
- For use with N6050 LaForce Adenotome and N6060 Shambaugh Adenotome

Catalog #	Blade Size
N6065 0*	7mm
N6065 1	10mm
N6065 3*	15mm



N2530* Antrum Trocar Needle

- 14 gauge.
- With cross bar.
- Overall length 110mm, 4.3 inches.



N5175 Cartilage Crusher

- Overall length 70mm, 2.8 inches.



E5699 Corneal Crouch Protector

- Blue.
- Developed for oculoplastic procedures for corneal and scleral protection.
- Dimensions enable protector to rest on sclera and not on cornea.
- Individually packaged sterile, 10 per box.



E5699 P Pediatric Corneal Shields

- Green.
- Developed by Earl Crouch for pediatric oculoplastic procedures for corneal and scleral protection.
- Dimensions enable protector to rest on sclera and not on cornea.
- Individually packaged sterile, 10 per box.



*Not Available in Canada.

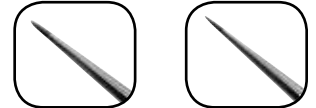
N4298 Crawford Fascia Stripper

- Overall length 355mm, 14.0 inches.



E4343 Cunningham Punctal Probe

- Compact design for easier manipulation while at the slit lamp.
- Double-ended instrument includes markings on each end to guide estimation of punctum diameter during dilation.
- Probe ends are 0.4-0.6mm and 0.7-0.9mm with 0.5mm and 0.8mm diameters at the half-way point respectively.
- Overall length: 88.9 mm, 3.5 inches.



N1702 D Derlacki Mobilizer

- Diamond shape serrations.
- Four small points.
- Overall length 155mm, 6.1 inches.



N0177 C Hartmann Tuning Forks

- Provided with handle.
- 150mm, 5.9 inches.
- Frequency: C- 512 without weights.



N1705 93 House Cutting Block

- Delrin®, autoclavable plastic.
- 8mm thick x 38mm wide.
- Overall length 73mm, 2.9 inches.



Miscellaneous

Press

- With ratchet box lock.
- Overall length: 190mm, 7.5 inches.

Catalog #	Type	Plate
N1705 92L	House Gelfoam®	12mm x 16mm
N1705 91	Sheehy Fascia	23mm x 31mm



N0004 PR* **Protective Sleeve for Endoscope**

- Protective sleeve for endoscope.



N1685 P1 **Proud Fascia Crusher**

- 22mm x 32mm plate.
- With ratchet box lock.
- Overall length 247mm, 9.7 inches.



N1699 V **Shea Speculum Holder**

- Overall length 300mm, 11.8 inches.



*Not Available in Canada.

MOUTH GAGS

Mouth Gags 116

Mouth Gags

N7460* **Davis Blade No. 4**

- 25mm x 85mm blade.
- Overall length: 131mm, 5.2 inches.



N7450 **Davis Mouth Gag**

- Double bite, right.
- 63mm inside spread.
- Overall length: 150mm, 6.0 inches.



N7451 **Davis Mouth Gag**

- Double bite, left.
- 63mm inside spread.
- Overall length: 150mm, 6.0 inches.



N7430 **Denhardt Mouth Gag**

- 30mm inside spread.
- Overall length: 130mm, 5.2 inches.



N5954 **Dingman Mouth Gag**

- Grooved endotracheal type tongue blades.
- Adjustable upper retractor blades.
- Adjustable cheek retractors.
- Coil springs on upper frame for suture handling.
- Complete set of three tongue blades.



N7536 R **Leivers Mouth Gag Frame**

- Child size.
- Right.
- 55mm inside spread.
- Does not include bites.
- Adjustable swivel bite plates for children or adults whose dental arch is not accommodated by solid or fixed curve bite plates.
- Provides some support on hard palate.
- Overall length: 145mm, 5.8 inches.



*Not Available in Canada.

N7537 L Leivers Mouth Gag Frame

- Adult size.
- Left.
- 66mm inside spread.
- Does not include bites.
- Adjustable swivel bite plates for children or adults whose dental arch is not accommodated by solid or fixed curve bite plates.
- Provides some support on hard palate
- Overall length: 154mm, 6.1 inches..



N7537 R Leivers Mouth Gag Frame

- Adult size.
- Right.
- 66mm inside spread.
- Does not include bites.
- Adjustable swivel bite plates for children or adults whose dental arch is not accommodated by solid or fixed curve bite plates.
- Provides some support on hard palate.
- Overall length: 154mm, 6.1 inches.



N7538 Leivers Swivel Type Bite

- Silicone Lined.
- Pair(2 each) of swivel type bite.
- Overall length: 25mm, 1.0 inch.



N5957 A* Logan Lip Traction Bow

- Teeth prevent traction of crying on cleft lip repair during postoperative period.
- Measurements are the inside span between tooth bars.
- Size small.
- Dimension: 29mm.



N5958* Logan Tractor Bow

- Arch bar strong enough for design use and malleable enough to change span as required.
- Overall length: 40mm, 1.6 inches.



*Not Available in Canada.

Mouth Gags

Palate Type Blade

- For N7502.
- Overall length: 140mm, 5.6 inches.

Catalog #	Size	Blade Size
N7504	2-1/2	22mm x 69mm
N7506*	3	24mm x 90mm
N7508*	4	25mm x 100mm



N7502 Palate Type Mouth Gag

- Frame only.
- With removable ring to replace rubber tubing.



Ring Blade

- Will fit Davis (palate type) or Leivers frames.
- Endotracheal tube is held within a groove extending the full length of the blade.



Catalog #	Size	Left/Right	Blade Size	Tubes	Overall Length
N7519 L2	2	Left	22mm x 57mm	Up to 24 French	155mm, 6.2 inches
N7519 L3	3	Left	29mm x 72mm	Up to 29 French	160mm, 6.4 inches
N7519 L4	4	Left	34mm x 85mm	Up to 37 French	160mm, 6.5 inches
N7519 L5	5	Left	37mm x 94mm	Up to 37 French	160mm, 6.5 inches
N7519 R2	2	Right	22mm x 57mm	Up to 24 French	155mm, 6.2 inches
N7519 R3	3	Right	29mm x 72mm	Up to 29 French	160mm, 6.4 inches
N7519 R4	4	Right	34mm x 85mm	Up to 37 French	160mm, 6.5 inches
N7519 R5	5	Right	37mm x 94mm	Up to 37 French	160mm, 6.5 inches

*Not Available in Canada.

N7545 **Silicone Bite Liners**

- Fits swivel type Leivers and all Davis mouth gags.
- Made of 100% silicone.
- No latex.
- Autoclavable.
- 2/package.
- Overall length: 27mm, 1.1 inches.

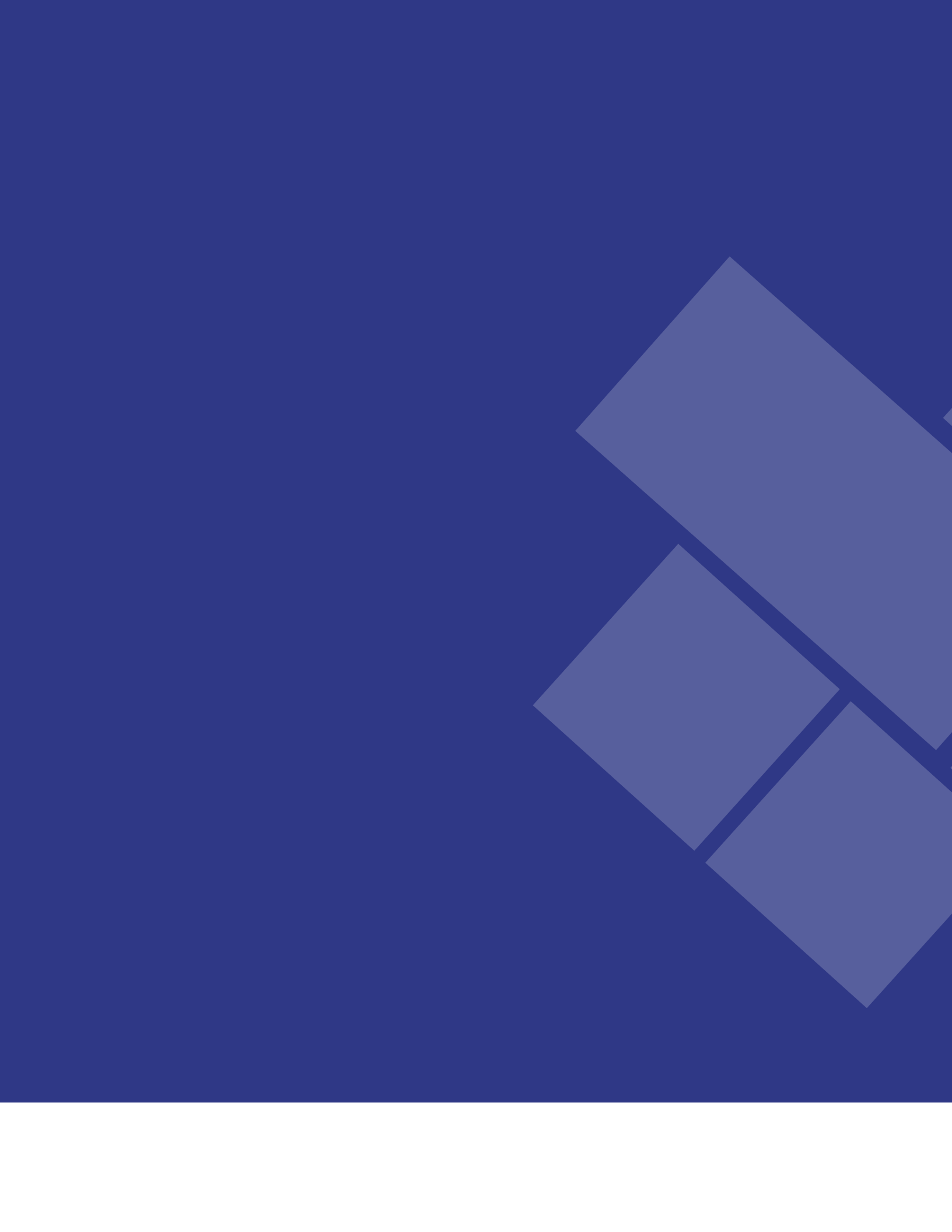


N7435 **Sluder-Jansen Mouth Gag**

- Adult size.
- 50mm inside spread.
- Overall length: 125mm, 5.0 inches.



*Not Available in Canada.



NEEDLE HOLDERS

Ring Handle..... 122

Spring Handle..... 124

Tungsten Carbide.....130

Needle Holders

RING HANDLE

M7500 Bayonet Needle Holder

- Straight.
- Fine 14mm jaws.
- Ring handle with ratchet lock.
- Overall length 162mm, 6.4 inches.



N5700 Brown Needle Holder

- Straight.
- Heavy 13mm special hard serrated jaws.
- Ring handle with ratchet lock.
- Overall length: 134mm, 5.2 inches.



E3876 Derf Needle Holder

- Straight.
- Heavy 13mm serrated jaws and grooves.
- Ring handle with ratchet lock and dull finish.
- Overall length 130mm, 5.1 inches.



N5746 Mayo-Hegar Needle Holder

- Straight.
- Heavy 19mm narrow serrated jaws.
- Ring handle with ratchet lock.
- Overall length: 153mm, 6.0 inches.



Needle Holders

N5708* **Randall-Brown Needle Holder**

- Straight.
- Fenestrated.
- Heavy 13mm serrated jaws.
- Ring handle with ratchet lock.
- Overall length: 159mm, 6.2 inches.



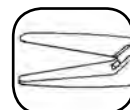
N3390* **Sofferman Needle Holder**

- Straight.
- Delicate 5mm serrated jaws.
- Ring handle with ratchet lock.
- Length of shaft 93mm.
- Overall length: 162mm, 6.3 inches.



N5712 **Webster Needle Holder**

- Straight.
- Medium 19mm special hard jaws.
- Ring handle with ratchet lock.
- Overall length: 125mm, 4.9 inches.



N5713 **Webster Needle Holder**

- Straight.
- Medium 13mm special hard jaws.
- Ring handle with ratchet lock.
- Overall length: 114mm, 4.5 inches.



Ring Handle

*Not Available in Canada.

Needle Holders

SPRING HANDLE

Barraquer Needle Holder

- Delicate 9mm jaws.
- Round knurled handle with dull finish.



Catalog

E3828 CW

Jaws

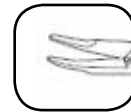
Curved

Locking

Locking

Overall Length

133mm, 5.2 inches



E3828 CWO

Gently Curved

Non-Locking

133mm, 5.2 inches



E3828 SW

Straight

Locking

134mm, 5.3 inches



E3828 SWO

Straight

Non-Locking

134mm, 5.3 inches



E3842 Barraquer Needle Holder - Curved

- Fine 10mm moderately curved jaws.
- Large round knurled handle with dull finish.
- Without lock.
- Overall length: 137mm, 5.4 inches.



E3844 Barraquer Needle Holder - Curved

- Fine 10mm gently curved jaws.
- Medium round knurled handle with dull finish.
- Overall length: 135mm, 5.3 inches.



Needle Holders

E3845

Barraquer Needle Holder - Curved

- Fine 10mm gently curved jaws.
- Large round serrated handle with polished finish.
- Overall length: 125mm, 4.9 inches.



E3843

Barraquer Needle Holder - Curved with Lock

- Fine 10mm moderately curved jaws.
- Large round knurled handle with dull finish.
- With lock.
- Overall length: 137mm, 5.4 inches.



Castroviejo Needle Holder

- Medium jaws.
- Flat serrated handle with polished finish.



	Size	Jaws	Locking	Overall Length	
E3848	11mm	Gently curved	Locking	137mm, 5.4 inches	
E3849	11mm	Gently curved	Non-Locking	137mm, 5.4 inches	
E3861	10mm	Straight	Locking	136mm, 5.4 inches	

Spring Handle

*Not Available in Canada.

Needle Holders

Castroviejo Needle Holder

- Fine jaws.
- Polished finish.



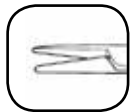
Catalog #	Size	Jaws	Handle	Locking	Overall Length
E3861 WH	9mm	Straight	Wide serrated	Locking	140mm, 5.5 inches
E3861 WHMC	9mm	Curved	Wide serrated	Locking	130mm, 5.1 inches
E3861 WHMS	9mm	Straight	Wide serrated	Locking	130mm, 5.1 inches
E3862	10mm	Straight	Flat serrated	Non-locking	136mm, 5.4 inches



Castroviejo Needle Holder

- Heavy straight jaws.
- Flat serrated handle with lock.
- Polished finish.

Catalog #	Size	Overall Length
E3864	16mm	149mm, 5.9 inches
E3850	12mm	138mm, 5.4 inches



E3852 Castroviejo Needle Holder - Straight with Lock, Medium

- Medium 9mm tungsten carbide inlaid straight jaws.
- Flat serrated handle with lock.
- Dull finish.
- Overall length: 148mm, 5.8 inches.



*Not Available in Canada.

Needle Holders

Cohan Needle Holder - Mini

- Fine 8mm jaws.
- Medium round knurled handle with dull finish.
- Overall length: 104mm, 4.1 inches.

Catalog #	Jaws	Locking
E3836 C	Gently Curved	Non-Locking
E3836 CW	Gently curved	Locking



E3829 Green Needle Holder 12mm Straight Heavy

- Heavy 12mm straight jaws.
- Flat serrated spring loaded handle.
- Serrated suturing platform on opposite end.
- Polished finish.
- Overall length: 108mm, 4.3 inches.



McPherson Needle Holder

- Fine 11mm jaws.
- Flat serrated handle with lock.
- Polished finish.
- Overall length: 107mm, 4.2 inches

Catalog #	Jaws	Locking
E3834	Straight	Locking
E3835	Curved	Locking



Spring Handle

*Not Available in Canada.

Needle Holders

Needle Holder

- Medium jaws.
- Polished finish.
- Large round knurled handle



Catalog #	Size	Jaws	Locking	Overall Length
E3797 X	9mm	Curved	Non-locking	130mm, 5.1 inches
E3797	9mm	Curved	Locking	130mm, 5.1 inches
E3796	9mm	Straight	Non-locking	130mm, 5.1 inches
E3795	9mm	Straight	Locking	130mm, 5.1 inches



E3797 LC Needle Holder - Curved with Lock

- Fine 9mm gently curved jaws.
- Large round knurled handle with lock.
- Polished finish.
- Overall length: 130mm, 5.1 inches.



Spring Handle

*Not Available in Canada.

Needle Holders

Troutman Needle Holder

- Medium 10mm gently curved jaws.
- Medium round “horizontally” serrated handle with dull finish.
- Overall length: 122mm, 4.8 inches.

Catalog #	Jaws	Locking
E3839	Gently Curved	Non-Locking
E3839 X	Gently Curved	Locking



E3839 XWH Troutman Needle Holder - Curved with Lock

- Fine 9mm moderately curved jaws.
- Wide serrated handle with lock.
- Polished finish.
- Overall length: 130mm, 5.1 inches.



Spring Handle

*Not Available in Canada.

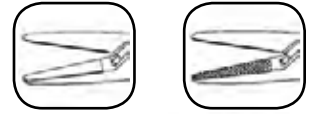
Needle Holders

TUNGSTEN CARBIDE

Crile-Wood Needle Holder

- Straight.
- Tungsten-carbide inserts.
- Ring handle with ratchet lock.
- Fine serrated jaws.
- Overall length: 153mm, 6.0 inches

Catalog #	Jaws	Size
P0430	Serrated	14mm
P0435	Smooth	15mm



P0400 Derf Needle Holder

- Straight.
- Tungsten-carbide inserts.
- Fine 10mm serrated jaws.
- Ring handle with ratchet lock.
- Overall length: 114mm, 4.5 inches.



Halsey Needle Holder

- Straight.
- Fine 14mm jaws.
- Tungsten-carbide inserts.
- Ring handle with ratchet lock.
- Overall length: 132mm, 5.2 inches

Catalog #	Jaws
P0410	Serrated
P0415	Smooth



Needle Holders

P0130 Mayo-Hegar Needle Holder

- Straight.
- Tungsten-carbide inserts.
- Heavy 15mm narrow serrated jaws.
- Ring handle with ratchet lock.
- Overall length: 153mm, 6.0 inches.



Par Needle Holder

- Delicate, straight, lightly serrated jaws.
- Tungsten-carbide inserts.
- Ring handle with ratchet lock.

Catalog #	Size	Overall Length
P0404	12mm	114mm, 4.5 inches
P0414	15mm	127mm, 5.0 inches



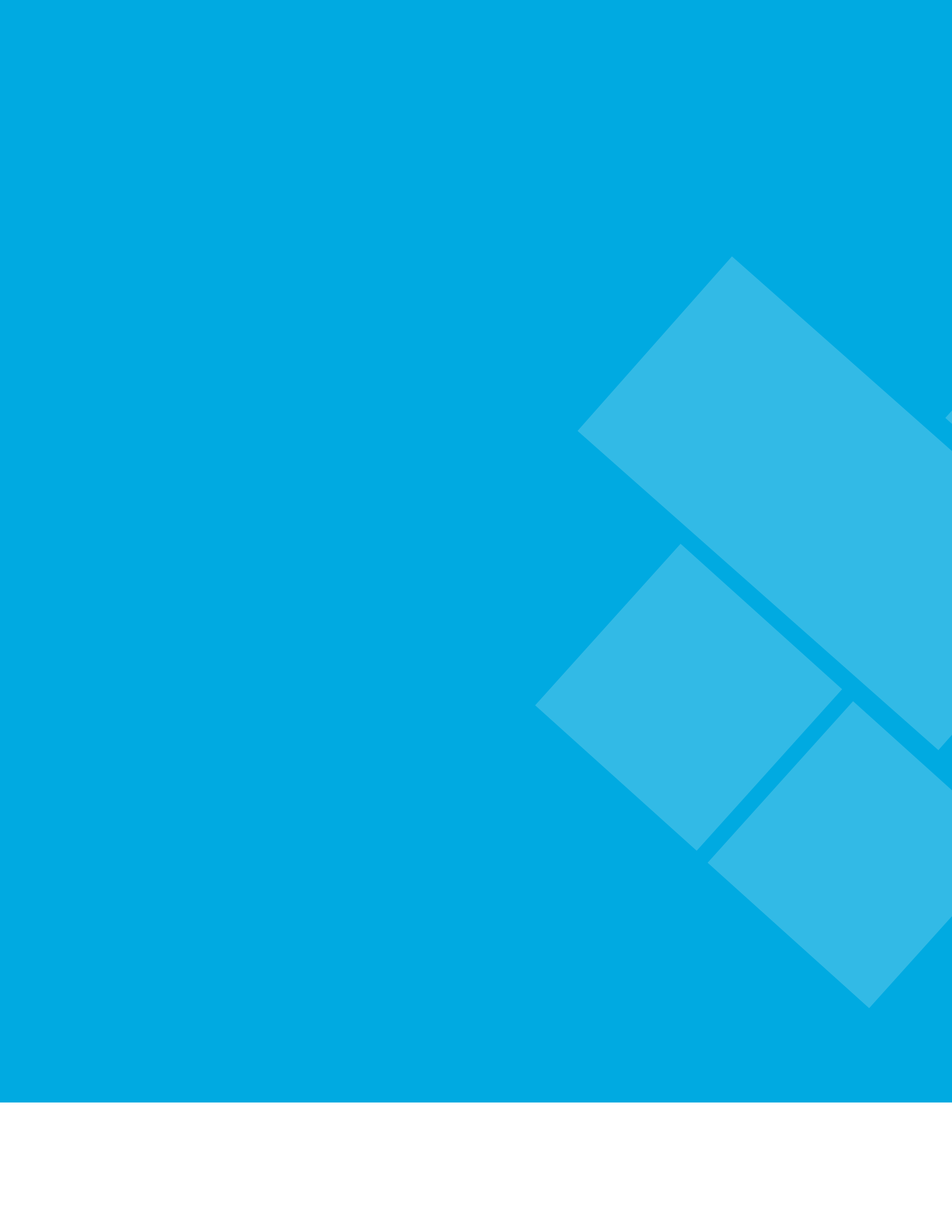
P0405 Webster Needle Holder

- Straight.
- Smooth.
- Tungsten-carbide inserts.
- Medium 11mm jaws.
- Ring handle with ratchet lock.
- Overall length: 114mm, 4.5 inches.



Tungsten Carbide

*Not Available in Canada.



NEEDLES

Needles 134

Needles

N2530* Antrum Trocar Needle

- 14 gauge.
- With cross bar.
- Overall length: 110mm, 4.3 inches.



Fascia Needle

- Curved.
- 2mm wide tip
- Ring handle.



Catalog #	Type	Eye	Finish	Overall Length
E2490	Iliff-Wright	4mm		127mm, 5.0 inches
E2488	Wright	6mm	Polished	130mm, 5.1 inches



House Needle

- Malleable shaft.
- Round handle.



Catalog #	Tip	Curve to Tip	Overall Length
N1705 01*	3mm	Curved, semi-sharp point	168mm, 6.6 inches
N1705 21*	3mm	Rosen point (semi-sharp)	160mm, 6.3 inches
N1705 02D		Rosen type curved and slightly dulled	168mm, 6.6 inches



*Not Available in Canada.

Luer-Lok® Tonsil Needle

- 23 gauge.

Catalog #

N7574*

Needle

Curved

Full Length of Extension

13mm

Overall Length

100mm, 3.9 inches



N7570*

Straight

19mm

107mm, 4.2 inches



Perforating Needle

- Round handle.
- Overall length: 165mm, 6.5 inches.

Catalog #

N1685 D10*

Type

McGee

Angled
Tip Length

20°

Angle to
Point

60mm

Straight

Overall Length

165mm, 6.5 inches



N1698 57*

Schuknecht

18°

55mm

165mm, 6.5 inches



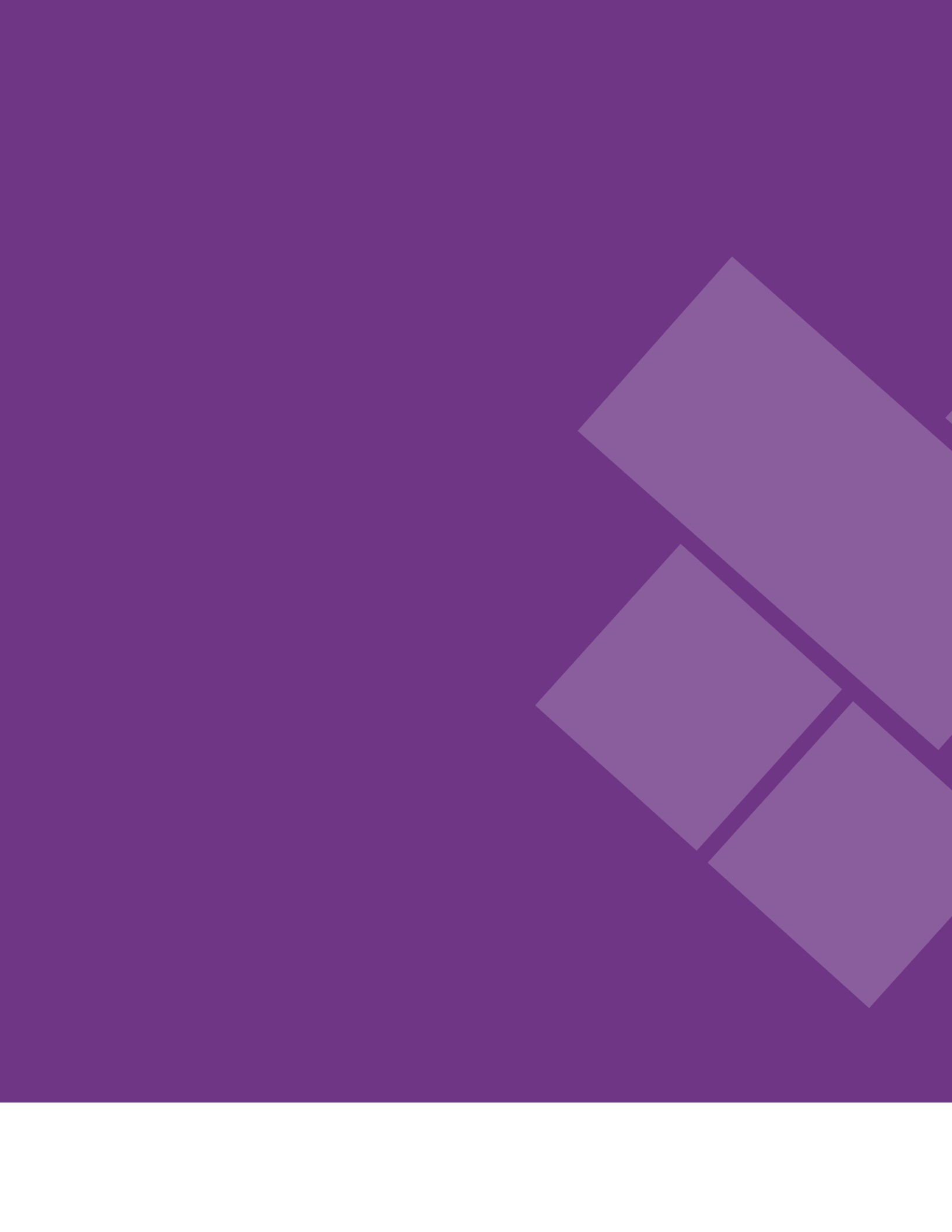
N1709 06*

Scheer Needle

- Malleable shaft.
- Hexagonal handle.
- Overall length: 162mm, 6.4 inches.



*Not Available in Canada.



OCULOPLASTIC

Lacrimal, DCR.....138

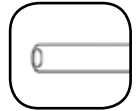
Lid150

Orbital.....152

LACRIMAL, DCR

E4411 **Bailey Lacrimal Cannula**

- 23 gauge cannula with reinforced shaft and blunt 6mm tip.
- Polished finish.
- Overall length excluding hub: 14mm, 0.6 inches.



E2640 **Baird Chalazion Forceps**

- Oval solid 13.6mm x 10.5mm wide lower plate.
- Open upper plate with inside dimensions 11mm x 8mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 97mm, 3.8 inches.



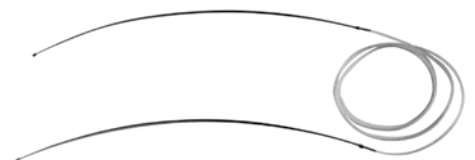
E4222 **Benger Probe Hook**

- Designed to engage the Benger probe tips.
- Straight 63mm shaft with dull finish.
- Overall length: 135mm, 5.3 inches.



E4223 **Benger Probe Set**

- Fine 118mm, 4.6 inch stainless steel wire probes with olive tips.
- Set consists of two wires with 320mm of silicone tubing (N5941 1).
- Polished finish.
- Overall length: 556mm, 21.9 inches.



Berke Ptosis Forceps

- Multi-curved shafts with straight blades and longitudinal serrations.
- Slide lock and serrated handle with polished finish.
- Overall length: 98mm, 3.9 inches

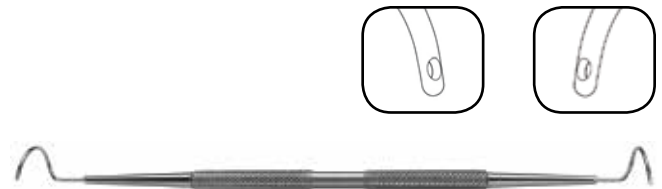


Catalog #	Blade Length
E2500	20mm
E2504	27mm

*Not Available in Canada

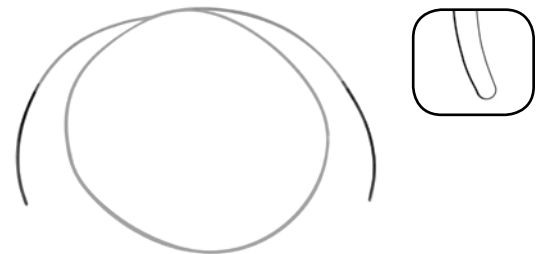
E4251 CB Beyer Pigtail Probe

- 16mm diameter pigtail curved probes with suture eyes just back of blunt ends.
- Stainless steel.
- Round knurled handle with polished finish.
- Overall length: 146mm, 5.7 inches.



E4221 Bodian Mini-Lacrimal Probes

- Probes are 1mm in diameter and 37mm long, gently curved.
- Silicone tubing is 30cm long, .012" x .025" (N5941 1).
- Malleable sterling silver.
- Polished finish.
- Overall length: 370mm, 13.6 inches.



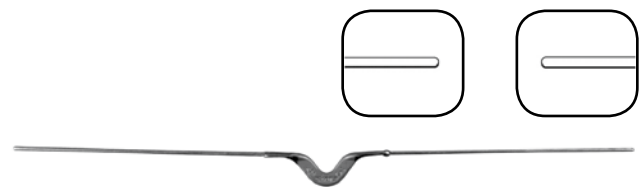
E4343* Cunningham Punctal Probe

- This punctal probe features a compact design for easier manipulation while at the slit lamp.
- The double-ended instrument includes markings on each end to guide estimation of the punctum diameter during dilation.
- Probe ends are 0.4 - 0.6 mm and 0.7 - 0.9 mm with 0.5 mm & 0.8 mm diameters at the way point respectively.
- Overall length: 88.9 mm, 3.5 inches



Bowman Lacrimal Probes

- Malleable sterling silver.
- Polished finish.
- Overall length: 144mm, 5.7 inches.



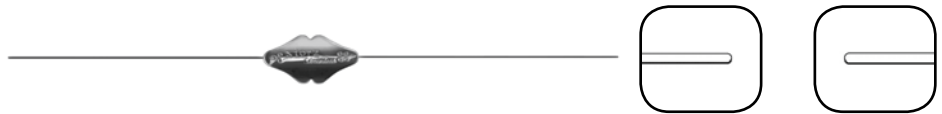
Catalog #	Sizes
E4181	00 and 0
E4182	1 and 2

*Not Available in Canada

Bowman Lacrimal Probes

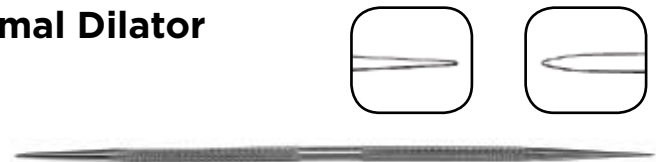
- Polished finish
- Malleable

Catalog #	Sizes	Material	Overall Length
E4198	0000 and 000	Stainless steel	151mm, 6.0 inches
E4199	3 and 4	Stainless steel	144mm, 5.7 inches
E4200	0000 and 000	Sterling silver	142mm, 5.6 inches
E4201	00 and 0	Sterling silver	142mm, 5.6 inches
E4202	1 and 2	Sterling silver	142mm, 5.6 inches
E4203	3 and 4	Sterling silver	142mm, 5.6 inches
E4204	5 and 6	Sterling silver	142mm, 5.6 inches
E4205	7 and 8	Sterling silver	142mm, 5.6 inches



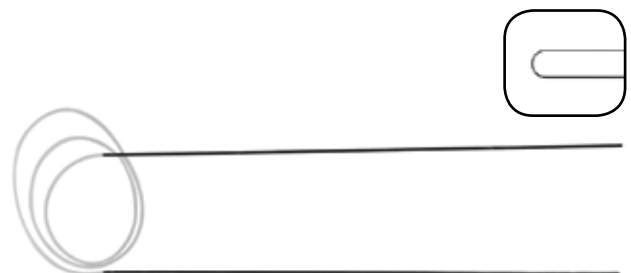
E4340 Castroviejo Double Ended Lacrimal Dilator

- One end with needle point and other end with medium taper.
- Stainless steel.
- Round knurled handle with polished finish.
- Overall length: 140mm, 5.7 inches.



E5654 Catalano Intubation Set

- Single Use item.
- Set consists of two malleable sterling silver probes.
- 0.7mm diameter with blunt tip.
- 140mm (5.5 inches) long with 290mm (11.4 inches) of silicone tubing (N5941 1) fastened onto the probe.
- Polished finish.
- Overall length: 570mm, 22.4 inches.



E0787* Cunningham Ring Curette

- This curette is designed for ease of visualization during foreign body removal in the office setting.
- The instrument features a doubled-edged, 360-degree curette to allow for an approach from any angle and use with either hand.
- Overall length: 124.5 mm, 4.9 inches



*Not Available in Canada

E2604 Demarres Chalazion Forceps - 24mm

- Oval solid 26mm x 16mm wide lower plate.
- Open upper plate with inside dimensions 12mm x 23mm.
- Curved upper and lower plates
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 90mm, 3.5 inches.



E2515* Erickson-Lee Ptosis Clamp

- The Erickson-Lee Ptosis clamp offers contoured, refined jaws for improved fit to the eye, increased visibility and ease of access.
- It offers a secure grip of the tissues while easily locking and releasing.
- The slide lock design aids in positioning the clamp during use.
- Overall length: 96mm, 3.8 inches.



Erickson-Lee Pigtail Lacrimal Probe CCW

- Cannulated probe, with ported end, allows the use of fluid to open the lacrimal duct, improving the ease of insertion.
- Recommend pairing the CW and CCW to accommodate right and left tear duct surgeries.
- Overall length: 18mm, 1.7 inches.



Catalog #	Orientation
E2516*	Counter-clockwise
E2517*	Clockwise



Lacrimal, DCR

E4426 Fasanella Lacrimal Cannula

- 23 gauge cannula with reinforced shaft.
- 22mm gently curved blunt tip.
- Polished finish.
- Overall length excluding hub: 42mm, 1.7 inches.



*Not Available in Canada

E0808 Foreign Body Curette - 1.0mm Cup

- Straight 31mm shaft with flat handle and polished finish.
- Cup: 1.0mm.
- Overall length: 127mm, 5.0 inches.



E2610 Francis Chalazion Forceps

- Oval solid 16mm x 15mm wide lower plate.
- Open upper plate with inside dimensions 12mm x 14mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 98mm, 3.9 inches.



E2614 Heath Chalazion Forceps

- Oval solid 15mm x 17mm wide lower plate.
- Open upper plate with inside dimensions 12mm x 14mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 100mm, 3.9 inches.



E4346 Hosford Double Ended Lacrimal Dilator

- Abrupt taper 2mm from the end, then more gradual taper so that quick dilation of the punctum is obtained.
- Stainless steel.
- Round knurled handle with polished finish.
- Overall length: 140mm, 5.5 inches.



E2618 Hunt Chalazion Forceps

- Round solid 15mm wide lower plate.
- Open upper plate with inside diameter 12mm.
- Serrated handle with locking thumb screw and polished finish.
- Overall length: 97mm, 3.8 inches.



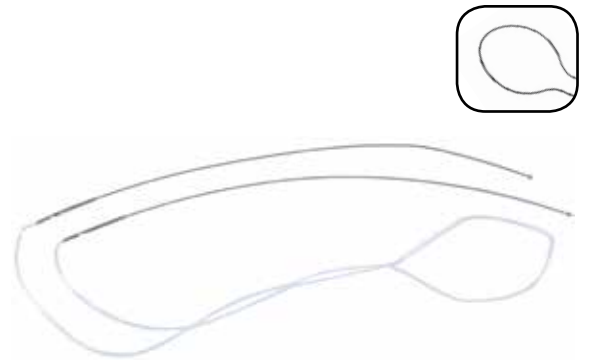
E5651 Jackson Lacrimal Intubation Set

- Single use item.
- Blunt tip.
- Malleable stainless steel.
- Set consists of two 20 gauge thin wall Jackson probes.
- 155mm (6.1 inches) long with 300mm (11.8 inches) of silicone tubing (N5941 1) fastened onto the probe.
- Polished finish.
- Overall length: 610mm, 24 inches.



E4223 J* Johnson Lacrimal Probe

- Designed for use with the E4222 Benger Probe Hook.
- Olive-tip probe has the silicone tubing wedged internally in the introducing stylet, reducing the possibility of the tubing being sheared off.
- Set consists of two wires with 320mm of silicone tubing attached (N5941 1).
- Polished finish.
- Overall length: 556mm, 21.9 inches.

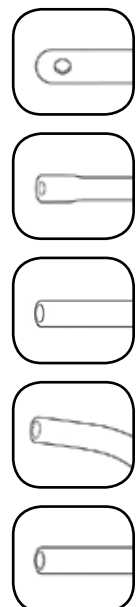


Lacrimal Cannulas

- Polished finish.



Catalog #	Gauge	Shaft	Tip	Overall Length
E4416	19	Straight	Blunt tip, side opening	28mm, 1.1 inches
E4410	22	Malleable	Blunt flared	19mm, 0.8 inches
E4400	23	Straight	Blunt tip	25mm, 1.0 inches
E4406	23	Reinforced	Curved 10mm	31mm, 1.2 inches
E4404	23	Reinforced	Striaight 10mm	31mm, 1.2 inches



Lacrimal, DCR

*Not Available in Canada

Lacrimal Cannulas Single-Use



- Overall length excluding hub: 28mm, 1.1 inches.



Catalog #	Gauge	Tip	Hub Color
ED7184	19 tapers to 23	Straight	White
ED7187	25	Curved	Orange



Lambert Chalazion Forceps

- Round solid lower plate, open upper plate.
- Serrated handle with locking thumb screw and polished finish.



Catalog #	Lower Plate	Upper Plate Inside Diameter	Overall Length
E2632	15mm	12mm	98mm, 3.9 inches
E2630	11mm	9mm	92mm, 3.6 inches

E4395 8* McIntyre Lacrimal Cannula

- 23 gauge cannula ,straight shaft. with blunt tip and side port.
- Polished finish.
- Overall length, excluding hub 46mm, 1.8 inches.



E4395 9* McIntyre Curved Lacrimal Cannula

- 23 gauge cannula, curved shaft with blunt tip and side port.
- Polished finish.
- Overall length, excluding hub 46mm, 1.8 inches.



*Not Available in Canada

Meyerhoeffer Chalazion Curette

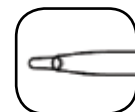
- Straight 31mm shaft with flat handle
- Polished finish.
- Overall length: 124mm, 4.9 inches.

Catalog #	Number	Cup
E0780	0	1.5mm
E0781	1	1.75mm
E0782	2	2.0mm
E0783	3	2.5mm
E0784	4	3.5mm



E4370 Muldoon Lacrimal Dilator

- Medium 27mm taper, distal end is straight to act as a guide for the tapered dilator which follows.
- Stainless steel.
- Round knurled handle with polished finish.
- Overall length: 99mm, 3.9 inches.



E4251 B Polyethylene Tubing for Probes

- Pre-cut and formed in 320mm lengths.
- Three tubes per package.



E4270* Putterman Consecutive Conjunctivodacryocystorhinostomy Set

- Instrument set designed to form the conjunctivodacryocystorhinostomy osteum and place bypass tube while avoiding withdrawal and reinsertion of instruments in each procedural step.
- Needle designed to create the initial track with the trephine used to slide over the needle to create the osteum.
- Once needle is removed, the Bowman-type probe can be inserted through the trephine.
- When the trephine is removed, the probe can be used to measure the distance from medial canthus to nasal septum.
- Probe features marks in 5.0 mm intervals from the tip to 15.0 mm, in 1.0 mm intervals from 15.0 mm to 25.0 mm, and again in 5.0 mm intervals from 25.0 mm to 35.0 mm.



*Not Available in Canada

E2506 Putterman Eyelid Creaser

- Placement of Putterman Eyelid Creaser into the superior aspect of the upper eyelid skin fold demonstrates to patients the effect of an upper blepharoplasty and aids in determining the level to create the upper eyelid crease.
- Can also be used to compress lower eyelid herniated fat to demonstrate the effect fat removal will have on diminishing inferior orbital rim circles, in deciding whether excision or repositioning is indicated.



E2510* Putterman Gladstone Transmarginal Clamp

- Designed to facilitate transmarginal rotation procedure to treat eyelid cicatricial entropions.
- Stabilizes eyelid and increases accuracy of the placement of a skin-muscle incision externally and a tarsal-conjunctival incision internally, decreasing chance of injury to the marginal artery.
- Clamp is also helpful in the Cutler Beard procedure in treatment of upper eyelid defects after tumor removal, traumatic avulsions or colobomas.
- Useful in the mid lower eyelid tarsoconjunctival flap-skin graft procedure in treatment of cicatricial lower lid retraction.



E2509* Putterman Levator Resection Clamp

- Clamp is utilized during the levator resection procedure; pins and grooves firmly hold the levator aponeurosis edge.
- The ability to reattach the handle on either side of the clamp facilitates severing of levator from superior tarsal border when handle is in the superior position and release of the horns as well as attachment of tarsus to levator with the handle in the inferior position.



E2508 Putterman Mullers Muscle Conjunctival Resection Ptosis Clamp

- Designed for use during a Mullers muscle-conjunctival resection ptosis procedure.
- Clamp is used to incorporate conjunctiva and Mullers muscle between the superior tarsal border and the marking suture in order for suturing and resection to occur.



*Not Available in Canada

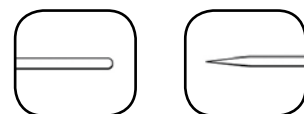
E4220 15 Quickert Grooved Director

- Stainless steel dull finish.
- Overall length: 145mm, 5.7 inches.



Quickert Lacrimal Intubation Probes

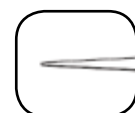
- Malleable sterling silver.
- One end has a Jones taper point, the other end has a regular Bowman point.
- Polished finish.
- Overall length: 142mm, 5.6 inches.



Catalog #	Size
E4220 00	00
E4220 0	0
E4220 1*	1
E4220 2	2
E4220 3*	3
E4220 4*	4

E4366 Ruedemann Lacrimal Dilator

- Short 12mm taper with needle type tip.
- Stainless steel.
- Round smooth handle
- Polished finish.
- Overall length: 71mm, 2.8 inches.



Lacrimal, DCR

E4401 Shahinian Lacrimal Cannula

- 23 gauge cannula with blunt tapered tip and side port.
- Straight shaft with polished finish.
- Overall length excluding hub: 11mm, 0.4 inches.



*Not Available in Canada

E7184 **Straight Lacrimal Cannula -19 Gauge/23 Gauge Tapered**



STERILE



- 19 gauge shaft tapering to 23 gauge cannula.
- Straight.
- Overall length excluding hub: 37mm, 1.5 inches



E4408 **Weil Lacrimal Cannula**

- 21 gauge cannula with blunt tip and top port.
- Curved shaft with polished finish.
- Overall length excluding hub: 34mm, 1.3 inches.



E4418 **West Lacrimal Cannula**

- 23 gauge cannula with blunt tip and bottom port.
- Gently curved shaft with polished finish.
- Overall length excluding hub: 30mm, 1.2 inches.



E4600 **West Lacrimal Sac Chisel**

- 6mm wide serrated square handle with polished finish.
- Overall length: 186mm, 7.4 inches.



Wilder Lacrimal Dilators

- Taper with blunt tip.
- Stainless steel.
- Round knurled handle with polished finish.
- Overall length: 101mm, 3.9 inches.
- Taper: Long 32mm.

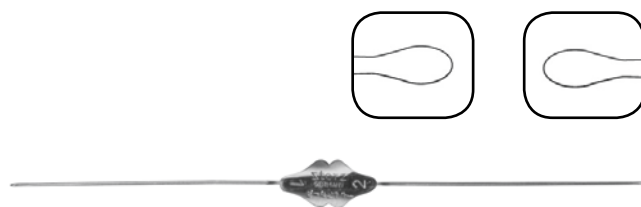
Catalog #	Taper	Size
E4362	Long	32mm
E4361	Medium	23mm
E4360	Short	19mm



Williams Lacrimal Probe

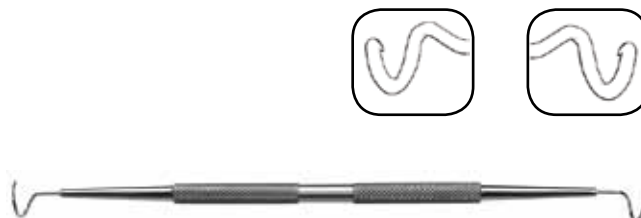
- Malleable sterling silver.
- Polished finish.
- Overall length: 142mm, 5.6 inches.

Catalog #	Size
E4210	00 and 0
E4211	1 and 2
E4212	3 and 4
E4213	5 and 6



E4251 C Pigtail Probe

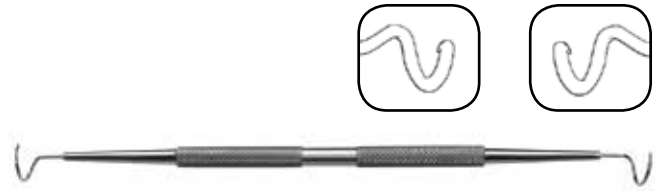
- 8mm diameter pigtail curved probes with suture eyes just back of blunt ends.
- Stainless steel.
- Round knurled handled with polished finish.
- Overall length: 143mm, 5.6 inches.



Oculoplastic

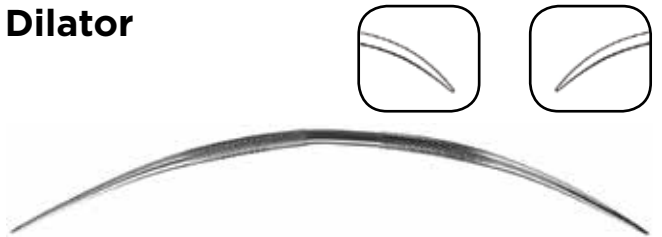
E4251 Worst Pigtail Probe

- 9mm diameter pigtail curved blunt probes.
- Stainless steel.
- Round knurled handle with polished finish.
- Includes pre-cut polyethylene tubes (E4251 B).
- Overall length: 149mm, 5.9 inches.



E4336 Ziegler Double Ended Lacrimal Dilator

- Double ended dilator probes with gentle curve.
- Stainless steel.
- Round knurled handle with polished finish.
- Overall length: 134mm, 5.3 inches.



LID

E1069 Berke-Jaeger Lid Plate

- Curved over length and width.
- 21mm and 24mm wide blades.
- Dull finish.
- Overall length: 110mm, 4.3 inches.



E5699 Corneal Crouch Protector



- Blue.
- Developed for oculoplastic procedures for corneal and scleral protection.
- Dimensions enable protector to rest on the sclera and not on the cornea.



*Not Available in Canada

Desmarres Lid Retractors

- Flat serrated handle with polished finish.
- Overall length: 140mm, 5.5 inches.



Catalog #	Size	Blade Width
E0980	0	11mm
E0981	1	13mm
E0982	2	15mm

E1064 Jaeger Lid Plate

- 20mm x 35mm and 24mm x 35mm curved ends.
- Clear lucite.
- Overall length: 93mm, 3.7 inches.



E1069 S Khan-Jaeger Lid Plate

- This popular style lid plate has been resized and re-curved for transconjunctival blepharoplasty and is sandblasted to provide a non-reflective surface.
- 20mm and 23mm wide blades.
- Overall length: 10.9cm, 4.3 inches.



Orbital Elevator-Retractor

- Double ended.
- Thin ribbon retractor.
- Gentle "S" curve.

Catalog #	Size	Overall length
E3705	16mm/25mm	182mm, 7.2 inches
E3706	10mm/14mm	180mm, 7.1 inches



*Not Available in Canada

ORBITAL

E4514 **Agricola Lacrimal Sac Retractor**

- 3mm curved semi sharp prongs.
- Spring loaded with finger grips and screw lock.
- Blade spread: 32mm.
- Dull finish.
- Overall length: 43mm, 1.7 inches.



E4590 **Belz Lacrimal Sac Rongeur**

- Rounded 17mm long jaws.
- 2mm wide at tip.
- 3mm wide at midline.
- Dull finish.
- Overall length: 178mm, 7.0 inches.



E4538 **Knapp Lacrimal Sac Retractor**

- Blunt 4mm by 8mm wide four prong tip.
- Flat serrated handle with polished finish.
- Overall length: 135mm, 5.3 inches.



E0790 **Skeeel Curette**

- 2mm cup with serrated edge.
- Straight
- 31mm shaft with flat handle
- Polished finish.
- Overall length: 125mm, 4.9 inches.



E4500 **Stevenson Lacrimal Sac Retractor**

- Curved 3mm teeth.
- Blade spread: 22mm.
- Dull finish.
- Overall length: 85mm, 3.3 inches.



E4595 **Tenzel Double Ended Periosteal Elevator**

- 4 x 6 mm dissector end with shaft marked at 10mm, 20mm, and 30mm from tip. 6mm wide curved elevator.
- Round knurled handle.
- Polished finish.
- Overall length: 195mm, 7.7 inches.



*Not Available in Canada

PICKS

Picks 154

Austin Pick Curved

- Round handle.
- Overall length: 160mm, 6.3 inches.

Catalog #	Tip
N1685 J8*	Slightly curved
N1685 J12	1mm long point, angled 90°



Bellucci Pick Curved

- Fine shaft.
- Round handle.
- Overall length: 168mm, 6.6 inches.

Catalog #	Tip	Angle
N1692 9	Short curved point	4mm curve from tip
N1692 16	0.5mm long point	90°
N1692 17	1.0mm long point	90°



Hough Pick Straight

- Overall length: 150mm, 5.9 inches.

Catalog #	Tip	Angle
N1691 10	Straight point	
N1691 12*	Light, slightly curved	10mm curve from tip
N1691 18	0.33mm long tip 50mm from angle to tip	90° 15°



*Not Available in Canada.

House Pick

- Round handle.
- Overall length: 168mm, 6.6 inches.



Catalog #	Type	Tip	Angle	Shaft	
N1705 83A	House	1mm long point	90°	Malleable, heavy	
N1705 83B	House	1.5mm long point	90°	Malleable, heavy	
N1705 83C	House	3mm long point	90°	Malleable, heavy	
N1705 79	House Barbara	Straight point		Malleable	
N1705 83J*	House-Crabtree Dissector	1.5mm flattened	90°	Straight	
N1705 83JS*	House-Crabtree Dissector	2.5mm flattened	90°	Straight (Referred to as "Jimmy")	
N1705 79H	House Obtuse	0.25mm long point	30°	Malleable	
N1705 80	House Oval Window	0.33mm long point	30°	Malleable	
N1705 82F	House Oval Window	0.33mm long point	90°	Malleable, fine	
N1705 81	House Oval Window	0.66mm long point	30°	Malleable	
N1705 82M	House Oval Window	0.33mm long point	90°	Malleable, medium	
N1705 82MS	House Strut	0.5mm long point	90°	Malleable, medium	
N1705 82S	House Strut	0.66mm long point	90°	Medium	

*Not Available in Canada.

N1707 10 Kos Pick

- Straight point.
- 85mm from angle to tip.
- Bayonet flat handle.
- Overall length: 172mm, 6.8 inches.



McGee Footplate Pick

- 0.2mm long point.
- Angled up 90°.
- Shaft angled 20°.
- 60mm from angle to tip.
- Round handle.
- Overall length: 165mm, 6.5 inches.



Catalog #	Orientation
N1685 D 4	Anterior
N1685 D 5	Posterior



Rosen Pick

- Curved.
- Round handle.
- Overall length: 168mm, 6.6 inches.

Catalog #	Angle
N1690 2	1.5mm curve from tip
N1690 1*	3mm curve from tip



N1699 J Shea Pick

- Blunt 2mm long tip.
- Angled 35°.
- Round handle.
- Overall length: 171mm, 6.7 inches.



*Not Available in Canada.

PROBES

Probes 158

Probes

N6291*

Frontal Sinus Seeker

- Double ended.
- Overall length: 215mm, 8.5 inches.



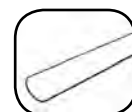
N6290 Maxillary Sinus Seeker

- Double ended.
- Overall length: 215mm, 8.5 inches.



N2085 Skillern Sinus Probe

- Graduated with markers at 70mm, 90mm and 110mm from tip.
- With probe point.
- Malleable shaft.
- Overall length: 173mm, 6.8 inches.



PUNCHES

Punches160

Punches

N3132 Hajek-Kofler Sphenoid Punch Forceps

- Reversible.
- Small, 3mm x 7mm solid biting jaws.
- 3mm footplate depth.
- Angled 90°.
- Length of shaft: 170mm.
- Overall length: 240mm, 9.4 inches.



N6179 King Adenoid Punch Forceps

- No. 1.
- Triangular.
- 7mm lower basket, 6mm upper jaw.
- Strong curve.
- 45mm from curve to tip.
- Length of shaft: 115mm.
- Overall length: 179mm, 7.0 inches.



N3130 McKenty Sphenoid Punch Forceps

- Reversible.
- Small, 1.5mm x 4mm thru-cutting jaws.
- 2mm footplate depth.
- Angled 85°.
- Length of shaft: 135mm.
- Overall length: 180mm, 7.0 inches.



N6172 Meltzer Adenoid Punch Forceps No. 2

- No. 2.
- Triangular.
- 8mm upper jaw, cutting on upper side.
- 9mm bottom basket.
- Length of shaft: 140mm.
- Overall length: 200mm, 8.3 inches.



N2896 1 Ostrum Antrum Punch Forceps

- Backward cutting.
- 3mm x 7mm bite.
- Length of shaft: 115mm.
- Overall length: 180mm, 7.0 inches.



*Not Available in Canada.

RASPS

Rasps 162

N4541 Aufricht Rasp

- Curved.
- 12 teeth.
- 8.5mm x 20mm.
- Set to cut on down stroke.
- Overall length: 205mm, 8.0 inches.



Diamond Surface Rasp

- Fine.
- 7mm x 25mm.
- Overall length: 189mm, 7.4 inches.

Catalog #	End
N4502	Straight
N4503	Curved



Fomon Rasp

- Double-ended.
- Convex and flat ends.
- Set to cut on down stroke.
- Overall length: 213mm, 8.4 inches.

Catalog #	Rasp	Size
N4554	Fine	6.5 x 35mm
N4556	Coarse	6.5 x 40mm



Maltz Rasp

- Original pattern.
- 20 teeth.
- 33mm long.
- 6.6mm wide graduating to 7.0mm.
- Overall length: 168mm, 6.6 inches.

Catalog #	Cut
N4524	Down stroke
N4525	Up stroke



McGee Oval Window Rasp

- Shaft angled 20°.
- 60mm from angle to tip.
- Round handle.
- Overall length: 165mm, 6.5 inches.



Catalog #	Size	Rasp Diameter
N1685 D 8	Small	.016mm
N1685 D 9	Large	.028mm

Rasp Tungsten Carbide Ends

- Double-ended.
- Straight.
- Tungsten carbide ends.
- 7mm x 40mm.
- Set to cut on down stroke.
- Overall length: 205mm, 8.1 inches.
- Gold Handles



Catalog #	End 1	End 2
P1000 2	Very fine (grit no. 1)	Fine (grit no. 2)
P1000 4	Very fine (grit no. 3)	Fine (grit no. 4)
P1000 6	Very fine (grit no. 5)	Fine (grit no. 6)
P1000 8	Very fine (grit no. 7)	Fine (grit no. 8)

N2614 Wiener Antrum Rasp

- Small.
- Trocar tip.
- 4mm diameter.
- Overall length: 190mm, 7.5 inches.



*Not Available in Canada.



RETRACTORS

Retractors166

Retractors

NLS3480 **Adson Retractor**

- Self-retaining.
- 4 x 4 sharp prongs.
- 19mm long prongs.
- 115mm inside spread.
- Overall length: 203mm, 8.0 inches.



E4514 **Agricola Lacrimal Sac Retractor**

- 3mm curved semi sharp prongs.
- Spring loaded with finger grips and screw lock.
- Blade spread: 32mm.
- Dull finish.
- Overall length: 41mm, 1.6 inches.



N4847 **Army-Navy Retractor**

- Set of 2.
- Double-ended.
- 15mm x 21mm and 15mm x 42mm blades.
- Overall length: 216mm, 8.5 inches.



N4870 **Aufricht Nasal Retractor**

- 10mm x 45mm blade.
- Overall length: 182mm, 7.2 inches.



N1692 30 **Bellucci-Wullstein Retractor**

- Self-retaining.
- 10mm x 20mm solid blade on right.
- 2 blunt prongs on left.
- 13mm long prongs.
- 45mm inside spread.
- Overall length: 130mm, 5.1 inches.



N1692 31 **Bellucci-Wullstein Retractor**

- Self-retaining.
- 10mm x 25mm solid blade on left.
- 2 semi-sharp prongs on right.
- 13mm long prongs.
- 48mm inside spread.
- Overall length: 130mm, 5.1 inches.



N4830 **Blade Retractor**

- Double-ended.
- S-shaped.
- 9mm and 13mm blades.
- Overall length: 107mm, 4.2 inches.



N4770 **Blair Retractor**

- Sharp, 7mm wide.
- Overall length: 135mm, 5.3 inches.



N4772 **Coleman Retractor**

- Sharp.
- 7mm wide.
- Overall length: 130mm, 5.1 inches.



*Not Available in Canada.

Retractors

Converse Blade Retractor

- Overall length: 95mm, 3.7 inches.

Catalog #	Size	Blade
N4841*	1	9mm x 18mm
N4843	3	12mm x 38mm



N4882 Converse Nasal Retractor

- 11mm x 44mm blade.
- Overall length: 112mm, 4.4 inches.



N4825 Cottle Alar Retractor

- Tapers from 16mm to 13mm.
- Overall length: 147mm, 5.8 inches.



N4285 Cottle Knife Guide and Retractor

- Double-ended.
- 3.5mm knife guide.
- 10mm retractor end.
- Overall length: 191mm, 7.5 inches.



N5152 Friedman Rake Retractor

- Sharp.
- 4mm wide.
- Overall length: 158mm, 6.2 inches.



*Not Available in Canada.

N4750 **Fomon Retractor**

- 13mm wide.
- Overall length: 158mm, 6.2 inches.



N6220 **Goodyear Uvula Retractor**

- 15mm wide.
- Overall length: 189mm, 7.4 inches.



N1268 **House Hand Retractor**

- Double-ended.
- 5mm x 16mm and 9mm x 25mm ends.
- Overall length: 153mm, 6.0 inches.

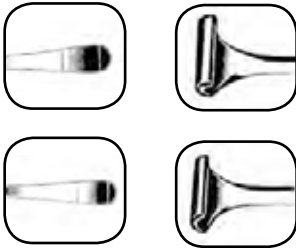


Hurd Dissector and Pillar Retractor

- Double-ended.
- Standard pattern.
- Overall length: 224mm, 8.8 inches.



Catalog #	Size	Dissector	Retractor
N6752*	Large	8mm x 18mm	13mm
N6750*	Small	7mm x 22mm	11mm



Retractors

*Not Available in Canada.

Retractors

N5176 Kasdan Retractor

- Double-ended.
- 5mm x 9mm blades.
- Overall length: 150mm, 5.9 inches.



N6225 Lothrop Uvula Retractor

- 17mm x 20mm blade.
- Ring loop handle.
- Overall length: 172mm, 6.8 inches.



N4880 Maliniac Nasal Retractor

- 9mm x 45mm blade.
- Overall length: 102mm, 4.0 inches.



N1705 71 Middle Fossa Dura Retractor

- Precision instrument for gentle, controlled retraction required in ear surgery.
- Overall length: 203mm, 8.0 inches.



N6760* Morrison-Hurd Dissector and Pillar Retractor

- Double-ended.
- 7mm x 22mm dissector with serrated edges.
- 10mm retractor.
- Serrated handle with offset shafts.
- Overall length: 224mm, 8.8 inches.



*Not Available in Canada.

N1685 S22 **Paparella-Weitlaner Retractor**

- Self-retaining.
- 2 x 2 semi-sharp prongs.
- 13mm long prongs.
- 33mm inside spread.
- Overall length: 130mm, 5.1 inches.



N4835* **Parkes Nasal Retractor**

- 8mm wide blade.
- Overall length: 150mm, 5.9 inches.



N1685 P60L **Perkins Retractor-Left**

- Self-retaining.
- 3 blunt prongs on right.
- 11mm x 25mm solid blade with spikes on left.
- 7mm long prongs.
- 80mm inside spread.
- Overall length: 130mm, 5.1 inches.



N1685 P60R **Perkins Retractor-Right**

- Self-retaining.
- 3 blunt prongs on right.
- 11mm x 25mm solid blade with spikes on right.
- 7mm long prongs.
- 80mm inside spread.
- Overall length: 130mm, 5.1 inches.



*Not Available in Canada.

Retractors

N4784

Ragnell Retractor

- Double-ended.
- 3mm x 9mm and 5mm x 17mm blades.
- Overall length: 149mm, 5.9 inches.



X0302*

Schuknecht-Wetlaner Retractor

- Self-retaining.
- 3 x 3 sharp prongs.
- 14mm long prongs.
- 55mm inside spread.
- Overall length: 130mm, 5.1 inches.



Sewall Orbital Retractor

Catalog #	Blade	Overall Length
N3321	7mm x 52mm	170mm, 6.7 inches
N3322	9mm x 44mm	160mm, 6.3 inches
N3323	11mm x 56mm	160mm, 6.3 inches
N3324	13mm x 70mm	170mm, 6.7 inches



*Not Available in Canada.

Senn Retractor

- Double-ended.
- 8mm wide prong end.
- 7mm x 20mm blade.
- Overall length: 160mm, 6.3 inches.

Catalog #	Blade
N3553	Blunt
N4780	Sharp



E4500 Stevenson Lacrimal Sac Retractor

- Curved 3mm teeth.
- Blade spread: 20mm.
- Dull finish.
- Overall length: 85mm, 3.3 inches.



X0298 Weitlaner “Baby” Retractor

- Self-retaining.
- 3 x 3 blunt prongs.
- 12mm long prongs.
- 35mm inside spread.
- Overall length: 105mm, 4.1 inches.



*Not Available in Canada.

Retractors

N1820 Weitlaner Mastoid Retractor

- Self-retaining.
- 3 x 4 blunt prongs.
- 14mm long prongs.
- 45mm inside spread.
- Overall length: 140mm, 5.5 inches.



N1822 Weitlaner Mastoid Retractor

- Self-retaining.
- 3 x 4 blunt prongs.
- 14mm long prongs.
- 80mm inside spread.
- Overall length: 162mm, 6.4 inches.



X0300 Wullstein-Weitlaner Retractor

- Self-retaining.
- 3 x 3 blunt prongs.
- 14mm long prongs.
- 35mm inside spread.
- Overall length: 130mm, 5.1 inches.



RONGEURS

Rongeurs 176

Rongeurs

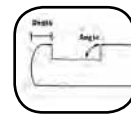
E4590 Belz Lacrimal Sac Rongeur

- Rounded 17mm long jaws.
- 2mm wide at tip.
- 3mm wide at midline.
- Dull finish.
- Overall length: 180mm, 7.0 inches.



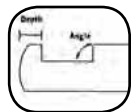
N1940 Citelli Rongeur

- No. 1, delicate head.
- 2mm x 6mm serrated bite.
- Depth of footplate 3mm.
- Angled 90°.
- Length of shaft 60mm.
- Overall length: 142mm, 5.6 inches.



Kerrison Rongeur

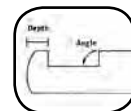
- Angled 90°.
- Length of shaft: 100mm.



Catalog #	Size	Bite	Depth of Footplate	Overall Length
N1950	0	3.5x3mm	3mm	209mm, 8.2 inches
N1951	1	4x3mm	4mm	209mm, 8.2 inches
N1952	2	4.5x3.5mm	4mm	150mm, 5.9 inches

N3106 Kerrison-Costen Rongeur

- 4mm x 3mm bite.
- Depth of footplate 3mm.
- Angled 90°.
- Curved 85mm shaft.
- Overall length: 154mm, 5.9 inches.



*Not Available in Canada.

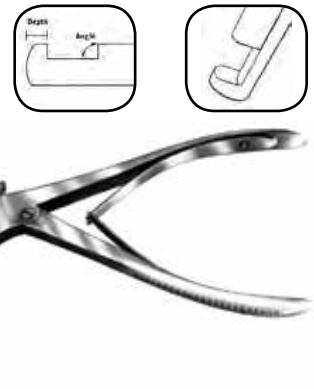
N1451 **Lempert Rongeur**

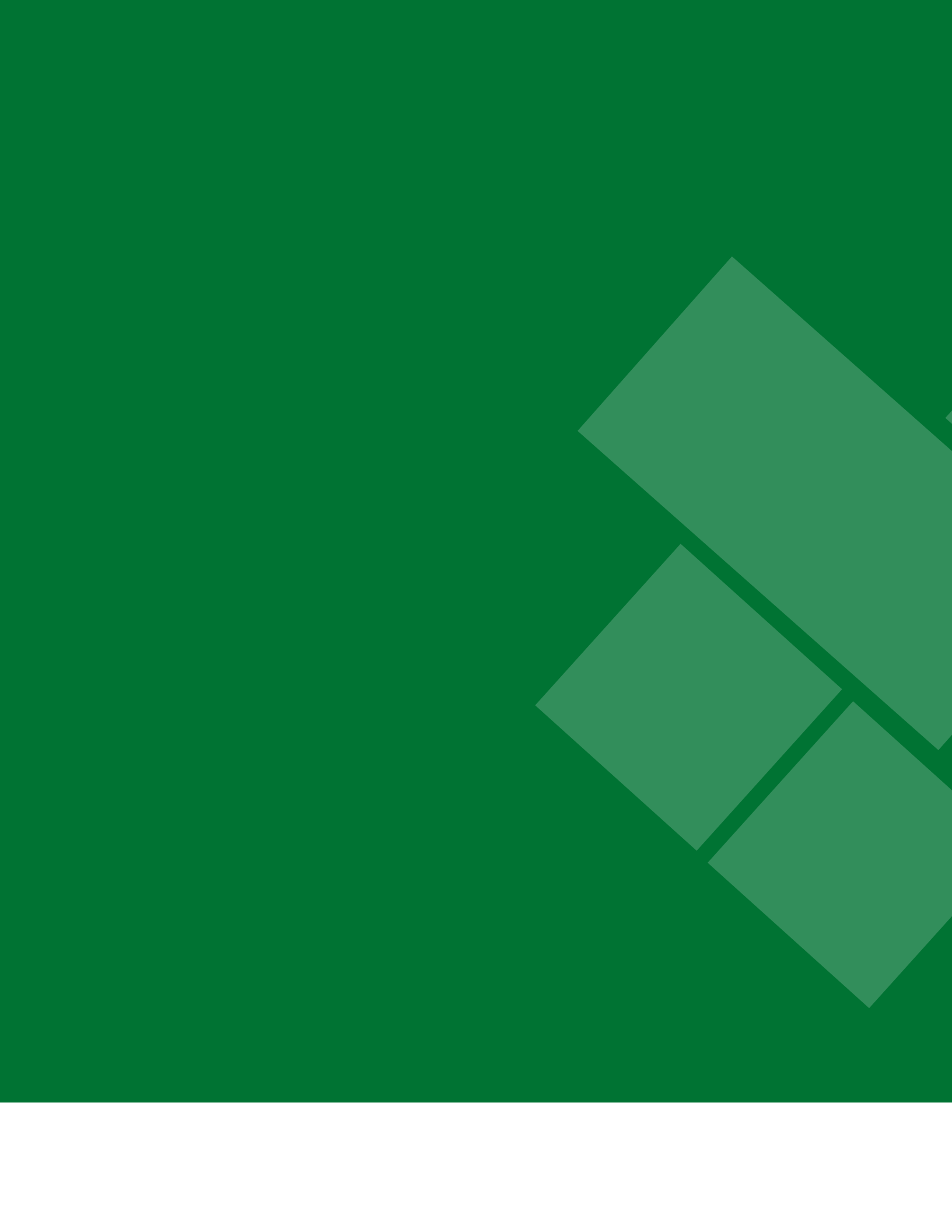
- Straight handle.
- Straight jaws.
- 2mm x 10mm cup.
- Overall length: 166mm, 6.5 inches.



N3380* **Morgenstein-Kerrison Rongeur**

- 3.5mm x 3mm bite.
- Depth of footplate 2mm.
- Angled 90°.
- Length of shaft 110mm.
- Overall length: 161mm, 6.3 inches.





SCISSORS

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Scissors

BANDAGE

Lister Bandage Scissors

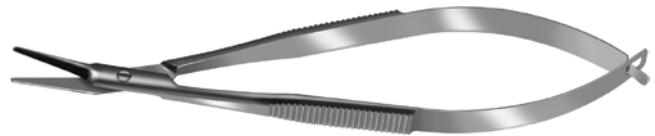
Catalog #	Mid-Screw to Tip	Overall length
N5254	50mm	119mm, 4.7 inches
N5255	59mm	145mm, 5.7 inches
N5257	67mm	181mm, 7.1 inches



CORNEAL

Aebli Corneal Section Scissors

- Angled blades with blunt tips.
- 18mm from mid-screw to tip.
- Flat serrated handle with polished finish.
- Overall length: 117mm, 4.6 inches.



Catalog #	Jaws
E3290	Left



E3289	Right
-------	-------



E3490 Aebli Straight Corneal Scissors

- Universal standard pattern.
- Straight blades with blunt tips.
- 19mm from mid-screw to tip.
- Ring handle.
- Polished finish on blades.
- Overall length: 92mm, 3.6 inches.



*Not Available in Canada.

Castroviejo Curved Corneal Scissors

- Miniature model with blunt tips.
- 12mm from mid-screw to tip.
- Flat serrated handle with polished finish.
- Overall length: 107mm, 4.2 inches.

Catalog #

E3218 L

Jaws

Left



E3218 R

Right



E3580 Littler Curved Dissecting Scissors

- Light curved, blunt tips, rounded blades.
- Eye in blades used in place of an eye probe for drawing sutures or muscle through a tunnel dissection.
- 26mm from mid screw to tip.
- Ring handle.
- Polished finish.
- Overall length: 118mm, 4.7 inches.



N1420* Lahey Scissors

- Curved, blunt tips.
- 41mm mid screw to tip.
- Overall length: 145mm, 5.7 inches.



DISSECTING

Brown Dissecting Scissors

Catalog #

N5075

Jaws

Straight

Mid-Screw to TipOverall length

49mm 140mm, 5.5 inches

N5076*

Curved

48mm 140mm, 5.5 inches

N5078*

Curved, narrow blades

53mm 149mm, 5.9 inches



Corneal | Dissecting

*Not Available in Canada.

Scissors

P1418 **Greenberg Scissors**

- Serrated.
- Tungsten-carbide inserts.
- 32mm mid-screw to tip.
- Overall length: 115mm, 4.5 inches.



P5066 **Kaye Dissecting Scissors**

- Curved.
- Tungsten-carbide inserts.
- Serrated.
- 31mm mid screw to tip.
- Overall length: 115mm, 4.5 inches



N5066 I **Kaye Fine Dissecting Scissors**

- Serrated blades
- 28mm, mid-screw to tip
- Ring handle.
- Overall length: 110mm, 4.3 inches



ENUCLEATION

Enucleation Scissors

- Heavy rounded blades.
- Blunt tips.



Catalog #	Jaws	Mid-Screw to Tip	Overall length
E3651	Medium curve	44mm	135mm, 5.3 inches
E3652	Strong curve	40mm	130mm, 5.1 inches

*Not Available in Canada.

IRIS

Iris Scissors Sharp

- Sharp pointed tips.
- 21mm from mid-screw to tip.
- Flat serrated handle with polished finish.
- Overall length: 121mm, 4.8 inches.

Catalog #

E3344

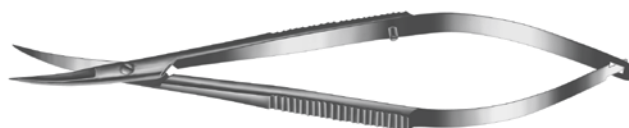
Jaws

Curved



E3343

Straight



STORZ® Iris Scissors

- Pointed tips.
- Ring handle.
- Polished finish on blades.

Catalog #

E3396 I

Straight

Mid-Screw
to Tip

20mm

Overall length

99mm, 3.9 inches

E3400 I

Straight

25mm

108mm, 4.3 inches

E3404

Straight

28mm

100mm, 3.9 inches



E3397 I

Curved

19mm

99mm, 3.9 inches

E3402 I

Curved

24mm

108mm, 4.2 inches

E3405

Curved

28mm

99mm, 3.9 inches



E3408

Light

27mm

99mm, 3.9 inches

E3406

Light

26mm

96mm, 3.8 inches



Iris

*Not Available in Canada.

Scissors

N3408 SC SURE CUT® Iris Scissors Curved

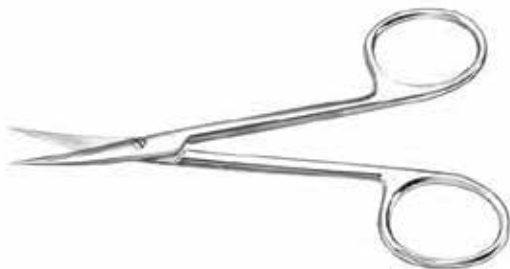
- SURE CUT® scissors feature a razor sharp blade.
- This type of scissor provides one of the finest tissue dissection scissors available.
- The scissor provides smooth precise cutting performance all the way to the tip of the scissor.
- Overall length: 99mm, 3.9 inches.



Tungsten-Carbide Iris Scissors

- Tungsten-carbide inserts.
- Overall length: 114mm, 4.5 inches.

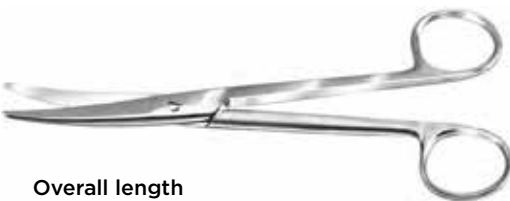
Catalog #	Jaws	Mid-Screw to Tip
P0705	Curved	29mm
P0706	Straight	30mm



MAYO

Mayo Scissors

Catalog #	Jaws	Mid-Screw to Tip	Overall length
N5236	Curved	47mm	171mm, 6.7 inches
N5231	Curved	52mm	153mm, 6.0 inches
N5230	Straight	52mm	153mm, 6.0 inches
N5235	Straight	58mm	171mm, 6.7 inches
P0810	Straight Tungsten-carbide inserts	47mm	149mm, 5.9 inches

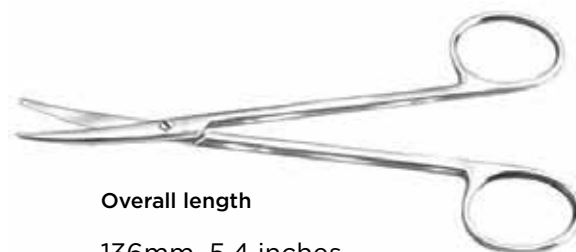


*Not Available in Canada.

METZENBAUM

Metzenbaum Scissors

Catalog #	Jaws	Mid-Screw to Tip	Overall length
N5104	Curved, delicate	35mm	136mm, 5.4 inches
P0711	Curved, delicate Tungsten-carbide inserts	42mm	145mm, 5.7 inches
N5111	Curved, regular	41mm	143mm, 5.6 inches
P0750*	Curved, regular Tungsten-carbide inserts	42mm	179mm, 7.0 inches
P0721*	Straight, delicate Tungsten-carbide inserts	42mm	145mm, 5.7 inches



N5104 SC **Sure Cut® Metzenbaum Scissors**

- Curved.
- Overall length: 137mm, 5.4 inches.



MISCELLANEOUS

N1430 **Malleus Nipper**

- 6mm serrated.
- Overall length: 107mm, 4.2 inches.



*Not Available in Canada.

Scissors

E3316

Westcott Conjunctival Scissors

- Lightly curved blunt tips.
- 16mm from mid-screw to tip.
- Wide serrated handle with polished finish.
- Overall length: 132mm, 5.2 inches.



NASAL

N3090

Becker Septum Scissors

- Serrated.
- Double action.
- 38mm mid-screw to tip.
- Overall length: 180mm, 7.1 inches



N5079

Cinelli Lower Lateral Scissors

- Strong curve.
- 20mm mid-screw to tip.
- Overall length: 110mm, 4.3 inches



N5060

Cottle Dorsal Scissors

- Heavy.
- Angled handles.
- 52mm mid-screw to tip.
- Overall length: 160mm, 6.3 inches



*Not Available in Canada.

N5050* **Dorsal Scissors**

- Straight, blunt.
- 36mm mid-screw to tip.
- Overall length: 120mm, 4.7 inches.



N5058 **Foman Dorsal Scissors**

- Straight.
- Angled handles.
- 41mm mid-screw to tip.
- Overall length: 134mm, 5.3 inches



N5080 **Foman Lower Lateral Scissors**

- Strong curve.
- 29mm mid-screw to tip.
- Overall length: 127mm, 5.0 inches



N5030 **Foman Nasal Scissors**

- Curved.
- Semi-sharp outer edges.
- Blunt dissecting tips.
- 40mm mid screw to tip.
- Overall length: 128mm, 5.0 inches



*Not Available in Canada.

Scissors

N5056 **Goldman Dorsal or Septum Cartilage Scissors**

- Straight serrated blades.
- Angled handles.
- 47mm mid-screw to tip.
- Overall length: 147mm, 5.8 inches



N5032 **Goldman Nasal Scissors**

- Curved.
- Semi-sharp outer edges.
- 40mm mid-screw to tip.
- Overall length: 146mm, 5.7 inches



N5296 **Gorney Turbinate Scissors**

- Double action, 33mm serrated blades.
- Curved handles with finger grips.
- 43mm mid-screw to tip.
- Overall length: 205mm, 8.1 inches.



N2806 **House Inferior Turbinate Submucous Resection Scissors**

- Lightweight.
- 30mm mid-screw to tip.
- Overall length: 160mm, 6.3 inches



*Not Available in Canada.

Joseph Scissors

- Straight.

Catalog #	Mid-Screw to Tip	Overall length
N5010	37mm	141mm, 5.6 inches
N5012	40mm	143mm, 5.6 inches



Joseph Double Edge Scissors

- Overall length: 143mm, 5.6 inches

Catalog #	Jaw	Mid-Screw to Tip
N5016	Curved	39mm
N5014	Straight	40mm



N2884 Knight Nasal Scissors

- Light model.
- Delicate.
- 50mm mid-screw to tip.
- Overall length: 170mm, 6.7 inches



N2886 Knight Nasal Scissors Medium

- Standard model.
- Medium weight.
- No serrations.
- 48mm mid-screw to tip.
- Overall length: 170mm, 6.7 inches.



Nasal

*Not Available in Canada.

Scissors

N6950 Lakeside Nasal Scissors

- Heavy, Angled shaft.
- 50mm mid-screw to tip.
- Overall length: 185mm, 7.3 inches.



N5090 Lower Lateral Scissors

- Strong curve.
- 30mm mid-screw to tip.
- Overall length: 171mm, 6.7 inches



Nasal Sinus Scissors

- 11mm blades.
- Length of shaft 115mm.
- Overall length: 180mm, 7.1 inches

Catalog #

Jaw

N2994 2

Left



N2994 3

Right



N2994 1

Straight



N5035 Ragnell Nasal Scissors

- Curved, flattened dissecting tips.
- 30mm mid-screw to tip.
- Overall length: 135mm, 5.3 inches



*Not Available in Canada.

N1699 06 **Shea Vein Graft Scissors**

- Snub nose.
- 21mm mid-screw to tip.
- Overall length: 120mm, 4.7 inches.



OPERATING

N5201 **Operating Scissors**

- Straight.
- One blade sharp, one blade blunt.
- 53mm mid-screw to tip.
- Overall length: 147mm, 5.8 inches.



Scissors

OTOLOGIC

Alligator Scissors



Catalog #	Jaw	Blades	Length of Shaft	Overall length
N1705 QCL	Bellucci, Curved	Left, 7mm	75mm	136mm, 5.4 inches
N1705 QCR	Bellucci, Curved	Right, 7mm	75mm	136mm, 5.4 inches
N1705 QS	Bellucci, Straight	7mm	77mm	137mm, 5.4 inches
N1705 QHL	House-Bellucci, Curved	Left, 5mm	74mm	135mm, 5.3 inches
N1705 QHR	House-Bellucci, Curved	Right, 5mm	74mm	135mm, 5.3 inches
N1705 QH	House-Bellucci, Straight	5mm	74mm	135mm, 5.3 inches
N1705 QN	Shea-Bellucci, Straight	Extra narrow, 8mm	73mm	137mm, 5.4 inches



N1714 Jacobson Spring Handle Scissors

- Straight.
- Pointed.
- 38mm mid-screw to tip.
- Overall length: 120mm, 4.7 inches.



*Not Available in Canada.

PLASTIC SURGERY UTILITY

N5100 Brophy Gum and Suture Scissors

- Curved.
- Sharp point.
- 36mm mid-screw to tip.
- Overall length: 139mm, 5.5 inches



N5025* Converse Double Edge Scissors

- Straight.
- 47mm mid-screw to tip.
- Overall length: 135mm, 5.3 inches.



N6905 Gorney Plastic Surgery Scissors

- Light curve.
- Narrow blades.
- 48mm mid-screw to tip.
- Overall length: 190mm, 7.5 inches.



Plastic Scissors

- Pointed.
- 38mm mid-screw to tip.
- Overall length: 120mm, 4.7 inches

Catalog #	Jaw
N1412	Curved
N1410	Straight



Plastic Surgery Utility

*Not Available in Canada.

Scissors

P0930 Plastic Scissors

- Curved.
- Blunt tips.
- Tungsten-carbide inserts.
- 30mm mid-screw to tip.
- Overall length: 114mm, 4.5 inches.



N1412 SC* SURE CUT® Plastic Scissors Curved

- SURE CUT® scissors feature a razor sharp blade.
- This type of scissor provides one of the finest tissue dissection scissors available.
- The scissor provides smooth precise cutting performance all the way to the tip of the scissor.
- Overall length: 119.4mm, 4.7 inches.



RHYTIDECTOMY

Kaye Face Lift Scissors

- Curved.
- Semi-sharp outer edges.
- Serrated.
- 50mm mid-screw to tip.

Catalog #	Overall length
N5226*	148mm, 5.8 inches
N5228	190mm, 7.5 inches



*Not Available in Canada.

STITCH

E3321 MWH **Castroviejo Mini Keratoplasty Utility Stitch Scissors**

- Very small pointed tips.
- 14mm from mid-screw to tip.
- Wide serrated handle with polished finish.
- Overall length: 129mm, 5.0 inches.



N5008 **Edelstein Stitch Removal Scissors**

- Small hook at end of one blade.
- 26mm mid-screw to tip.
- Overall length: 110mm, 4.3 inches



E3595 I **Reeh Stitch Scissors**

- Rounded tips, with a very small hook at the end of one blade.
- 20mm from mid-screw to tip.
- Ring handle.
- Pointed finish.
- Overall length: 100mm, 4.0 inches.



N5005 **Stitch Removal Scissors**

- 18mm mid-screw to tip.
- Overall length: 124mm, 4.9 inches



E3340 **Stitch Scissors Fine Straight**

- Sharp pointed tips.
- 17mm from mid-screw to tip.
- Flat serrated handle with polished finish.
- Overall length: 111mm, 4.4 inches.



*Not Available in Canada.

Scissors

E3340 WH **Stitch Scissors Fine Straight Wide Handle**

- Sharp pointed tips.
- 16mm from mid-screw to tip.
- Wide serrated handle with polished finish.
- Overall length: 131mm, 5.1 inches.



E3590 I **Stitch Scissors Curved**

- Sharp pointed tips.
- 20mm from mid-screw to tip.
- Ring handle. Polished finish.
- Overall length: 100mm, 4.0 inches.



E3592 I **STORZ® Stitch Scissors Original**

- Sharp pointed tips.
- 23mm from mid-screw to tip.
- Ring handle. Polished finish.
- Overall length: 103mm, 4.1 inches.



Westcott Type **Stitch Scissors**

- Sharp pointed tips.
- Polished finish.



Catalog #

E3321

E3321 WH

Handle

Flat serrated

Wide serrated

Mid-Screw
to tip

22mm

23mm

Overall Length

121mm, 4.8 inches

140mm, 5.5 inches

Stitch

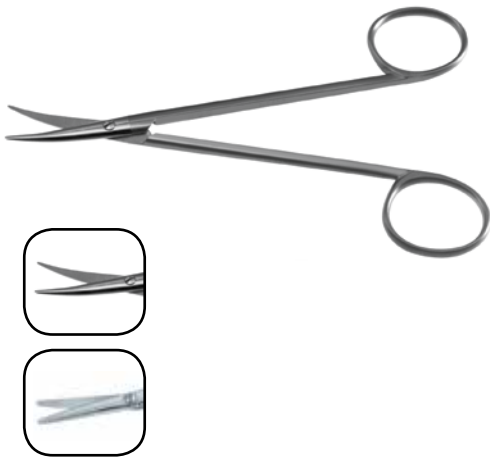
*Not Available in Canada.

STRABISMUS

Knapp Strabismus Scissors

- Rounded blades with blunt tips.
- Ring handle.
- Polished finish on blades.

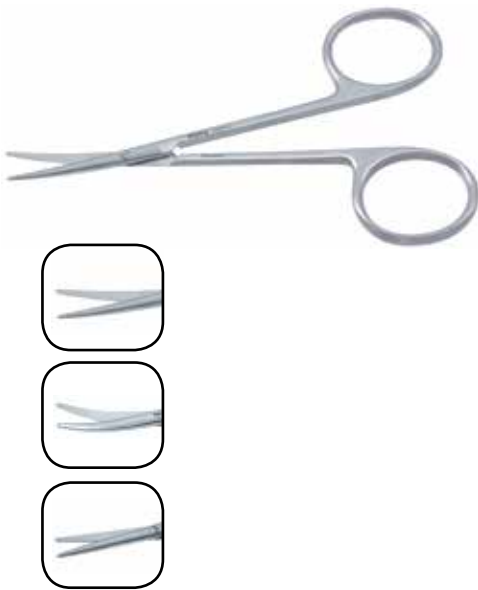
Catalog #	Jaws	Mid-Screw to Tip	Overall Length
E3577	Curved, light	26mm	119mm, 4.7 inches
E3576	Straight	26mm	119mm, 4.7 inches



Strabismus Scissors

- Rounded blades with blunt tips.
- Ring handle.
- Polished finish on blades.

Catalog #	Jaws	Mid-Screw to Tip	Overall Length
E3571 I	Curved	29mm	113mm, 4.7 inches
E3572 I	Curved, strong	29mm	112mm, 4.4 inches
E3570 I	Straight	30mm	114mm, 4.5 inches



Strabismus

*Not Available in Canada.

TENOTOMY

Stevens Tenotomy Scissors

- Blunt tips.
- Ring handle.
- Polished finish on blades.



Catalog #	Blades	Model	Mid-Screw to Tip	Overall Length
E3556 I	Curved	Light	20mm	100mm, 3.9 inches
E3562	Curved	Standard	31mm	114mm, 4.5 inches
E3552 I	Curved	Heavy	21mm	101mm, 4.0 inches
E3554 I	Straight	Light	21mm	101mm, 4.0 inches
E3560	Straight	Standard	30mm	114mm, 4.5 inches
E3550 I	Straight	Heavy	21mm	101mm, 4.0 inches



Stevens Tenotomy Scissors

Catalog #	Jaws	Mid-Screw to Tip	Overall Length
N5143	Curved	33mm	143mm, 5.6 inches
N5159	Curved	36mm	159mm,, 6.3 inches
N5142	Straight	34mm	143mm, 5.6 inches



N3562 SC SURE CUT® Stevens Tenotomy Scissors Curved

- SURE CUT® scissors feature a razor sharp blade.
- This type of scissor provides one of the finest tissue dissection scissors available.
- The scissor provides smooth precise cutting performance all the way to the tip of the scissor.
- Overall length: 112mm, 4.4 inches.



*Not Available in Canada.

Westcott Tenotomy Scissors Curved

- Rounded Westcott blades with blunt tips.
- Flat serrated handle with polished finish.



Catalog #	Orientation	Mid-Screw to Tip	Overall Length
E3320 L	Left	23mm	123mm, 4.8 inches
E3320 R	Right	22mm	121mm, 4.8 inches



E3320 RWH Westcott Tenotomy Scissors Curved Right Wide Handle

- Right model.
- Rounded Westcott blades with blunt tips.
- 23mm from mid-screw to tip.
- Wide serrated handle with polished finish.
- Overall length: 141mm, 5.6 inches.



TONSIL

N6930 Metzenbaum Tonsil Scissors

- Curved, light model.
- 38mm mid-screw to tip.
- Overall length: 178 mm, 7.0 inches.



Tenotomy | Tonsil

*Not Available in Canada.

Scissors

UTILITY

Eye Scissors

- Ring handle
- Polished finish on blades.

Catalog #	Blades	Tips	Mid-Screw to Tip	Overall Length
E3418 I	Curved	Blunt	30mm	114mm, 4.5 inches
E3412 I	Curved	Pointed	30mm	113mm, 4.5 inches
E3426	Curved	Sharp	30mm	108mm, 4.3 inches
E3416 I	Straight	Blunt	30mm	114mm, 4.5 inches
E3410 I	Straight	Pointed	30mm	114mm, 4.5 inches
E3424	Straight	Sharp	32mm	108mm, 4.3 inches



E3436 Eye Scissors Angled

- Blunt probe points and angled shafts.
- 26mm from mid-screw to tip.
- Ring handle.
- Polished finish on blades.
- Overall length: 118mm, 4.7 inches.



Utility Scissors

- Blunt tips.
- Ring handle.
- Polished finish on blades.

Catalog #	Blades	Mid-Screw to Tip	Overall Length
E3585 I	Curved	24mm	105mm, 4.1 inches
E3584 I	Straight	26mm	106mm, 4.2 inches



E3450 Wilmer Angled Conjunctival and Utility Scissors

- Sharp pointed tips with serrated blades.
- 18mm from mid-screw to tip.
- Ring handle.
- Polished finish on blades.
- Overall length: 92mm, 3.6 inches.



*Not Available in Canada.

VANNAS

E3388 Vannas Capsulotomy Scissors Angled

- 6mm blades with sharp pointed tips.
- 9mm from mid-screw to tip.
- Serrated handle.
- Polished finish.
- Overall length: 84mm, 3.3 inches.



E3389 Vannas Capsulotomy Scissors Angled

- 8mm blades with sharp pointed tips.
- 9mm from mid-screw to tip.
- Serrated handle.
- Polished finish.
- Overall length: 85 mm, 3.3 inches.



E3387 Vannas Capsulotomy Scissors Curved

- 6mm blades with sharp pointed tips.
- 8mm from mid-screw to tip.
- Serrated handle.
- Polished finish.
- Overall length: 84mm, 3.3 inches.

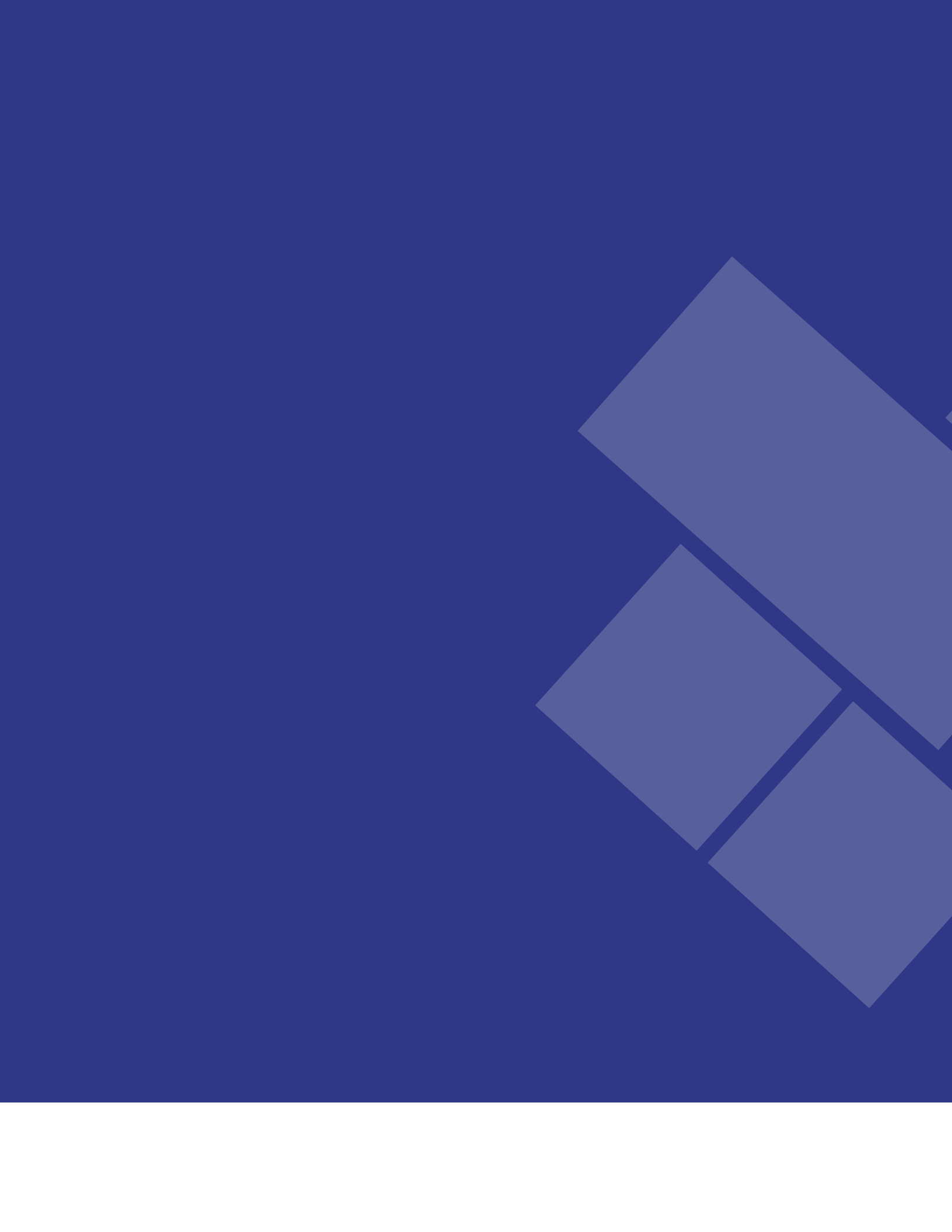


E3386 Vannas Capsulotomy Scissors Straight

- 6mm blades with sharp pointed tips.
- 8mm from mid-screw to tip.
- Serrated handle.
- Polished finish.
- Overall length: 84mm, 3.3 inches.



*Not Available in Canada.



SNARES

Snare	204
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Snares

N2384 Bruening Nasal Snare

- Bayonet shape for unobscured vision.
- Cannula is fixed.
- Straight stroke eliminates buckling of stylet.
- Includes one package (12 each) N2398 5 Nasal Snare Wires.
- Overall length: 252mm, 9.9 inches



N2380 B Krause Nasal Stylet Only

- For N2380 Krause Nasal Snares.
- Overall length: 161mm, 6.3 inches.



Nasal Snare Wire

- Cut and bent to proper length.
- Package of 12 each.
- Overall length: 94mm, 3.7 inches.



Catalog #	Size
N2398 3	3
N2398 4	4
N2398 5	5

Neivert-Eve Tonsil Wire

- Special short bend specifically for N6370 Neivert-Eve Tonsil Snare.
- Package of 12 each.
- Overall length: 115mm, 4.5 inches.



Catalog #	Size
N6372 7	#7
N6372 8	#8

*Not Available in Canada.

Sage Cut Wire

- Extra-long for N6300 Sage Snare.
- Double bent ends.
- Package of 12 each.
- Overall length: 135mm, 5.3 inches.

Catalog #	Size
N6305 7*	7
N6305 8	8
N6305 9	9

N6300 Sage Tonsil Snare

- Only cut wires with double bent ends N6305 should be used with this snare.
- Includes one package (12 each) N6305 8 snare wires.
- Overall length: 283mm, 11.1 inches.



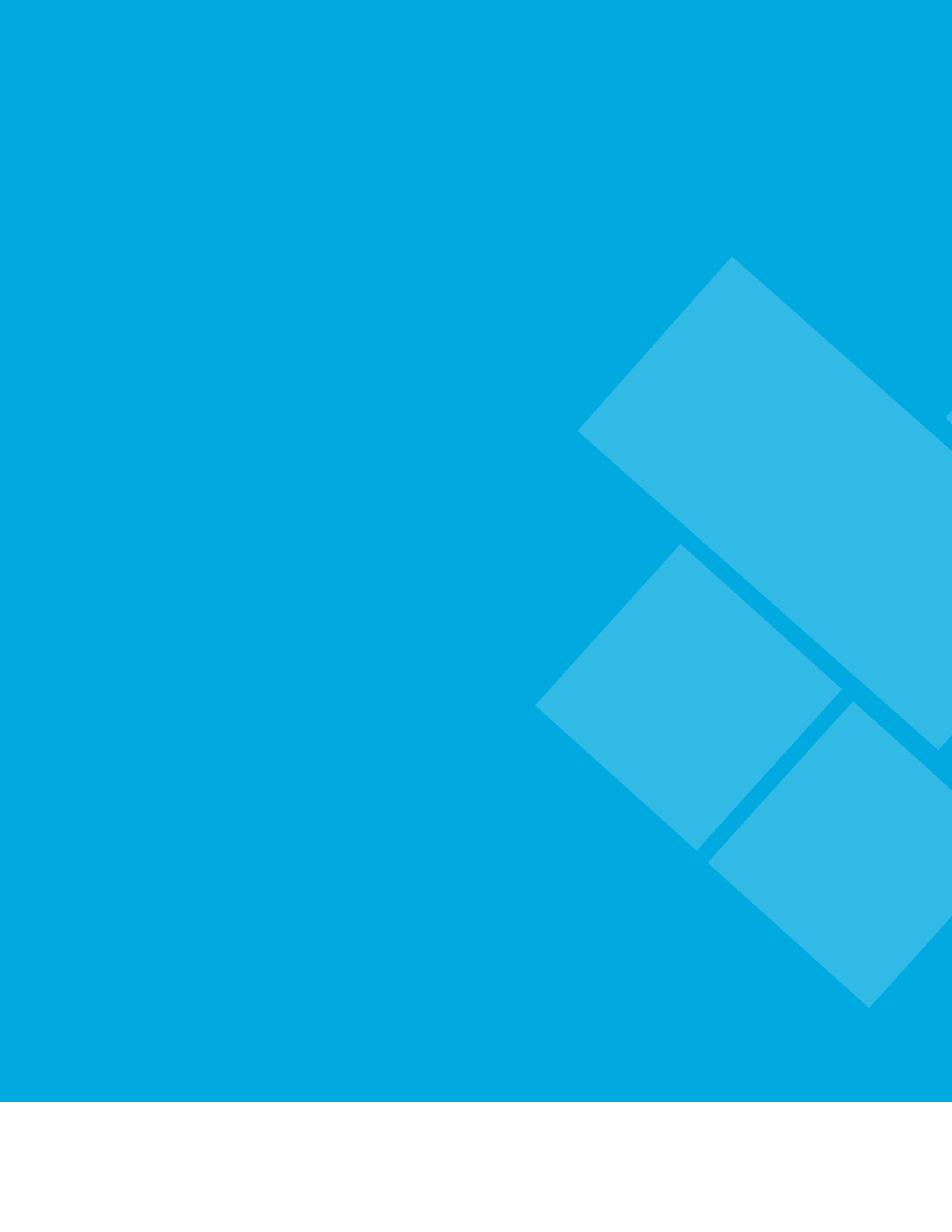
Tonsil Wire Snare

- Cut with special bent ends.
- Package of 12 each.
- Overall length: 113mm, 4.0 inches.

Catalog #	Size
N6394 7	7
N6394 8	8
N6394 9	9



*Not Available in Canada.



SPECULA

Diagnostic Sets 208

Ear 208

Nasal 213

DIAGNOSTIC SET

Bruening Diagnostic Head

- Head only.
- 22mm diameter.
- Overall length: 28mm, 1.1 inches.



Catalog #	Lens
N0314*	Magnifying lens
N0316*	Non-magnifying glass cover

N0320* Work-Bruening Diagnostic Head

- Head Only.
- Basically an operating head, but cutout is shaped for closure by thumb so it can be used as pneumatic diagnostic head as well.
- 22mm diameter.
- Overall length: 28mm, 1.1 inches.



N0312 S Rubber Bulb

- Small.
- Length of tubing 160mm, 6.4 inches.
- Overall length: 213mm, 8.5 inches.



EAR

Boucheron Speculum Small

- Round.
- Nickel plated brass.
- Sanitized.
- Overall length: 35mm, 1.2 inches.

Catalog #	Size
N0211 1	#1, 3mm
N0211 2	#2, 4mm
N0211 3	#3, 4.5mm
N0211 4	#4, 5mm



*Not Available in Canada.

Boucheron Speculum Large

- Round
- Large.
- Overall length: 35mm, 1.4 inches.

Catalog #	Size
N0221 4	#4, 5.5mm
N0221 5	#5, 6.6mm
N0221 6	#6, 8mm



Farrior Speculum Original Model

- Regular end
- Each speculum is numbered inside and outside on opposite sides for rapid identification.
- Overall length: 40mm, 1.6 inches.

Catalog #	Style	Size
N0227 1	Oval	#1, 4.5x6mm
N0227 2	Oval	#2, 5.5x7mm
N0226 1	Round	#1, 5mm
N0226 2	Round	#2, 6mm
N0226 3	Round	#3, 7mm
N0226 4	Round	#4, 5mm
N0226 5	Round	#5, 9mm



Farrior Speculum Original Model Oblique

- Oblique end.
- Overall length: 40mm, 1.6 inches.

Catalog #	Style	Size
N0229 1	Oval	#1, 5x6mm
N0229 2	Oval	#2, 6x7mm
N0229 3	Oval	#3, 7x8mm
N0229 4	Oval	#4, 8x10mm
N0228 1	Round	#1, 6mm
N0228 3	Round	#3, 8mm

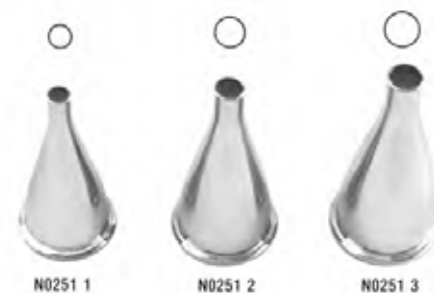


*Not Available in Canada.

Gruber Speculum Round Light Short

- Round.
- Light.

Catalog #	Size	Overall length
N0251 1	#1, 3mm	33mm, 1.3 inches
N0251 2	#2, 4mm	35mm, 1.4 inches
N0251 3	#3, 5mm	37mm, 1.5 inches



Gruber Speculum Oval Light Short

- Oval.
- Light.

Catalog #	Size	Overall length
N0256 1	#1, 3x4mm	33mm, 1.3 inches
N0256 2	#2, 3x5mm	35mm, 1.4 inches
N0256 3	#3, 3x6mm	37mm, 1.5 inches



N0261 2* Gruber Speculum Long

- Round.
- Heavy.
- #2, 6mm
- Overall length: 42mm, 1.7 inches.



Gruber Speculum Oval Heavy Long

- Oval.
- Heavy, brass.
- Overall length: 42mm, 1.7 inches.

Catalog #	Size
N0266 1	#1, 5x6mm
N0266 2	#2, 6x7mm
N0266 3	#3, 7x8mm



*Not Available in Canada.

N0258 Gruber Speculum Oval Light Infant

- Oval.
- Light.
- Infant.
- 3.5mm X 4.5mm.
- Overall working length: 35mm, 1.4 inches.



Hartman Speculum

- Overall length: 35mm, 1.4 inches.

Catalog #	Style	Size
N0246 1	Oval	#1, 4.5x5mm
N0246 2	Oval	#2, 5.5x6mm
N0246 3	Oval	#3, 6.5x7mm
N0241 1	Round	#1, 4mm
N0241 2	Round	#2, 5mm
N0241 3	Round	#3, 6mm
N0241 4	Round	#3, 7mm



Hartman Speculum Infant

- Infant.
- Stainless steel.
- Overall length: 35mm, 1.4 inches.

Catalog #	Style	Size
N0248	Oval	2.5x3.5mm
N0247	Round	2.5mm



Oval Speculum

- Overall length: 34mm, 1.4 inches.

Catalog #	Size	Catalog #	Size
N0311 0OBL	3mm	N0311 2BL	6.5mm
N0311 0BL	3.5mm	N0311 3BL	7.5mm
N0311 1BL	5.5mm	N0311 4BL	9.1mm



*Not Available in Canada.

Specula

Round Speculum

- Dark aluminum.
- Overall length: 35mm, 1.4 inches.

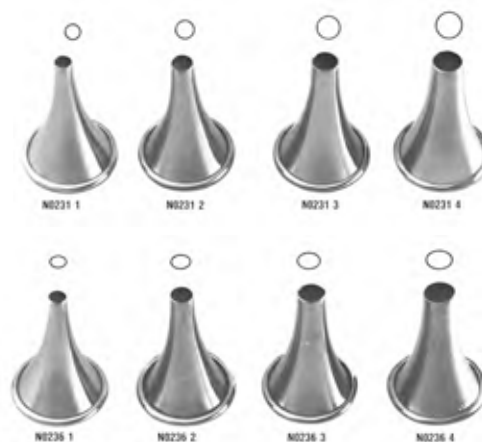
Catalog #	Size	Catalog #	Size
N0310 00BL	2.5mm	N0310 2BL	6mm
N0310 0BL	3mm	N0310 3BL	7mm
N0310 1BL	5mm	N0310 4BL	9mm



Toynbee Speculum

- Overall length: 35mm, 1.4 inches.

Catalog #	Style	Size
N0236 1	Oval	#1, 4.5x5mm
N0236 2	Oval	#2, 5.5x6mm
N0236 3*	Oval	#3, 6.5x7mm
N0236 4*	Oval	#4, 6.5x8mm
N0231 1	Round	#1, 4mm
N0231 2	Round	#2, 5mm
N0231 3	Round	#3, 6mm
N0231 4	Round	#3, 7mm



Toynbee Speculum Infant

- Infant.
- Stainless steel.
- Overall length: 35mm, 1.4 inches.

Catalog #	Style	Size
N0237	Round	2mm
N0238	Oval	2.5x3.5mm



*Not Available in Canada.

NASAL

N2200 Cottle Septum Speculum

- 50mm thin modified blades.
- Overall length: 141mm, 5.6 inches.



N1280 Endaural Speculum

- Small blades.
- 22mm long blades.
- Strongly curved shafts.
- Overall length: 153mm, 6.0 inches.



Killian Septum Speculum

- Standard model

Catalog #	Blades (mm)	Overall length
N2191	50	140mm, 5.5 inches
N2192	64	145mm, 5.7 inches
N2193	76	150mm, 5.9 inches



Nasal Speculum

- Conventional blades.
- Thin well-rounded tips.

Catalog #	Blades	Overall length
N2101	No. 1, 30mm	130mm, 5.1 inches
N2102	No. 2, 33mm	135mm, 5.3 inches
N2108	Infant, 18mm	130mm, 5.1 inches



*Not Available in Canada.

Specula

Nasal Speculum Modified

- Modified blades
- Thin well-rounded blades.

Catalog

N2105

N2106

Blades

No. 1, 28mm

No. 2, 31mm

Overall length

130mm, 5.1 inches

135mm, 5.3 inches



N2810 Proud Inferior Turbinate Speculum

- 75mm blades.
- Overall length: 135mm, 5.3 inches.



Septum Speculum

- Thin well-rounded blades.

Catalog

N2181

N2182

N2183

Blades

50mm

64mm

76mm

Overall length

145mm, 5.7 inches

145mm, 5.7 inches

150mm, 5.9 inches



N2125

- Infant size.
- 18mm blades.
- Overall length: 140mm, 5.5 inches.



Vienna Nasal Speculum

- Overall length: 140mm, 5.5 inches.

Catalog #	Blades
N2111	No. 1, 30mm, Conventional blades
N2112*	No. 2, 31mm, Conventional blades
N2116*	No. 2, 31mm, Modified blades
N2113	No. 3, 33mm, Conventional blades

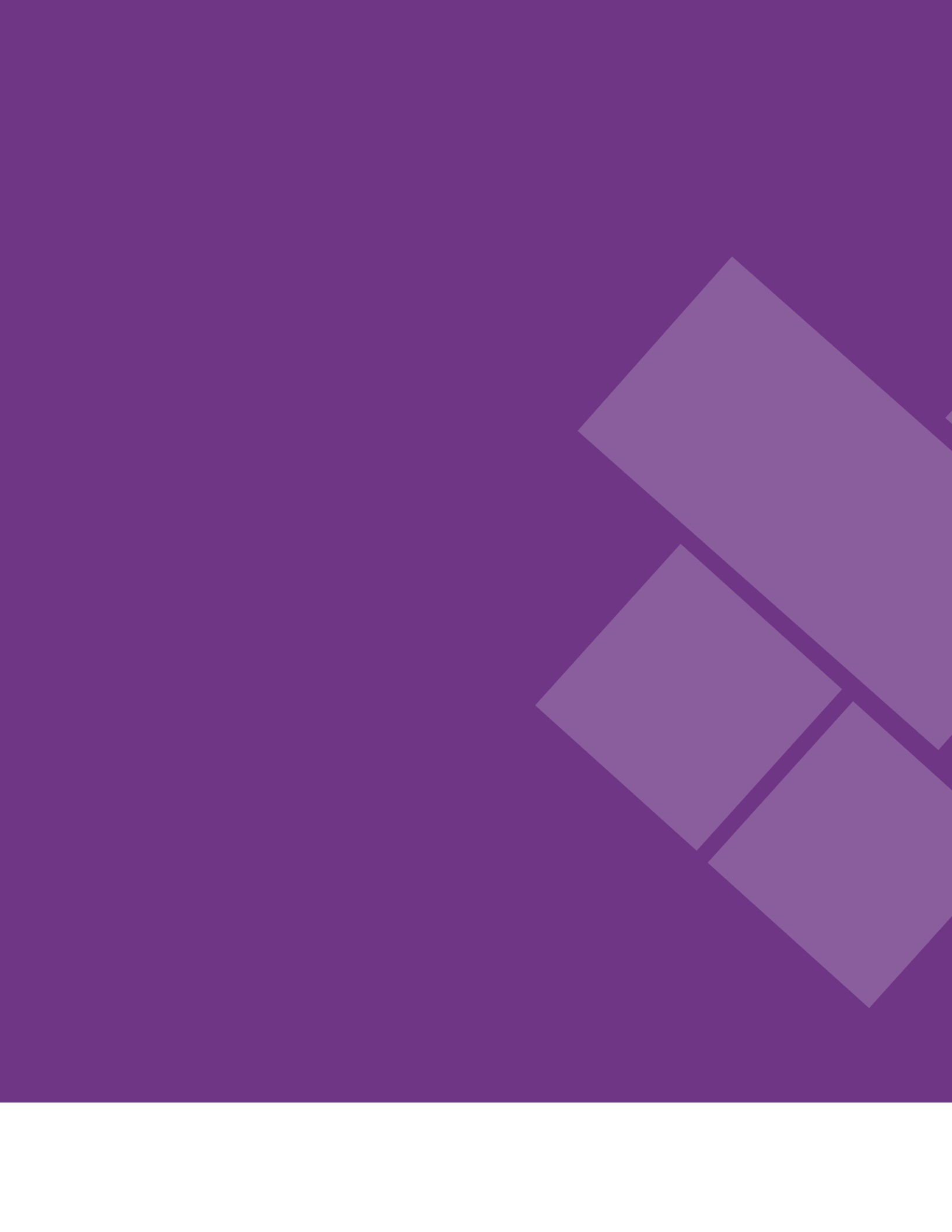


Vienna Original Nasal Speculum

- Overall length: 134mm, 5.3 inches.

Catalog #	Blades
N2121	No. 1, 24mm
N2122	No. 2, 30mm
N2123	No. 3, 32mm
N2124	No. 4, 34mm





STERILIZATION TRAYS

Sterilization Trays..... 218

Sterilization Trays

E7414 Microsurgical Instrument Tray

- Capacity: 50-60 instruments.
- Complete with E7419 H Cannula bar and compartment for sterilization of bipolar cords, I/A accessories, etc.
- Anodized aluminum.
- Durable and lightweight with built-in protection against rust.
- Security locks ensure against accidental opening.
- Silicone matting/V-strips and bumper guards hold instruments in place.
- Sturdy, long wearing, riveted hinges.
- Dimensions: 26.7 x 50.8 x 6.35cm, 10.5 x 20 x 2.5 inches.



N1807* Middle Ear Pick/Hook Tray

- Allows for convenient storage of delicate microsurgical picks and hooks.
- Pops up for convenient handling in surgery.
- Holds 20 ear picks. Holds 20 items.
- Overall dimensions: 10.5 inches x 1.75 inches x 13.5 inches.



PRS4180* Surgical Instrument Tray

- For small to medium surgical instruments.
- Double layer tray allows twice the number of instruments to be sterilized.
- Holds 25 items.
- Overall dimensions: 266mm x 243mm x 44mm, 10.5 inches x 13.5 inches x 1.75 inches.



PRS4185* Surgical Instrument Tray

- For small, medium and large instruments.
- Double layer tray allows twice the number of instruments to be sterilized.
- Overall dimensions: 266mm x 508mm x 63mm, 10.5 inches x 20.0 inches x 2.5 inches.



*Not Available in Canada.

SUCTION TUBES, CANNULAS

Cannulas220

Suction Tubes220

Suction Tubes, Cannulas

CANNULAS

N2485* Killian Antrum Cannula

- No. 2.
- Front opening with bulbous tip.
- 2.75mm diameter.
- Overall length: 130mm, 5.0 inches.



SUCTION TUBES

N2412 Barnes Hospital Suction Tube

- 9 FR.
- With thumb plate and cutoff (bypass).
- 120mm working end.
- Overall length: 170mm, 6.7 inches.



Baron Suction Tube

- With thumb plate and cutoff (bypass hole).
- 75mm working length.
- Overall length: 130mm, 5.1 inches.



Catalog #	Tube Size
N0608	3FR
N0610*	5FR
N0613	7FR

Bellucci Tips Only

- Overall length: 35mm, 1.4 inches.

Catalog #	Gauge
N0630 18	18
N0630 20	20
N0630 22	22
N0630 24	24



*Not Available in Canada.

Suction Tubes, Cannulas

Brackmann Suction Tube

- Offset suction tip holes, with thumb plate and cutoff (bypass hole).
- 75mm working length.
- Overall length: 115mm, 4.5 inches.

Catalog #	Tube Size
N0606 5	5FR
N0606 7A*	7FR



Brackmann Suction Tube

- Offset suction tip holes, with thumb plate and cutoff (bypass hole).
- 105mm working length.
- Note: 9FR can be made as a special order.
- Overall length: 150mm, 6.1 inches.

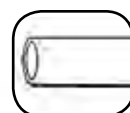
Catalog #	Tube Size
N0607 5	4x5FR
N0607 7A	5x7FR



Farrior Suction-Applicator

- With square hollow tip to serve as applicator.
- 65mm working length.
- Overall length: 105mm, 4.1 inches.

Catalog #	Gauge
N1703 11A*	18
N1703 11B*	20
N1703 11C*	22



Suction Tubes, Cannulas

Ferguson-Frazier Suction Tube

- Angled.
- With flat thumb plate and cutoff (bypass hole).



Catalog #	Tube Size	Working Length (mm)	Overall Length
N1376*	6FR	100	160mm, 6.3 inches
N1362*	6FR	150	210mm, 8.3 inches
N1377*	7FR	100	160mm, 6.3 inches
N1363*	7FR	150	210mm, 8.3 inches
N1378*	8FR	100	160mm, 6.3 inches
N1364*	8FR	150	210mm, 8.3 inches
N1371*	8FR	200	260mm, 10.2 inches
N1379*	9FR	100	160mm, 6.3 inches
N1365*	9FR	150	210mm, 8.3 inches
N1380*	10FR	100	160mm, 6.3 inches
N1366*	10FR	150	210mm, 8.3 inches
N1373*	10FR	200	260mm, 10.2 inches
N1382*	12FR	100	160mm, 6.3 inches
N1367*	12FR	150	210mm, 8.3 inches
N1374*	12FR	200	260mm, 10.2 inches
N1383*	14FR	100	160mm, 6.3 inches
N1368*	14FR	150	210mm, 8.3 inches
N1375*	14FR	200	260mm, 10.2 inches

N2421 Frazier Suction Tube

- 9 FR
- With thumb plate and cutoff (bypass).
- 95mm working length.
- Overall length: 140mm, 5.5 inches.



*Not Available in Canada.

Suction Tubes, Cannulas

N7557* Goodhill-Pynchon Tonsil Suction Tube

- 6mm diameter, with openings around end of tip.
- 65mm working length.
- Overall length: 245mm, 9.6 inches.



Guilford-Wright Suction Tube

- With obturator extending 6mm beyond tube.
- 25mm working length.
- Overall length: 105mm, 4.1 inches.

Catalog #	Gauge
N1701 9A	18
N1701 9B	20
N1701 9C	22
N1701 9D	24



N1701 25 Guilford-Wright Suction Tube Adapter

- 4mm diameter tubing end.
- Overall length: 28mm



House-Baron Suction Tube

- With thumb plate and cutoff (bypass hole).

Catalog #	Tube Size	Working Length (mm)	Overall Length
N0608 L	3FR	90	155mm, 6.1 inches
N0608 LL	3FR	110	170mm, 6.7 inches
N0610 L	5FR	90	155mm, 6.1 inches
N0610 LL	5FR	110	170mm, 6.7 inches
N0613 L	7FR	90	155mm, 6.1 inches
N0613 LL	7FR	110	170mm, 6.7 inches



*Not Available in Canada.

Suction Tubes, Cannulas

N1705 O House Cutoff Adapter

- 4mm diameter tubing end.
- Thumb plate with cutoff (bypass hole).
- For use with N1690 11 Rosen Suction Tubes.
- Overall length: 50mm, 2.0 inches.



Rosen Suction Tube

- 60mm working length.
- Please note: 12 gauge can be order as a special SP7-34707.
- Overall length: 100mm, 3.9 inches.



Catalog #	Gauge
N1690 11A	14
N1690 11B	15
N1690 11C	16
N1690 11D	17
N1690 11E*	18

Catalog #	Gauge
N1690 11F	19
N1690 11G*	20
N1690 11H*	22
N1690 11I	24
N1690 11J	26



Schuknecht Suction Tube

- With thumb plate and cutoff (bypass).
- 78mm working length.
- Overall length: 120mm, 4.8 inches



Catalog #	Gauge
N1698 40	20
N1698 41	22
N1698 42	24



N0611 Stroud-Baron Suction Tube

- 5FR.
- With thumb plate and cutoff (bypass hole).
- Serrated to hold cotton.
- 75mm working length.
- Overall length: 125mm, 4.9 inches.



Suction Tubes, Cannulas

Suction Tube

- Bulbous tip.
- With thumb plate and cutoff (bypass hole).



Catalog #	Curve/Diameter	Working Length (mm)	Overall Length
N2906*	Long/3mm	85	143mm, 5.6 inches
N2907*	Short/3mm	90	146mm, 5.7 inches
N2908*	Short/4mm	90	146mm, 5.7 inches

William House Suction-Irrigator

- With thumb plate and cutoff (bypass hole).



Catalog #	Tube Size	Working Length (mm)	Overall Length
N1705 75A	2x2.5FR	85	130mm, 5.1 inches
N1705 75C	2.5x4FR	70	115mm, 4.5 inches
N1705 75CL	2.5x4FR	95	140mm, 5.5 inches
N1705 76A	4x5FR	70	115mm, 4.5 inches
N1705 76AL	4x5FR	95	140mm, 5.5 inches
N1705 76A5	5x7FR	95	140mm, 5.5 inches
N1705 76B	6x8FR	95	140mm, 5.5 inches
N1705 77A	7x10FR	95	140mm, 5.5 inches
N1705 77B	8x12FR	95	140mm, 5.5 inches
N1705 77F	12x14FR	95	140mm, 5.5 inches

N7550 Yankauer Tonsil Suction Tube

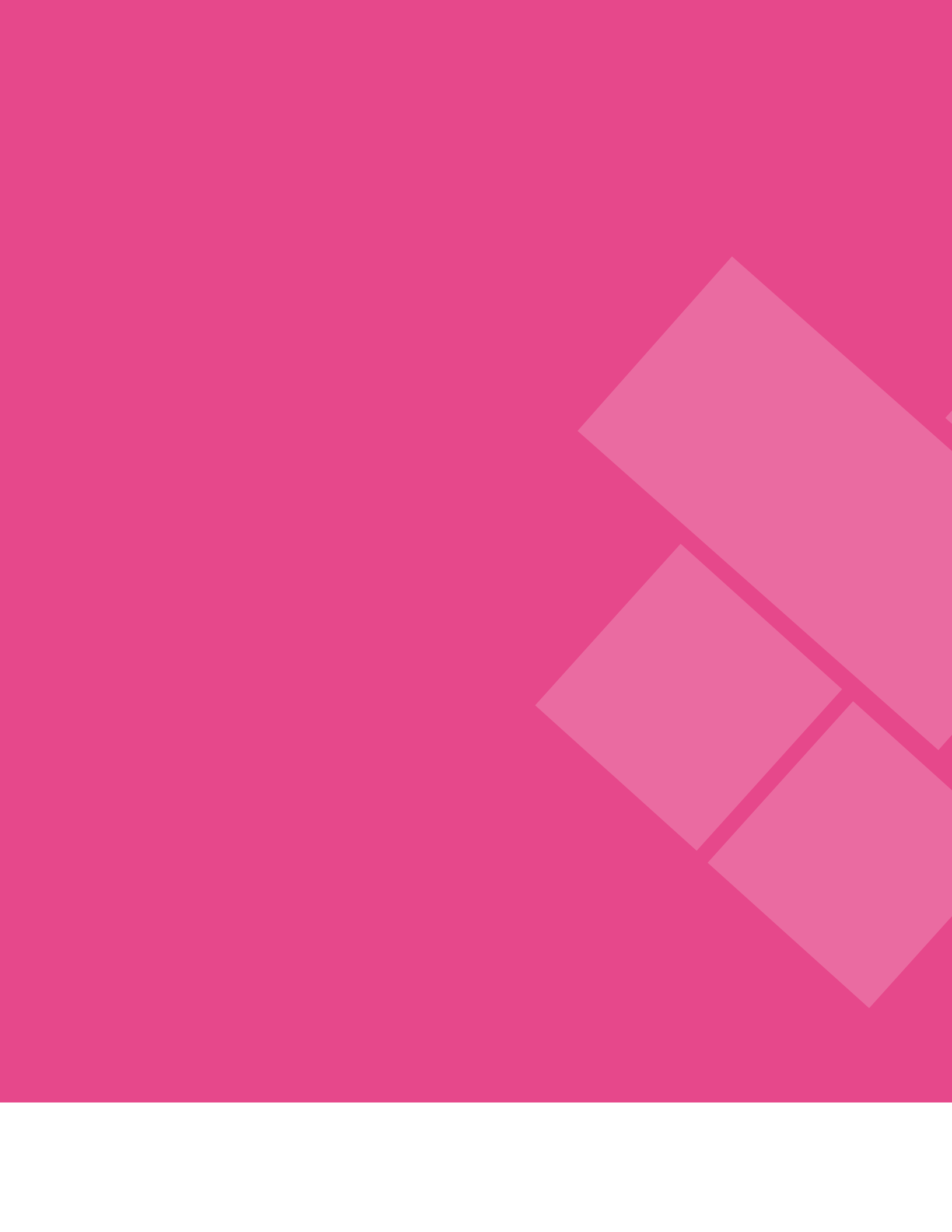
- 9mm.
- Bulbous tip, can be unscrewed to facilitate cleaning.
- 103mm working length.
- Overall length: 275mm, 10.9 inches



N7550 A* Tip Only for Yankauer Tonsil Suction Tube

- For N7550 Yankauer Tonsil Suction Tube.
- Threaded.
- Overall length: 13mm, 0.5 inches.

*Not Available in Canada.



SYRINGES

Syringes 228

Syringes

N0840* **Ear Syringe Outfit**

- All metal, continuous, aseptic.
- Single or continuous injection.
- Automatic spring plunger.
- One hand filling and emptying.
- Consists of: 10cc syringe, automatic plunger, four tips, 2-way valve, 18" rubber tubing with metal sinker.



N0840 E1* **Catheter Tip**

- Tip only for N0840 Ear Syringe Outfit.
- Overall length: 40mm, 1.6 inches.



N0840 E2* **Fistula Tip**

- Tip only for N0840 Ear Syringe Outfit.
- Overall length: 40mm, 1.6 inches.



N0840 D1* **Pomeroy Ear Tip**

- Tip only for N0840 Ear Syringe Outfit.
- Overall length: 40mm, 1.6 inches.



N0840 B* **Protection Shield**

- Shield only for N0840 Ear Syringe Outfit.
- Overall length: 58mm, 2.3 inches.



S3628* **Tubing Adapter**

- Male Luer-Lok® tip to 5mm I.D. plastic or 6mm I.D. rubber tubing.
- Overall length: 26mm, 1.0 inches.



*Not Available in Canada.

TRACHEA, LARYNGECTOMY & SPEAKING TUBES

Trachea, Laryngectomy &
Speaking Tubes.....230

Trachea, Laryngectomy & Speaking Tubes

N8034 R6* Jackson Trachea Tube

- Regular length.
- Stainless rotating lock. Welded stainless steel construction.
- Regular tube size 6.
- Outside diameter 10mm.
- Curve specifications inside 69mm.
- Curve specifications outside 83mm, 3.1 inches.
- NOTE: MEASUREMENTS REFLECT OUTSIDE OF CURVE FROM END TO NECK PLATE.



Air-Lon® Trachea Tube

- Nylon, autoclavable.
- Comfortable, non-chilling, lightweight (1/7 weight of silver).
- Will not dent or tarnish.
- Can remain in place during radiation.
- All parts interchangeable.
- 90 degree arc.



Catalog #	Tube Size	Diameter	Length
N8055*	5	9mm	78mm, 3.1 inches
N8056*	6	10mm	85mm, 3.3 inches
N8057*	7	11mm	93mm, 3.7 inches

N8164* Trachea Tube Brush

- For cleaning tubes sizes 2 thru 5.
- Nylon bristles.
- Stainless wire handle.
- Overall length: 153mm, 6.0 inches.



N8182 A* Air-Lon® Inhalation Laryngectomy Tube

- Nylon.
- Tube size 8.
- Diameter 12mm.
- Overall Length: 45mm, 1.7 inches.



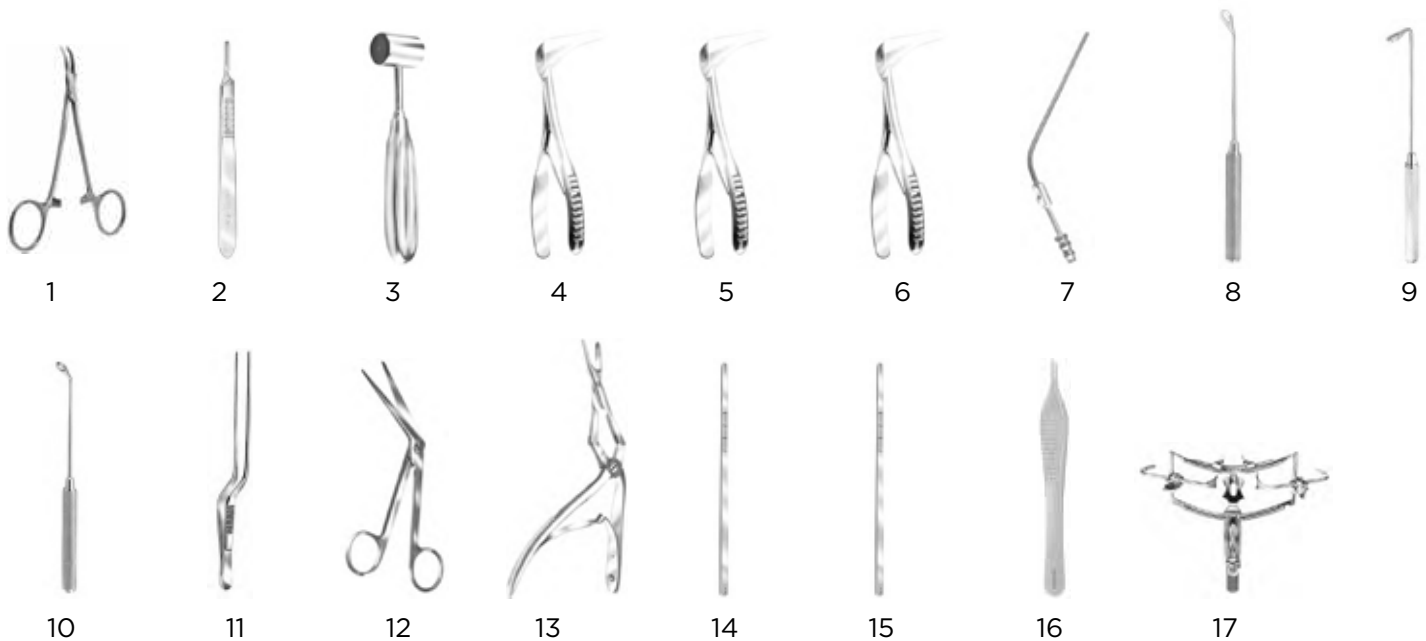
*Not Available in Canada.

INSTRUMENT SETS BY PROCEDURE

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Instrument Sets BY PROCEDURE

ANTROSTOMY/SINUS SURGERY

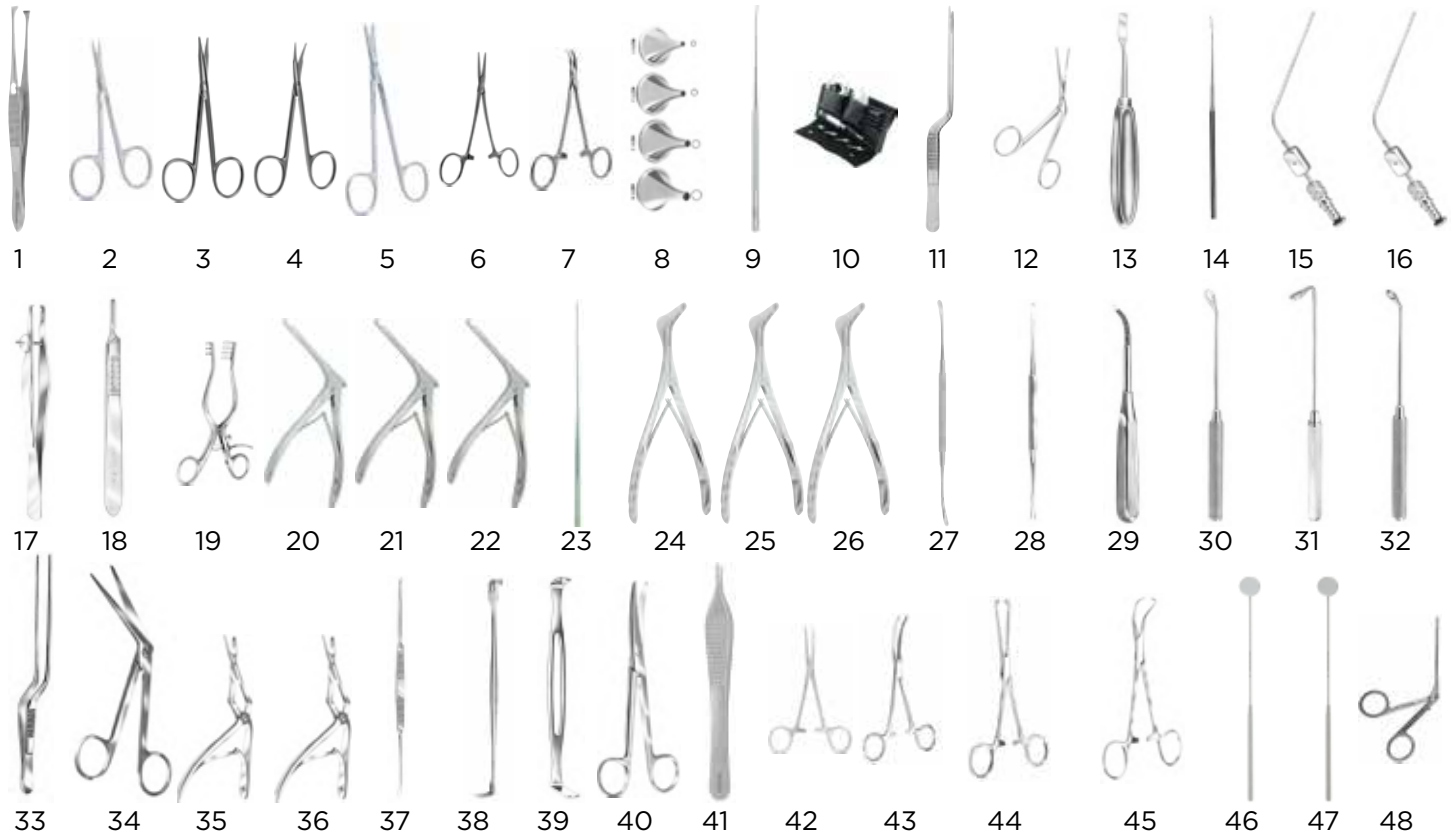


Catalog #	Description	Catalog #	Description
1. E3922	Halstead Hemostatic Mosquito Forceps Curved	10. N2750 5*	Coakley Antrum Curette Small Strong Curve
2. N1710	Bard-Parker Handle No. 3	11. N2862	Gruenwald Nasal Dressing Forceps
3. N1782	Lead Filled Mallet	12. N2886	Knight Nasal Scissors Medium
4. N2181	Septum Speculum 50mm	13. N3074	Jansen-Middleton Septum Forceps Large
5. N2182	Septum Speculum 64mm	14. N4334	Cottle Osteotome 4mm
6. N2183	Septum Speculum 76mm	15. N4337	Cottle Osteotome 6mm
7. N2421	Frazier Suction Tube	16. N5400	Adson Tissue Forceps 1 x 2 Delicate
8. N2750 1*	Coakley Antrum Curette Large Light Curve	17. N5954	Dingman Mouth Gag
9. N2750 3*	Coakley Antrum Curette Large Strong Curve		

*Not Available in Canada

Instrument Sets BY PROCEDURE

BASIC ENT

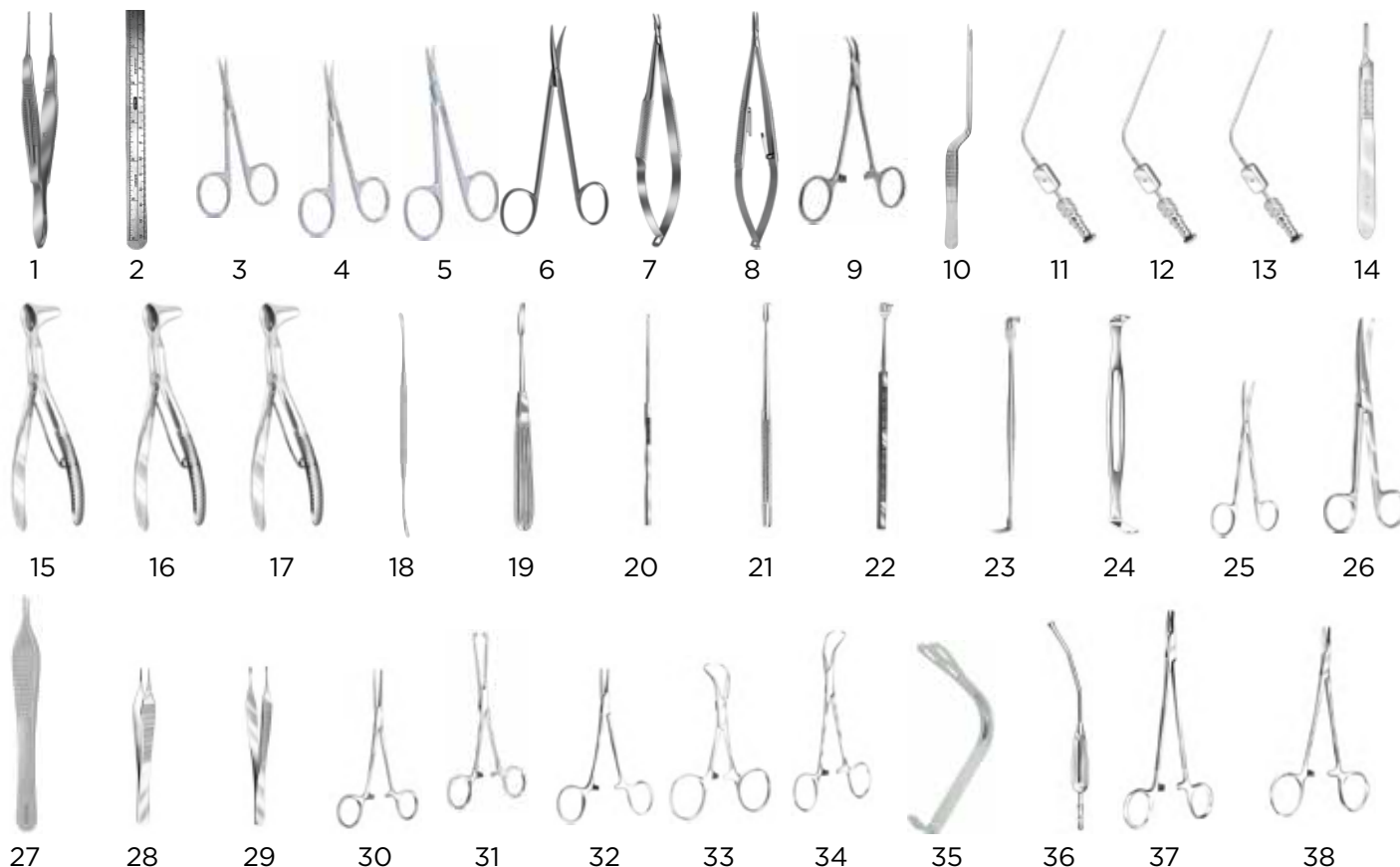


Catalog #	Description	Catalog #	Description
1. E1572	Graefe Fixation Forceps Wide 4.5mm Lock	25. N2122	Vienna Original Nasal Speculum No. 2
2. E3400 I	Iris Scissors 25mm Pointed Straight	26. N2123	Vienna Original Nasal Speculum No. 3
3. E3560	Stevens Tenotomy Scissors Straight	27. N2348	Freer Septum Elevator 4.5mm
4. E3562	Stevens Tenotomy Scissors Curved	28. N2358	Hajak-Ballenger Elevator
5. E3576	Knapp Strabismus Scissors Straight	29. N2614	Wiener Antrum Rasp
6. E3920	Halstead Hemostatic Mosquito Forceps Straight	30. N2750 1*	Coakley Antrum Curette Large Light Curve
7. E3922	Halstead Hemostatic Mosquito Forceps Curved	31. N2750 3*	Coakley Antrum Curette Large Strong Curve
8. N0211 1-4	Boucheron Speculum Small #1-4	32. N2750 5*	Coakley Antrum Curette Small Strong Curve
9. N0400 0-3	Buck Ear Curettes	33. N2862	Gruenwald Nasal Dressing Forceps
10. N0840*	Ear Syringe Outfit	34. N2886	Knight Nasal Scissors Medium
11. N0900	Lucae Ear Dressing Forceps Delicate	35. N3070	Jansen-Middleton Septum Forceps
12. N0982	Hartman Ear Dressing Forceps	36. N3074	Jansen-Middleton Septum Forceps Large
13. N1124	Lempert Elevator 7mm	37. N4660	Cottle Septum Elevator
14. N1150	Myringotomy Knife Straight	38. N4780	Senn-Kanavel Retractor
15. N1378*	Ferguson-Frazier Suction Tube 8FR Short	39. N4847	Army-Navy Retractor
16. N1382*	Ferguson-Frazier Suction Tube 12FR Short	40. N5230	Mayo Scissors 52mm Straight
17. N1705150	Sheehy Ossicle Holding Clamp	41. N5400	Adson Tissue Forceps 1 x 2 Delicate
18. N1710	Bard-Parker Handle No. 3	42. N5510	Kelly Hemostatic Forceps Straight
19. N1822	Weitlaner Mastoid Retractor	43. N5541*	Rochester-Pean Hemostatic Forceps
20. N1950	Kerrison Rongeur No. 0	44. N5600	Allis Forceps 3mm
21. N1951	Kerrison Rongeur No. 1	45. N7205	Backhaus Towel Forceps No Stops
22. N1952	Kerrison Rongeur No. 2	46. N7700 3	Laryngeal Mirror with Handle 20mm
23. N2000 A	Farrell Applicator 16mm Rough-Twist	47. N7700 5	Laryngeal Mirror with Handle 25mm
24. N2121	Vienna Original Nasal Speculum No. 1	48. X0241	House Miniature Forceps 4mm

*Not Available in Canada

Instrument Sets BY PROCEDURE

BASIC PLASTIC

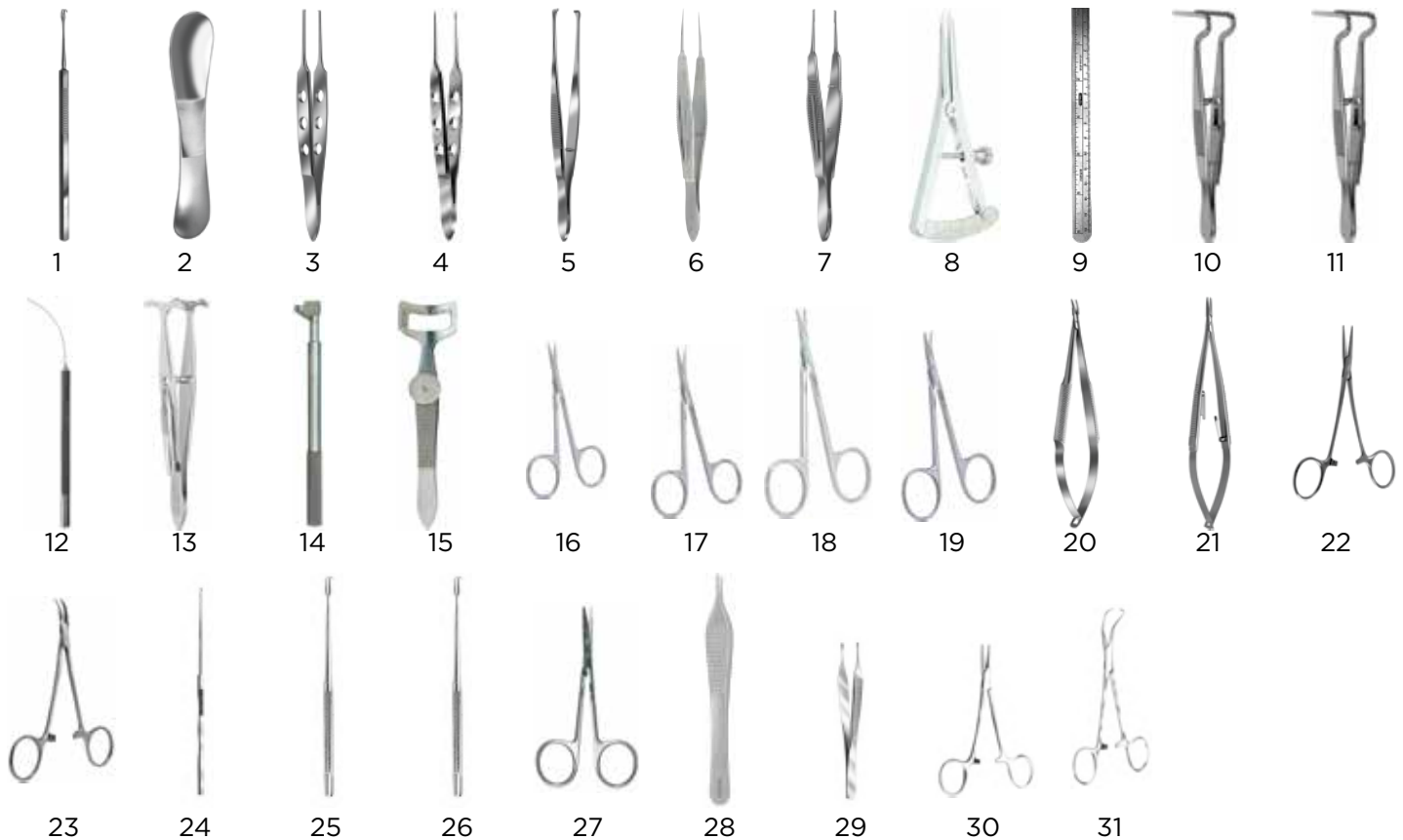


Catalog #	Description	Catalog #	Description
1. E1798 US	Castroviejo Suturing Forceps 0.5mm	20. N4720	Joseph Single Hook
2. E2420	Stainless Steel Flexible Ruler	21. N4730	Joseph Double Hook 10mm
3. E3400 I	Iris Scissors 25mm Pointed Straight	22. N4770	Blair Retractor
4. E3402 I	Iris Scissors 25mm Pointed Curve	23. N4780	Senn-Kanavel Retractor
5. E3552 I	Stevens Tenotomy Scissors Heavy Curved	24. N4847	Army-Navy Retractor
6. E3577	Knapp Strabismus Scissors Curved Light	25. N5104	Metzenbaum Scissors
7. E3828 CWO	Barraquer Needle Holder 9mm Curved Delicate	26. N5230	Mayo Scissors 52mm Straight
8. E3861	Castroviejo Needle Holder 10mm Straight Medium Locking	27. N5400	Adson Tissue Forceps 1 x 2 Delicate
9. E3922	Halstead Hemostatic Mosquito Forceps Curved	28. N5402	Adson Dressing Forceps
10. N0900	Lucae Ear Dressing Forceps Delicate	29. N5420	Brown-Adson Tissue Forceps
11. N1377*	Ferguson-Frazier Suction Tube 7FR Short	30. N5511	Kelly Hemostatic Forceps Curved
12. N1378*	Ferguson-Frazier Suction Tube 8FR Short	31. N5600	Allis Forceps 3mm
13. N1380*	Ferguson-Frazier Suction Tube 10FR Short	32. N5713	Webster Needle Holder 13mm
14. N1710	Bard-Parker Handle No. 3	33. N7203	Backhaus Towel Forceps
15. N2111	Vienna Nasal Speculum No. 1	34. N7205	Backhaus Towel Forceps No Stops
16. N2112*	Vienna Nasal Speculum No. 2	35. N7330	Weeder Tongue Depressor Child
17. N2113	Vienna Nasal Speculum No. 3	36. N7550	Yankauer Tonsil Suction Tube
18. N2348	Freer Septum Elevator 4.5mm	37. P0130	Mayo-Hegar Needle Holder
19. N4610	Joseph Periosteal Elevator	38. P0430	Crile-Wood Needle Holder 14mm

*Not Available in Canada

Instrument Sets BY PROCEDURE

BLEPHAROPLASTY



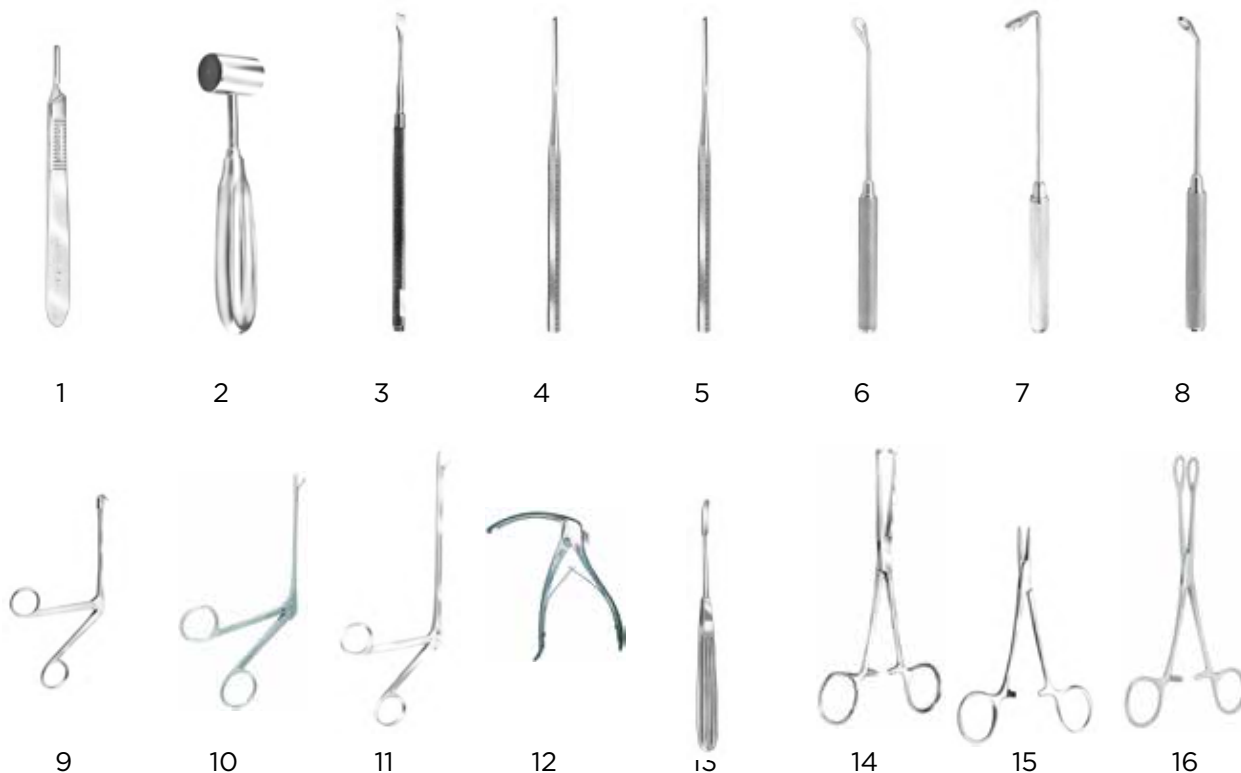
Catalog #	Description
1. E0533	Double Fixation Hook 2.0mm
2. E1069 S	Khan-Jaeger Lid Plate
3. E1500	Bishop-Harmon Tissue Forceps Fine Straight
4. E1506	Bishop-Harmon Dressing Forceps
5. E1562	Graefe Fixation Forceps Wide 4.5mm No Lock
6. E1793	Castroviejo Fixation Forceps 0.3mm
7. E1798 US	Castroviejo Suturing Forceps 0.5mm
8. E2404	Castroviejo Caliper
9. E2420	Stainless Steel Flexible Ruler
10. E2500	Berke Ptosis Forceps 20mm
11. E2504	Berke Ptosis Forceps 27mm
12. E2506	Putterman Eyelid Creaser
13. E2508	Putterman Mullers Muscle Conjunctival Resection Ptosis Clamp
14. E2509*	Putterman Levator Resection Clamp
15. E2510*	Putterman Gladestone Transmarginal Clamp
16. E3400 I	Iris Scissors 25mm Pointed Straight

Catalog #	Description
17. E3402 I	Iris Scissors 25mm Pointed Curved
18. E3550 I	Stevens Tenotomy Scissors Heavy Straight
19. E3552 I	Stevens Tenotomy Scissors Heavy Curved
20. E3828 CW	Barraquer Needle Holder 9mm Curved Delicate Locking
21. E3861	Castroviejo Needle Holder 10mm Straight Medium Locking
22. E3920	Halstead Hemostatic Mosquito Forceps Straight
23. E3922	Halstead Hemostatic Mosquito Forceps Curved
24. N4720	Joseph Single Hook
25. N4722	Joseph Double Hook 2mm
26. N4725	Joseph Double Hook 5mm
27. N5066 I	Kaye Dissecting Scissors Fine
28. N5398	Adson Tissue Forceps 1 x 2 Extra Delicate
29. N5420	Brown-Adson Tissue Forceps
30. N5713	Webster Needle Holder 13mm
31. N7205	Backhaus Towel Forceps No Stops

*Not Available in Canada

Instrument Sets BY PROCEDURE

CALDWELL-LUC



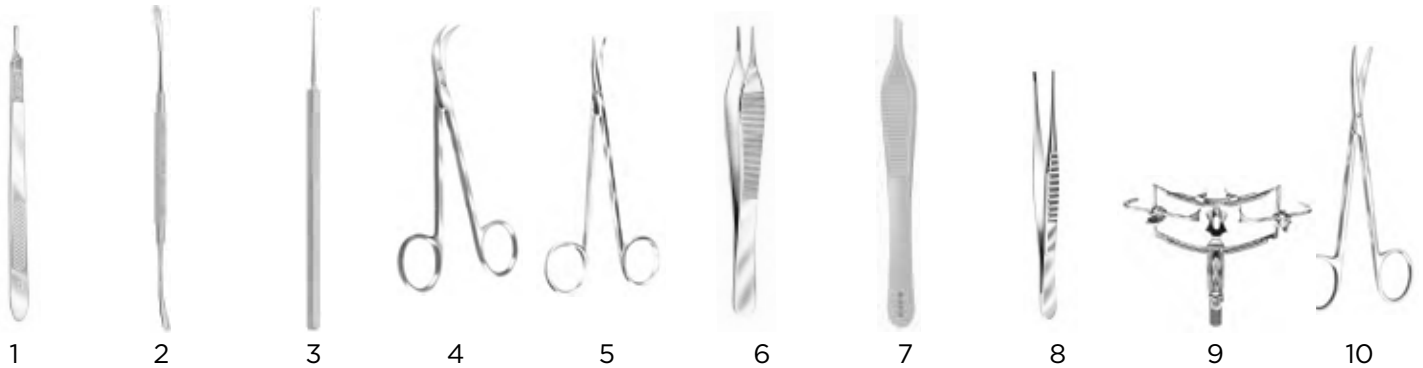
Catalog #	Description
1. N1710	Bard-Parker Handle No. 3
2. N1782	Lead Filled Mallet
3. N2290	Freer Chisel
4. N2304	Ballenger Chisel 4mm
5. N2306	Ballenger Chisel 6mm
6. N2750 1*	Coakley Antrum Curette Large Light Curve
7. N2750 3*	Coakley Antrum Curette Large Strong Curve
8. N2750 5*	Coakley Antrum Curette Small Strong Curve

Catalog #	Description
9. N2896 1	Ostrum Antrum Punch Forceps
10. N2991	Blakesley Nasal Forceps No. 1
11. N2995	Takahashi Nasal Forceps 2.5mm
12. N3106	Kerrison-Costen Rongeur
13. N4610	Joseph Periosteal Elevator
14. N5605*	Allis Forceps 5mm
15. N5712	Webster Needle Holder 19mm
16. N7170	Ballenger Sponge Forceps Straight

*Not Available in Canada

Instrument Sets BY PROCEDURE

CLEFT PALATE REPAIR



Catalog #	Description
1. N1711*	Bard-Parker Handle No. 3L
2. N2348	Freer Septum Elevator 4.5mm
3. N4700	Single Skin Hook
4. N5080	Foman Lower Lateral Scissors
5. N5159	Stevens Tenotomy Scissors

Catalog #	Description
6. N5415	Adson Dressing Forceps Delicate
7. N5416	Adson Tissue Forceps 1 x 2 Delicate
8. N5426*	Brown Tissue Forceps
9. N5954	Dingman Mouth Gag
10. N6930	Metzenbaum Tonsil Scissors

FOREIGN BODY REMOVAL



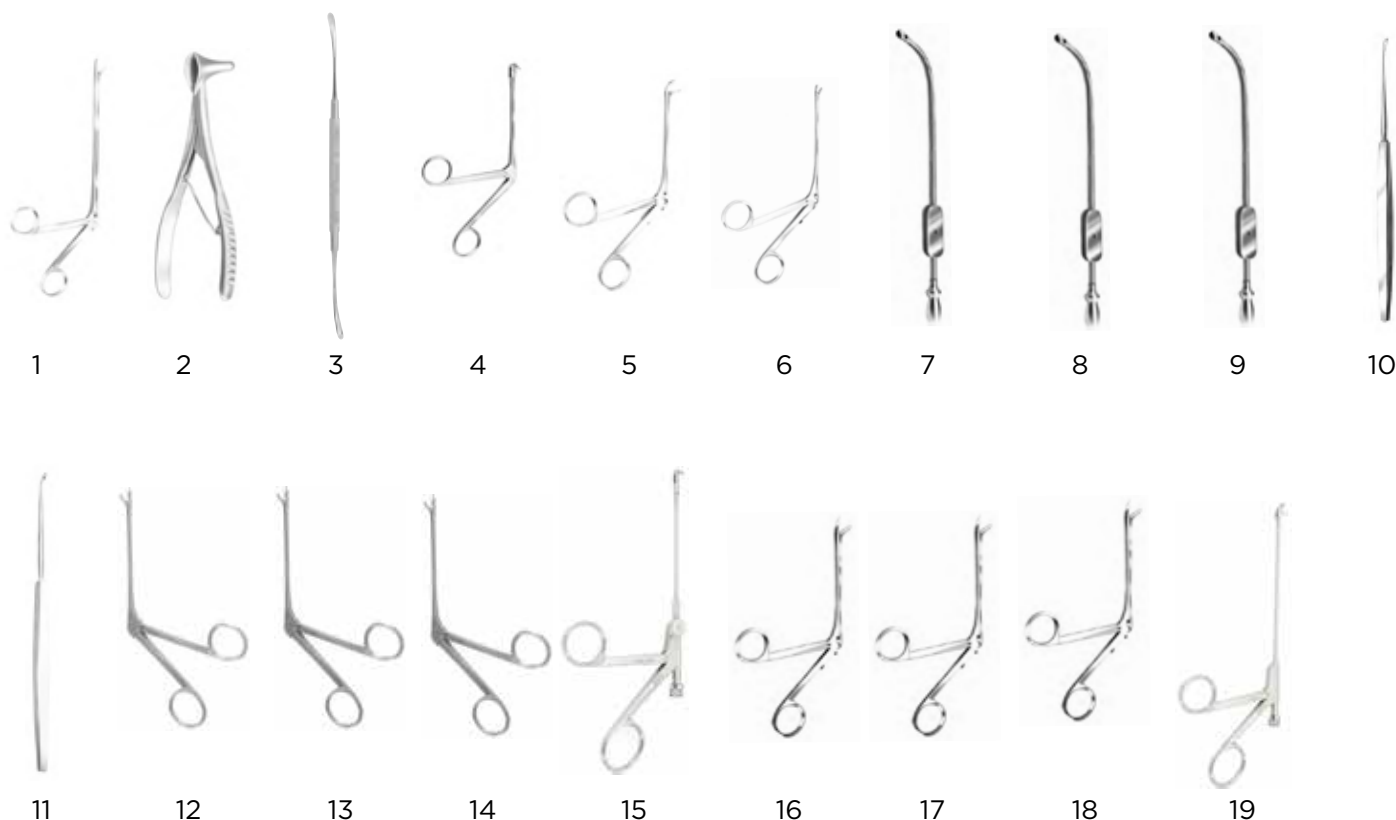
Catalog #	Description
1. N0226 1-4	Farrior Speculum Original Model Round #1-4
2. N0400 1	Buck Ear Curette 2mm
3. N0410 2	Billeau Ear Loop Medium
4. N0470 2	Day Ear Hook 2mm
5. N0608	Baron Suction Tube 3FR
6. N0610*	Baron Suction Tube 5FR

Catalog #	Description
7. N0613	Baron Suction Tube 7FR
8. N0900	Lucae Ear Dressing Forceps Delicate
9. N0950	Noyes Ear Forceps 6mm
10. N0982	Hartman Ear Dressing Forceps
11. N1280	Endaural Speculum

*Not Available in Canada

Instrument Sets BY PROCEDURE

FUNCTIONAL SINUS ENDOSCOPY



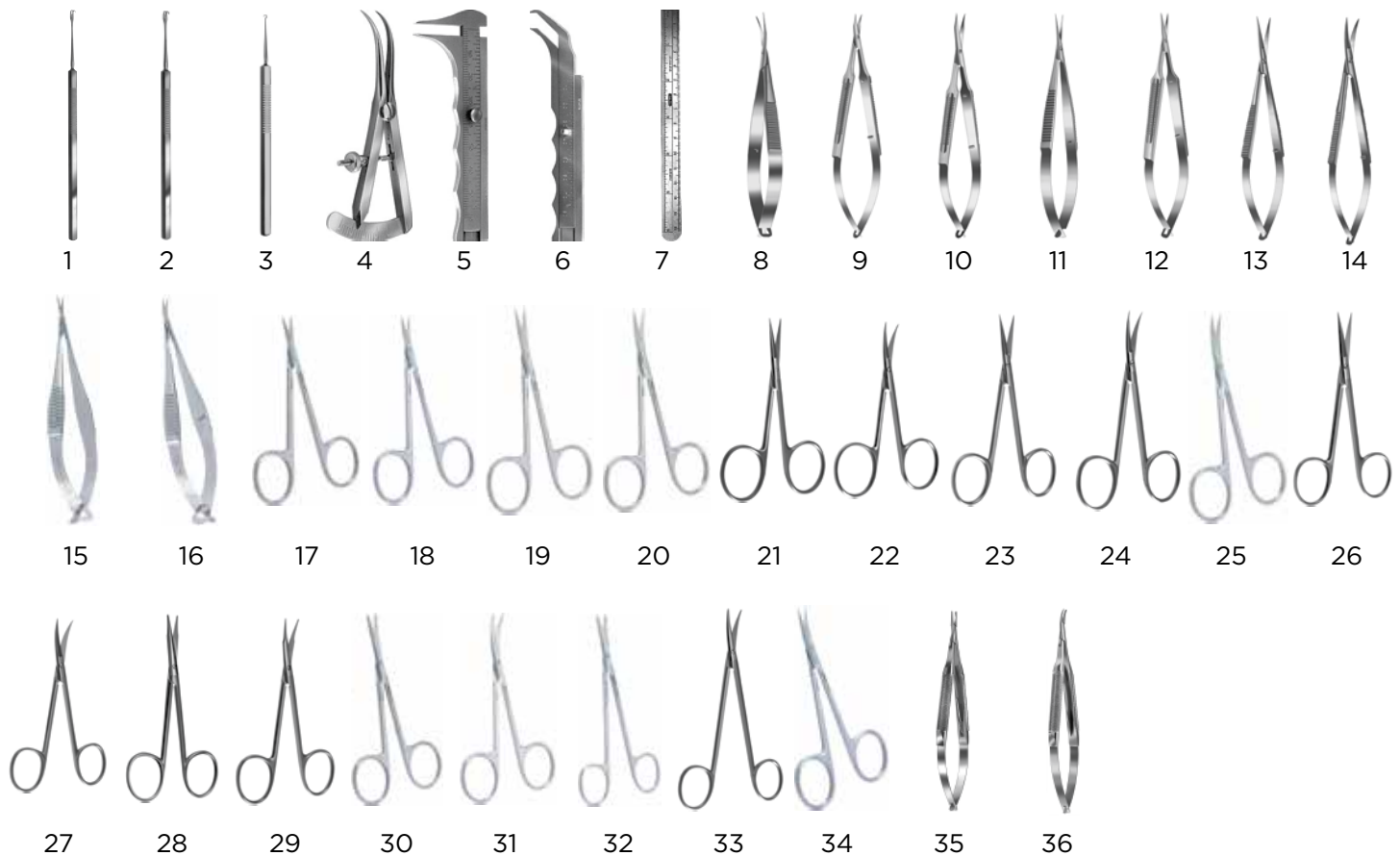
Catalog #	Description
1. G6510	Takahashi Nasal Forceps 2mm
2. N2101	Nasal Speculum No. 1
3. N2348	Freer Septum Elevator 4.5mm
4. N2896 1	Ostrum Antrum Punch Forceps
5. N2897	Blakesley-Wilde Ethmoid Forceps
6. N2898	Sinus Cup Forceps
7. N2906*	Suction Tube 3mm Long Curve
8. N2907*	Suction Tube 3mm Short Curve
9. N2908*	Suction Tube 4mm Short Curve
10. N2909	Sickle Knife

Catalog #	Description
11. N2912	Antrum Curette
12. N2990	Blakesley Nasal Forceps No. 0
13. N2991	Blakesley Nasal Forceps No. 1
14. N2993 1	Blakesley Nasal Forceps No. 1 Upturned 45°
15. N2993 ROTP*	Pediatric Ostrum Antrum Punch Forceps Rotating
16. N2994 1	Nasal Sinus Scissors Straight
17. N2994 2	Nasal Sinus Scissors Left
18. N2994 3	Nasal Sinus Scissors Right
19. N9212	Cutting Forceps Pediatric

*Not Available in Canada

Instrument Sets BY PROCEDURE

HAND SURGERY (1 OF 3)



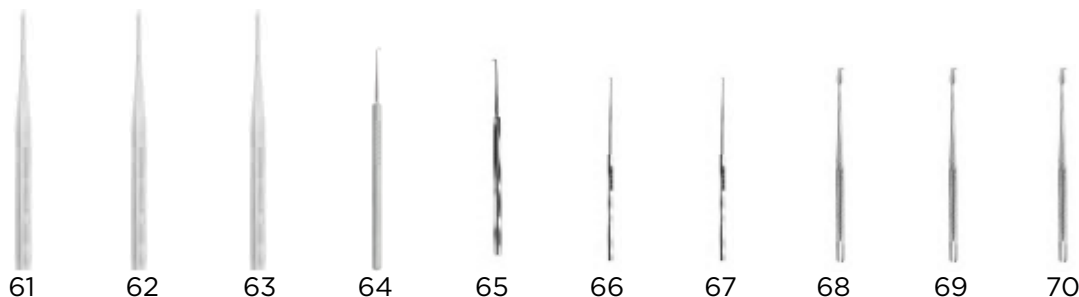
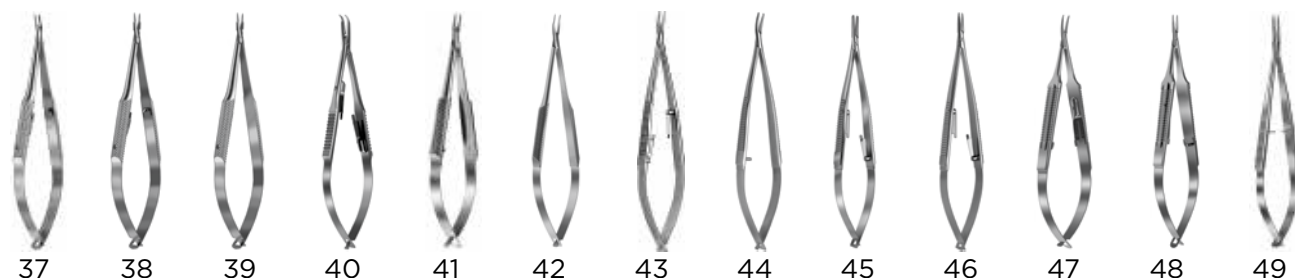
Catalog #	Description
1. E0532	Double Fixation Hook 1.5mm
2. E0533	Double Fixation Hook 2.0mm
3. E0548	Tyrell Iris Hook
4. E2405	Castroviejo Marking Caliper Curved
5. E2410	Jameson Caliper
6. E2414	Thorpe Caliper
7. E2420	Stainless Steel Flexible Ruler
8. E3320 R	Westcott Tenotomy Scissors Curved Right
9. E3321 MWH	Castroviejo Mini Keratoplasty-Utility-Stitch Scissors
10. E3321 WH	Westcott Type Stitch Scissors Wide Handle
11. E3340	Stitch Scissors Fine Straight
12. E3340 WH	Stitch Scissors Fine Straight Wide
13. E3343	Iris Scissors Sharpe Straight
14. E3344	Iris Scissors Sharp Curved
15. E3386	Vannas Capsulotomy Scissors Straight
16. E3387	Vannas Capsulotomy Scissors Curved
17. E3396 I	Iris Scissors 18mm Pointed Straight
18. E3397 I	Iris Scissors 18mm Pointed Curved

Catalog #	Description
19. E3400 I	Iris Scissors 25mm Pointed Straight
20. E3402 I	Iris Scissors 25mm Pointed Curved
21. E3404	Iris Scissors 28mm Pointed Straight
22. E3405	Iris Scissors 28mm Pointed Curved
23. E3406	Iris Scissors 25mm Light Straight
24. E3408	Iris Scissors 25mm Light Curved
25. E3412 I	Eye Scissors Curved Pointed Tips
26. E3424	Eye Scissors Straight Sharp Tips
27. E3426	Eye Scissors Curved Sharp Tips
28. E3560	Stevens Tenotomy Scissors Straight
29. E3562	Stevens Tenotomy Scissors Curved
30. E3570 I	Strabismus Scissors Straight
31. E3572 I	Strabismus Curved Strong
32. E3576	Knapp Strabismus Scissors Straight
33. E3577	Knapp Strabismus Scissors Curved Light
34. E3592 I	Stitch Scissors Original
35. E3795	Needle Holder 9mm Straight Medium Locking
36. E3797 X	Needle Holder 9mm Curved Medium

*Not Available in Canada

Instrument Sets BY PROCEDURE

HAND SURGERY (2 OF 3)

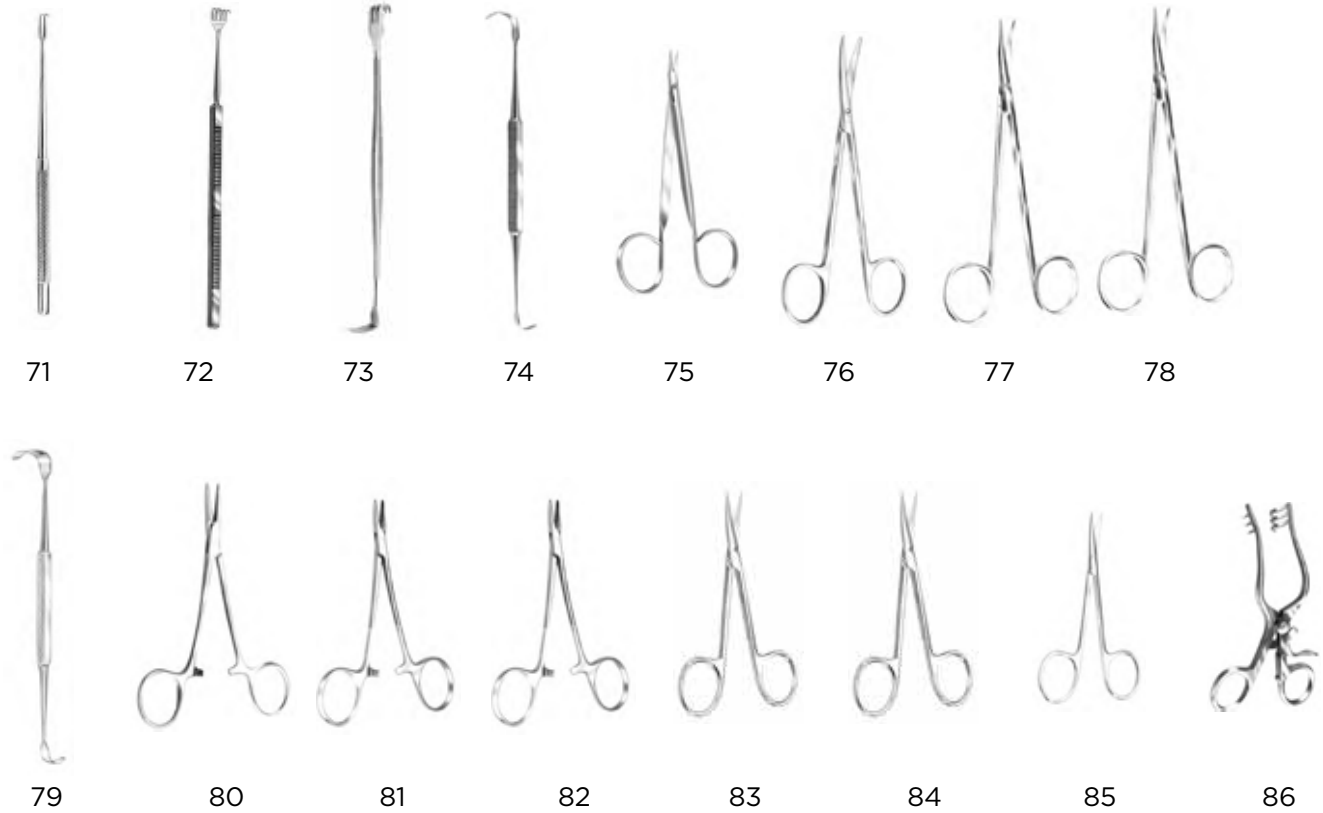


Catalog #	Description	Catalog #	Description
37. E3828 CW	Barraquer Needle Holder 9mm Curved Delicate Locking	52. N1412	Plastic Scissors
38. E3828 SW	Barraquer Needle Holder 9mm Straight Delicate Locking	53. N1420*	Lahey Scissors
39. E3828 SWO	Barraquer Needle Holder 9mm Straight Delicate	54. N1451	Lempert Rongeur
40. E3835	McPherson Needle Holder 11mm Curved Fine Locking	55. N1780	Copper Mallet
41. E3836 C	Cohan Needle Holder 8mm Curved Fine Mini	56. N2290	Freer Chisel
42. E3844	Barraquer Needle Holder 10mm Curved Fine Knurled Handle	57. N2304	Ballenger Chisel 4mm
43. E3848	Castroviejo Needle Holder 11mm Curved Medium Locking	58. N2340	McKenty Periosteal Elevator
44. E3849	Castroviejo Needle Holder 11mm Curved Medium	59. N2348	Freer Septum Elevator 4.5mm
45. E3850	Castroviejo Needle Holder 12mm Straight Locking	60. N4302	Osteotome 2mm
46. E3861	Castroviejo Needle Holder 10mm Straight Medium Locking	61. N4303	Osteotome 3mm
47. E3861 WHMC	Castroviejo Needle Holder 9mm Curved Fine Locking	62. N4305	Osteotome 5mm
48. E3861 WHMS	Castroviejo Needle Holder 9mm Straight Fine Locking	63. N4306	Osteotome 6mm
49. E3864	Castroviejo Needle Holder 16mm Straight Locking	64. N4700	Single Skin Hook
50. N1268	House Hand Retractor	65. N4706	Cottle Single Hook Small
51. N1410	Plastic Scissors	66. N4712	Converse Skin Hook Small
		67. N4720	Joseph Single Hook
		68. N4722	Joseph Double Hook 2mm
		69. N4725	Joseph Double Hook 5mm
		70. N4727	Joseph Double Hook 7mm

*Not Available in Canada

Instrument Sets BY PROCEDURE

HAND SURGERY (3 OF 3)



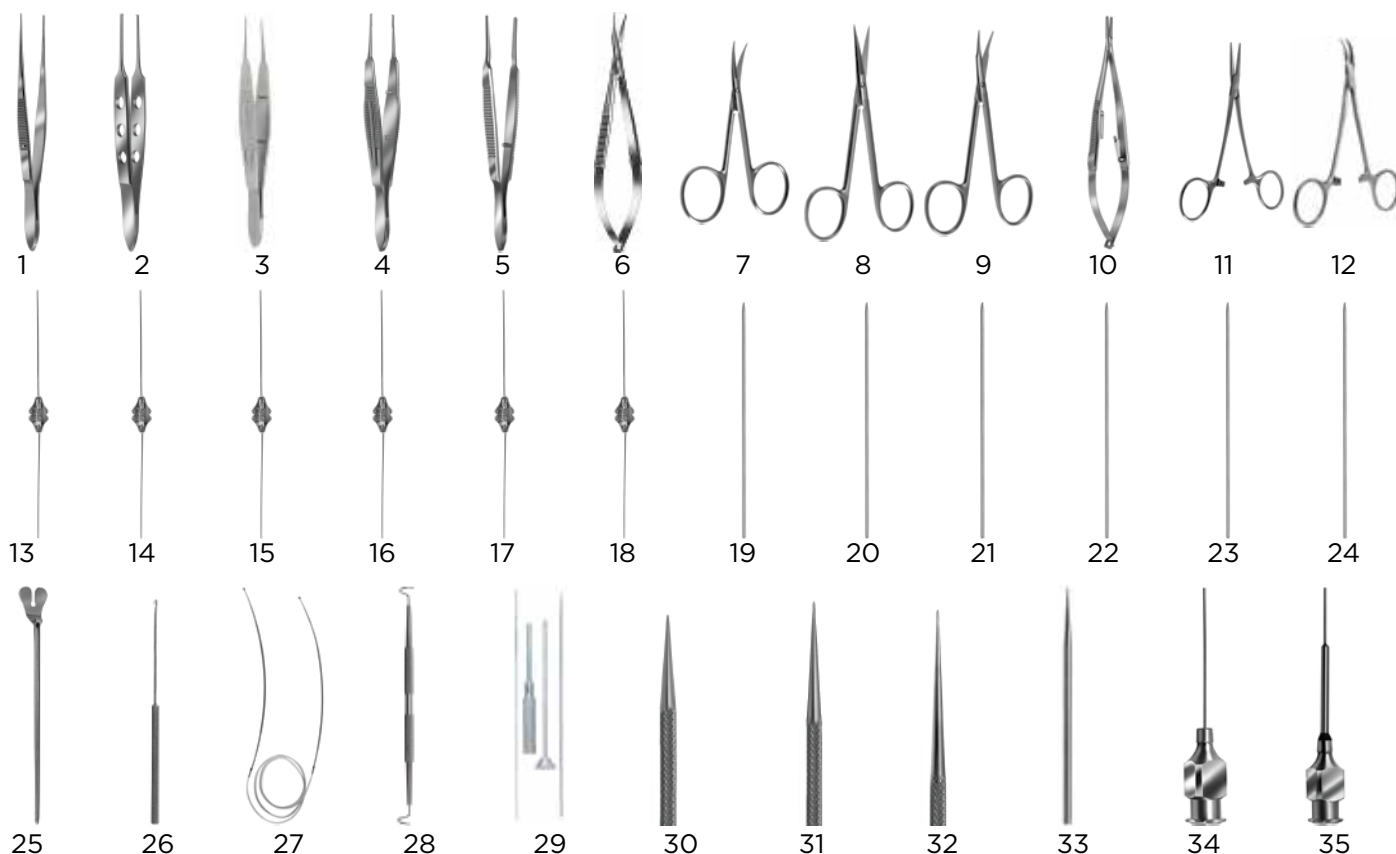
Catalog #	Description
71. N4730	Joseph Double Hook 10mm
72. N4770	Blair Retractor
73. N4780	Senn-Kanavel Retractor
74. N4784	Ragnell Retractor
75. N5005	Stitch Removal Scissors
76. N5104	Metzenbaum Scissors
77. N5142	Stevens Tenotomy Scissors Straight
78. N5159	Stevens Tenotomy Scissors

Catalog #	Description
79. N5176	Kasdan Retractor
80. N5712	Webster Needle Holder 19mm
81. P0404	Par Needle Holder
82. P0414	Par Needle Holder
83. P0705	Iris Scissors Tungsten Curved
84. P0706	Iris Scissors Tungsten Straight
85. P0930	Plastic Scissors
86. X0300	Wullstein-Weitlaner Retractor

*Not Available in Canada

Instrument Sets BY PROCEDURE

LACRIMAL, INTUBATION, DACHRYCYSTORHINOSTOMY (1 OF 2)



Catalog #	Description	Catalog #	Description
1. E1400	Dressing Forceps with Serrations Delicate Straight	18. E4205	Bowman Lacrimal Probe Long 7 and 8
2. E1500	Bishop-Harmon Tissue Forceps Fine Straight	19. E4220 00	Quickert Lacrimal Intubation Probe 00mm
3. E1796	Castroviejo Suturing Forceps 0.12mm	20. E4220 0	Quickert Lacrimal Intubation Probe 0mm
4. E1798 US	Castroviejo Suturing Forceps 0.5mm	21. E4220 1*	Quickert Lacrimal Intubation Probe 1mm
5. E1914	McCullough Utility Forceps Smooth	22. E4220 2	Quickert Lacrimal Intubation Probe 2mm
6. E3321	Westcott Utility Forceps Smooth	23. E4220 3*	Quickert Lacrimal Intubation Probe 3mm
7. E3405	Iris Scissors 28mm Pointed Curved	24. E4220 4*	Quickert Lacrimal Intubation Probe 4mm
8. E3424	Eye Scissors Straight Sharp Tips	25. E4220 15	Quickert Grooved Director
9. E3562	Stevens Tenotomy Scissors Curved	26. E4222	Benger Probe Hook
10. E3850	Castroviejo Needle Holder 12mm Straight Locking	27. E4223	Benger Probe Set
11. E3920	Halstead Hemostatic Mosquito Forceps Straight	28. E4251	Worst Pigtail Probe
12. E3922	Halstead Hemostatic Mosquito Forceps Curved	29. E4270*	Putterman Consecutive CDCR Set
13. E4200	Bowman Lacrimal Probe Long 0000 and 000	30. E4360	Wilder Lacrimal Dilator Short
14. E4201	Bowman Lacrimal Probe Long 00 and 0	31. E4361	Wilder Lacrimal Dilator Medium
15. E4202	Bowman Lacrimal Probe Long 1 and 2	32. E4362	Wilder Lacrimal Dilator Long
16. E4203	Bowman Lacrimal Probe Long 3 and 4	33. E4366	Ruedemann Lacrimal Dilator
17. E4204	Bowman Lacrimal Probe Long 5 and 6	34. E4400	Lacrimal Cannula 23 Gauge
		35. E4404	Lacrimal Cannula 23 Gauge Straight Tip

*Not Available in Canada

Instrument Sets BY PROCEDURE

LACRIMAL, INTUBATION, DACHRYCYSTORHINOSTOMY (2 OF 2)



36



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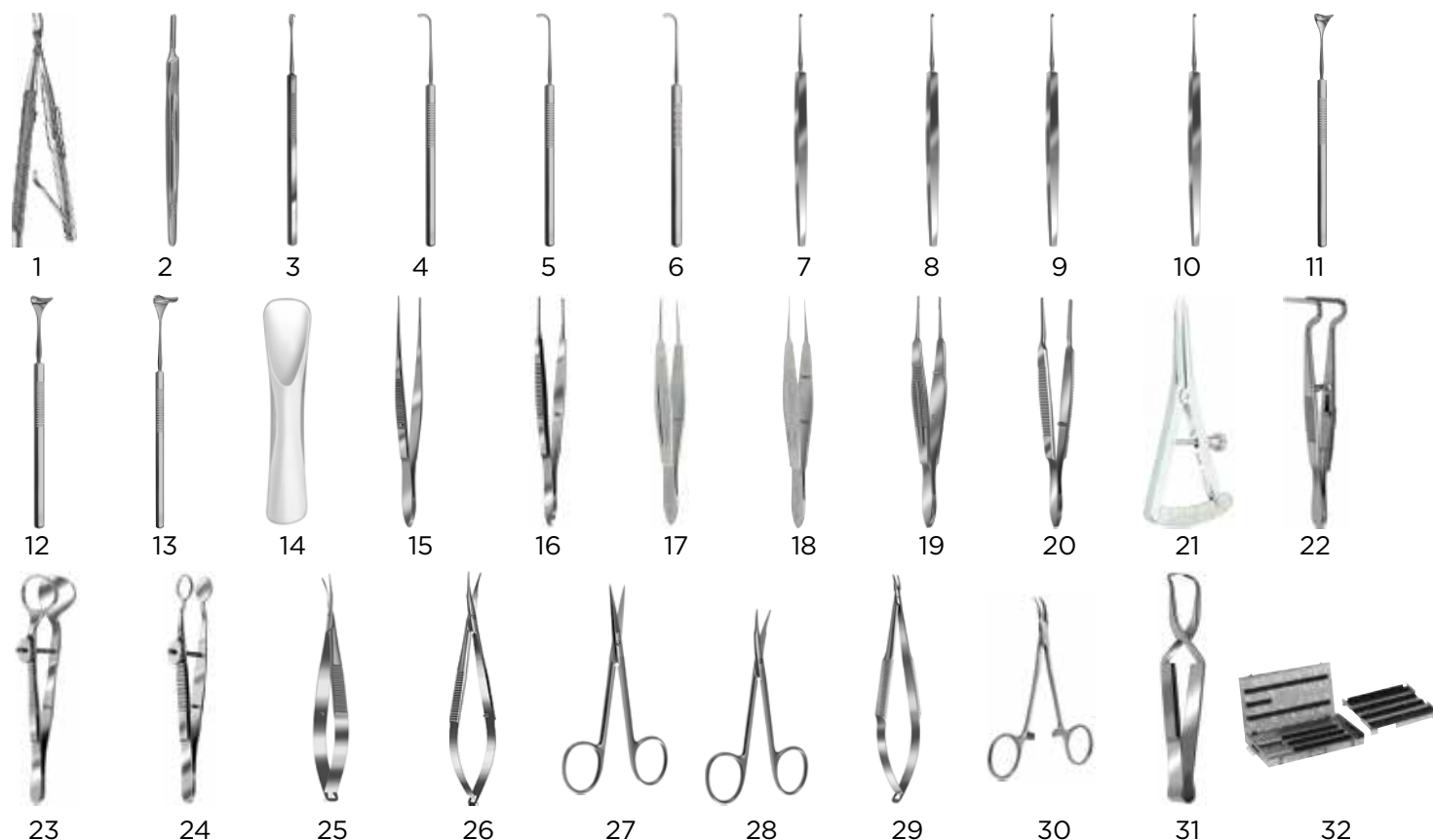
Catalog #	Description
36. E4406	Lacrimal Cannula 23 Gauge Curved Tip
37. E4410	Lacrimal Cannula 22 Gauge
38. E4418	West Lacrimal Cannula
39. E4500	Stevenson Lacrimal Sac Retractor
40. E4538	Knapp Lacrimal Sac Retractor 135mm
41. E4590	Belz Lacrimal Sac Rongeur
42. E4595	Tenzel Double Ended Periosteal Elevator

Catalog #	Description
43. E4600	West Lacrimal Sac Chisel
44. E6774	Schaedel Towel Clamp
45. E7515	LASEREDGE Stab Knife 15°
46. N1782	Lead Filled Mallet
47. N1950	Kerrison Rongeur No. 0
48. N2101	Nasal Speculum No. 1

*Not Available in Canada

Instrument Sets BY PROCEDURE

LID SET

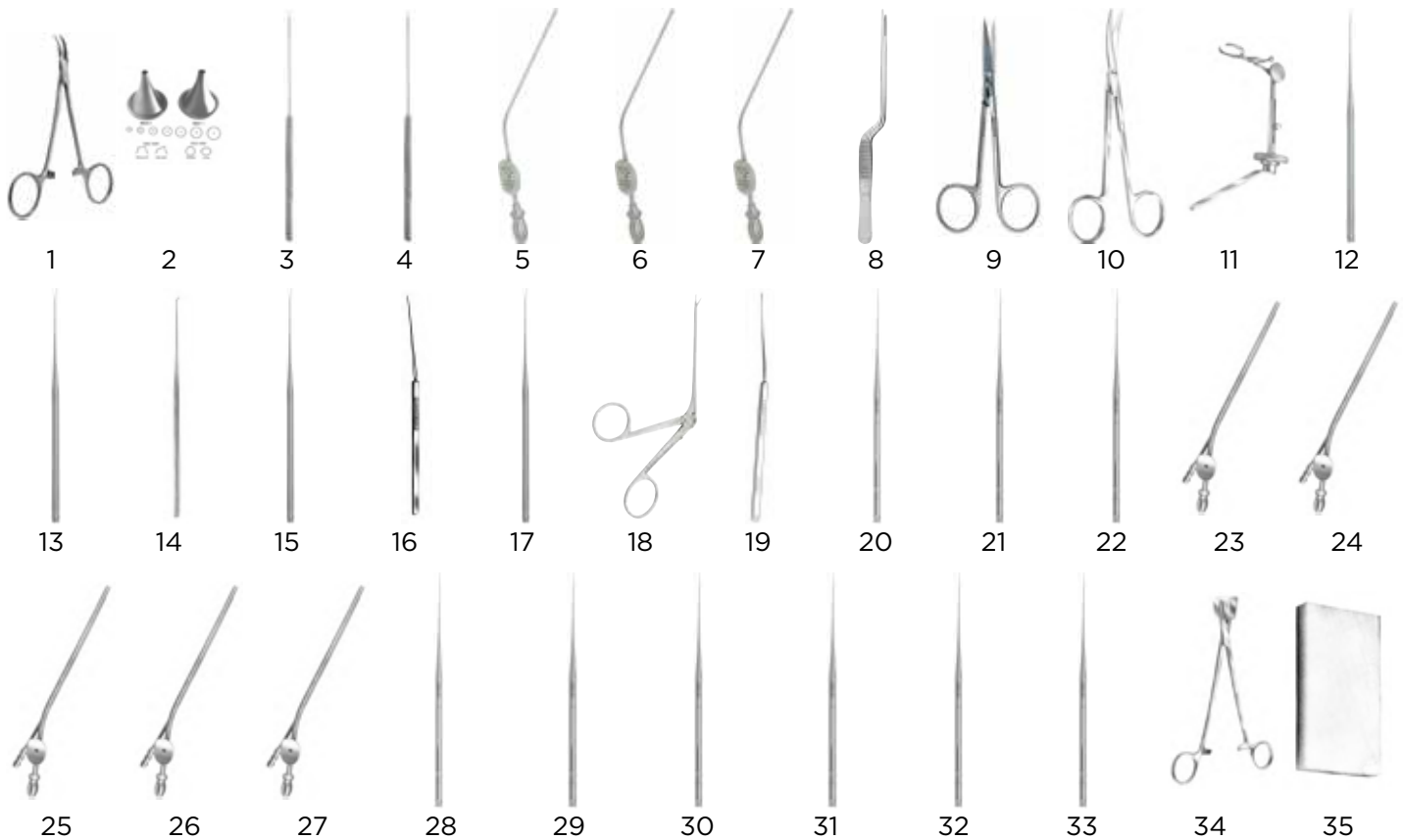


Catalog #	Description	Catalog #	Description
1. E0058	Castroviejo Blade Breaker and Holder	17. E1793	Castroviejo Fixation Forceps 0.3mm
2. E0334	Bard-Parker Handle No. 9	18. E1796	Castroviejo Suturing Forceps 0.12mm
3. E0533	Double Fixation Hook 2.0mm	19. E1798 US	Castroviejo Suturing Forceps 0.5mm
4. E0591	Graefe Strabismus Hook 8mm	20. E1914	McCullough Utility Forceps Smooth
5. E0592	Graefe Strabismus Hook 9mm	21. E2404	Castroviejo Caliper
6. E0593	Graefe Strabismus Hook 10mm	22. E2500	Berke Ptosis Forceps 20mm
7. E0780	Meyerhoeffer Chalazion Curette 1.5mm	23. E2604	Desmarres Chalazion Forceps 24mm
8. E0781	Meyerhoeffer Chalazion Curette 1.75mm	24. E2630	Lambert Chalazion Forceps Small
9. E0782	Meyerhoeffer Chalazion Curette 2mm	25. E3320 R	Westcott Tenotomy Scissors Curved Right
10. E0783	Meyerhoeffer Chalazion Curette 2.5mm	26. E3321	Westcott Type Stitch Scissors
11. E0980	Desmarres Lid Retractor Size 0	27. E3424	Eye Scissors Straight Sharp Tips
12. E0981	Desmarres Lid Retractor Size 1	28. E3562	Stevens Tenotomy Scissors Curved
13. E0982	Desmarres Lid Retractor Size 2	29. E3828 CWO	Barraquer Needle Holder 9mm Curved Delicate
14. E1064	Jaeger Lid Plate	30. E3922	Halstead Hemostatic Mosquito Forceps Curved
15. E1400	Dressing Forceps with Serrations Delicate Straight	31. E6774	Schaedel Towel Clamp
16. E1654	Lester Fixation Forceps 1 x 2	32. E7414	Microsurgical Instrument Tray 50-60 Instruments

*Not Available in Canada

Instrument Sets BY PROCEDURE

MIDDLE EAR (1 OF 2)



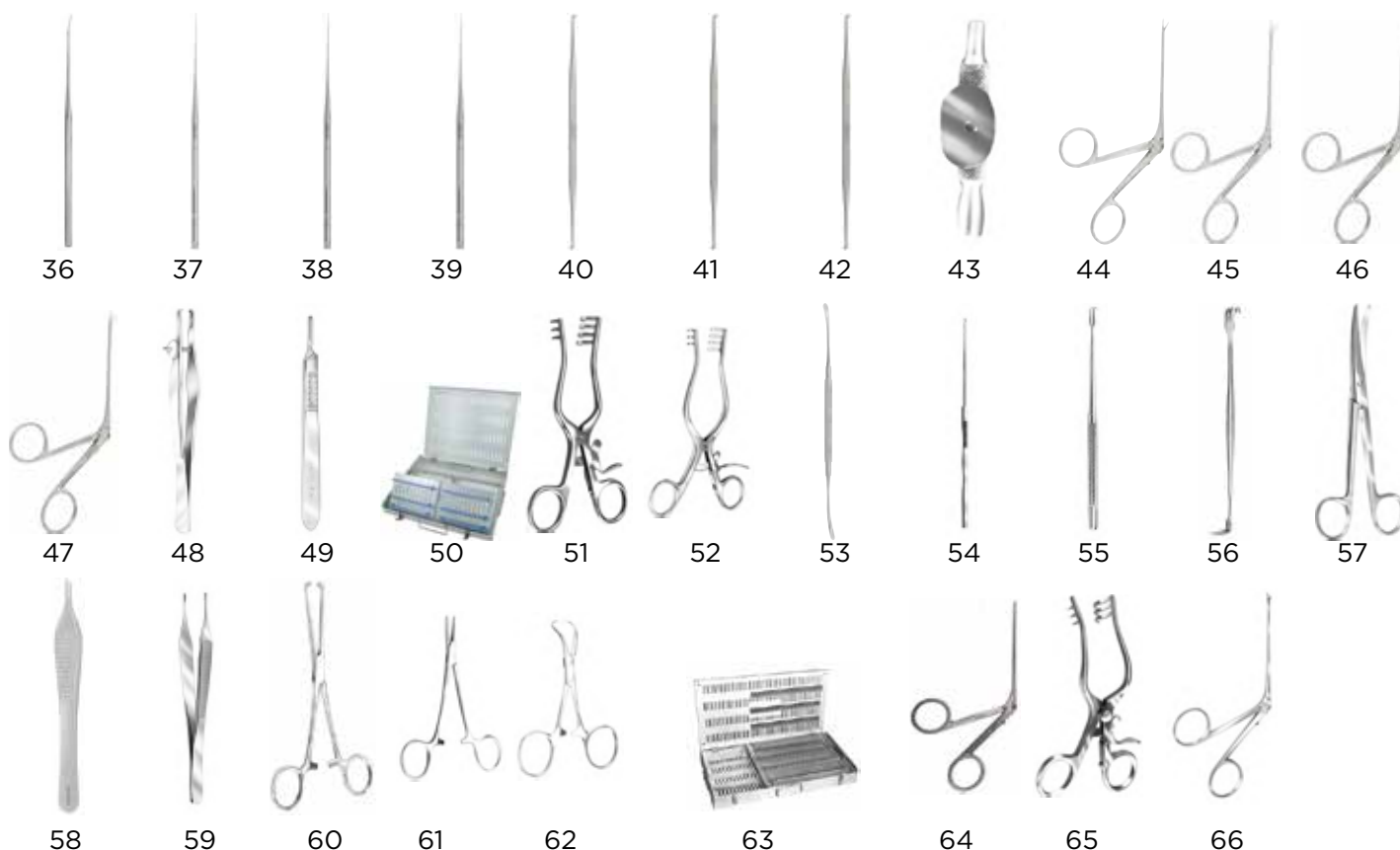
Catalog #	Description
1. E3922	Halstead Hemostatic Mosquito Forceps Curved
2. N0226 2-4	Farrior Speculum Original Model Round #2-4
3. N0410 1	Billeau Ear Loop Small
4. N0410 2	Billeau Ear Loop Medium
5. N0608	Baron Suction Tube 3FR
6. N0610*	Baron Suction Tube 5FR
7. N0613	Baron Suction Tube 7FR
8. N0900	Lucae Ear Dressing Forceps Delicate
9. N1412	Plastic Scissors
10. N1420*	Lahey Scissors
11. N1699 V	Shea Speculum Holder
12. N1705 01*	House Needle Curved
13. N1705 02D	House Needle Dulled
14. N1705 17	Sheehy-House Knife- Curette 2.5mm
15. N1705 21*	House Needle Curved 3mm
16. N1705 30	House Footplate Chisel
17. N1705 55	House Hough Excavator
18. N1705 60	House Strut Forceps

Catalog #	Description
19. N1705 63	House Wire Strut Guide
20. N1705 70B	House Strut Caliper 4mm
21. N1705 70C	House Strut Caliper 4.5mm
22. N1705 70D	House Strut Caliper 5mm
23. N1705 75C	William House Suction-Irrigator 2.5 x 4FR
24. N1705 76A	William House Suction-Irrigator 4 x 5FR
25. N1705 76A5	William House Suction-Irrigator 5 x 7FR
26. N1705 77A	William House Suction-Irrigator 7 x 10FR
27. N1705 77B	William House Suction-Irrigator 8 x 12FR
28. N1705 79	House Barbara Pick
29. N1705 79H	House Obtuse Pick
30. N1705 82F	House Oval Window Pick 90° 0.33mm Fine
31. N1705 82M	House Oval Window Pick 90° 0.33 Medium
32. N1705 82MS	House Strut Pick 0.5mm
33. N1705 82S	House Strut Pick 0.66mm
34. N1705 91	Sheehy Fascia Press
35. N1705 93	House Cutting Block

*Not Available in Canada

Instrument Sets BY PROCEDURE

MIDDLE EAR (2 OF 2)

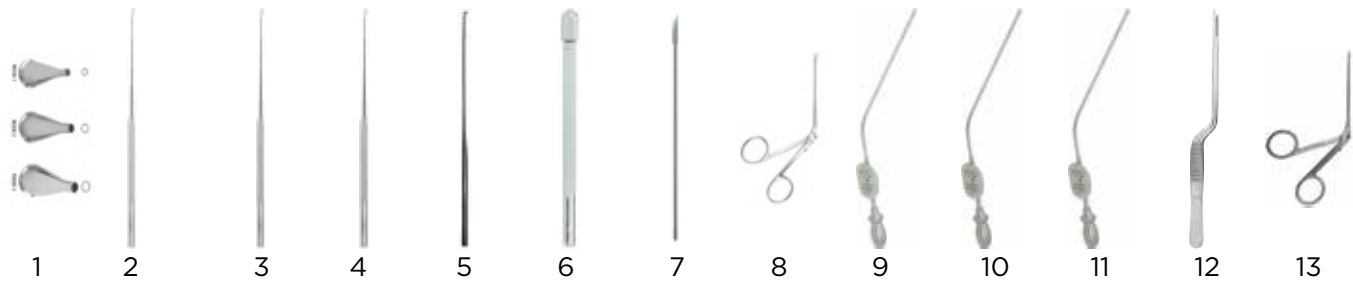


Catalog #	Description	Catalog #	Description
36. N1705 D	House Elevator 1mm	52. N1822	Weitlaner Mastoid Retractor 80mm
37. N1705 G	House Lancet Knife	53. N2348	Freer Septum Elevator 4.5mm
38. N1705 G3	House Incudostapedial Joint Knife Angled 60°	54. N4720	Joseph Single Hook
39. N1705 H	House Sickle Knife	55. N4730	Joseph Double Hook 10mm
40. N1705 I	House Curette Angled	56. N4780	Senn-Kanavel Retractor
41. N1705 J	House Curette Angled 35°	57. N5235	Mayo Scissors 58mm Straight
42. N1705 K	House Stapes Curette	58. N5398	Adson Tissue Forceps 1 x 2 Extra Delicate
43. N1705 O	House Cutoff Adapter	59. N5420	Brown-Adson Tissue Forceps
44. N1705 P	House Alligator and Crimper Forceps	60. N5600	Allis Forceps 3mm
45. N1705 QH	House-Bellucci Alligator Scissors Straight	61. N5712	Webster Needle Holder 19mm
46. N1705 QHL	House-Bellucci Alligator Scissors Curved Left	62. N7203	Backhaus Towel Forceps
47. N1705 QHR	House-Bellucci Alligator Scissors Curved Right	63. PRS4185*	Surgical Instrument Tray Large
48. N1705150	Sheehy Ossicle Holding Clamp	64. X0240	Ear Forceps
49. N1710	Bard-Parker Handle No. 3	65. X0300	Wullstein-Weitlaner Retractor
50. N1807*	Middle Ear Pick/Hook Tray	66. X0568	House-Dieters Malleus Nipper 2mm
51. N1820	Weitlaner Mastoid Retractor 45mm		

*Not Available in Canada

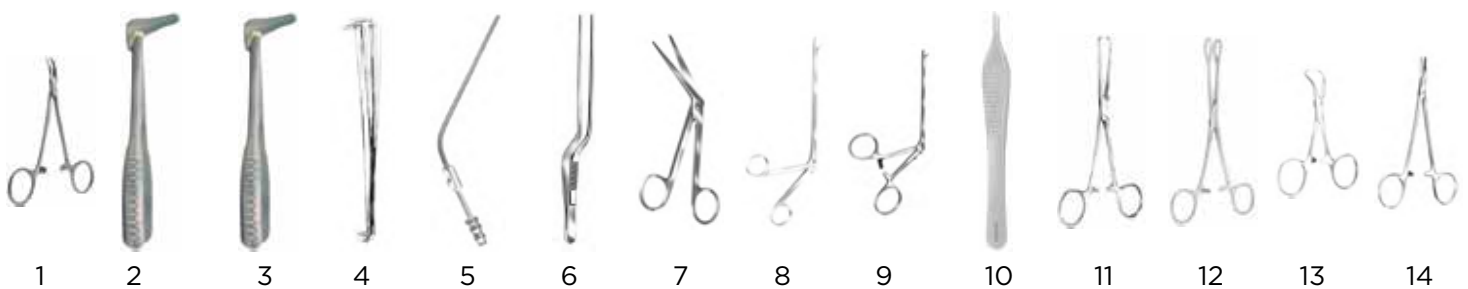
Instrument Sets BY PROCEDURE

MYRINGOTOMY



Catalog #	Description	Catalog #	Description
1. N0256 1-3	Gruber Speculum Oval Light Short #1-3	8. N0551	Leivers Vent Tube Introducer Forceps
2. N0400 0	Buck Ear Curette 1.5mm	9. N0608	Baron Suction Tube 3FR
3. N0400 1	Buck Ear Curette 2mm	10. N0610*	Baron Suction Tube 5FR
4. N0400 2	Buck Ear Curette 2.5mm	11. N0613	Baron Suction Tube 7FR
5. N0470 2	Day Ear Hook 2mm	12. N0900	Lucae Ear Dressing Forceps Delicate
6. N0521	Ear Knife Handle	13. X0240	Ear Forceps
7. N0522	Disposable Blades		

NASAL POLYP

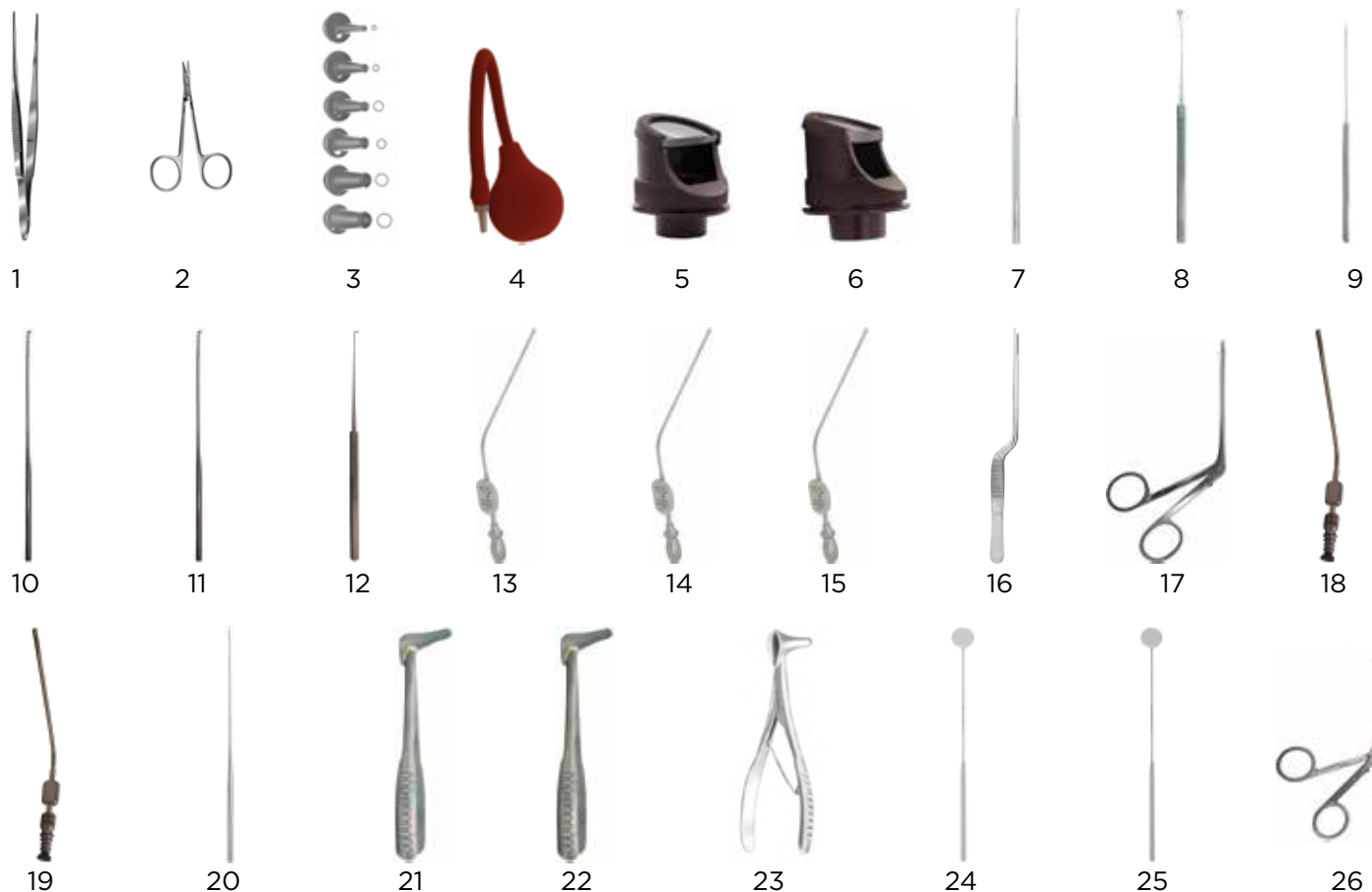


Catalog #	Description	Catalog #	Description
1. E3922	Halstead Hemostatic Mosquito Forceps Curved	8. N2995	Takahashi Nasal Forceps 2.5mm
2. N2105	Nasal Speculum Modified No. 1	9. N3390*	Sofferman Needle Holder
3. N2106	Nasal Speculum Modified No. 2	10. N5400	Adson Tissue Forceps 1 x 2 Delicate
4. N2398 5	Nasal Snare Wire Size 5	11. N5605*	Allis Forceps 5mm
5. N2421	Frazier Suction Tube	12. N7170	Ballenger Sponge Forceps Straight
6. N2862	Gruenwald Nasal Dressing Forceps	13. N7203	Backhaus Towel Forceps
7. N2886	Knight Nasal Scissors Medium	14. P0430	Crile-Wood Needle Holder 14mm

*Not Available in Canada

Instrument Sets BY PROCEDURE

OFFICE INSTRUMENTS



Catalog #	Description
1. E1404	Dressing Forceps with Serrations Heavy Straight
2. E3595 I	Reeh Stitch Scissors
3. N0310 00BL-4BL	Round Speculum Set
4. N0312 S	Rubber Bulb
5. N0314*	Bruening Diagnostic Head Magnifying
6. N0320*	Work-Bruening Diagnostic Head
7. N0400 00-3	Buck Ear Cures
8. N0405 1-2	Shapleigh Ear Cures
9. N0410 1-2	Billeau Ear Loops
10. N0470 2	Day Ear Hook 2mm
11. N0470 3	Day Ear Hook 2.5mm
12. N0475	Lillie Ear Hook
13. N0608	Baron Suction Tube 3FR

Catalog #	Description
14. N0610*	Baron Suction Tube 5FR
15. N0613	Baron Suction Tube 7FR
16. N0900	Lucae Ear Dressing Forceps Delicate
17. N0950	Noyes Ear Forceps 6mm
18. N1379*	Ferguson-Frazier Suction Tube 9FR Short
19. N1382*	Ferguson-Frazier Suction Tube 12FR Short
20. N2001 A	Farrell Applicator 16mm Triangular
21. N2105	Nasal Speculum Modified No. 1
22. N2106	Nasal Speculum Modified No. 2
23. N2108	Nasal Speculum Infant
24. N7700 3	Laryngeal Mirror with Handle 20mm
25. N7700 5	Laryngeal Mirror with Handle 25mm
26. X0239*	House Miniature Forceps 5mm

*Not Available in Canada

Instrument Sets BY PROCEDURE

PUTTERMAN INSTRUMENTS FOR OCULOPLASTIC SURGERY



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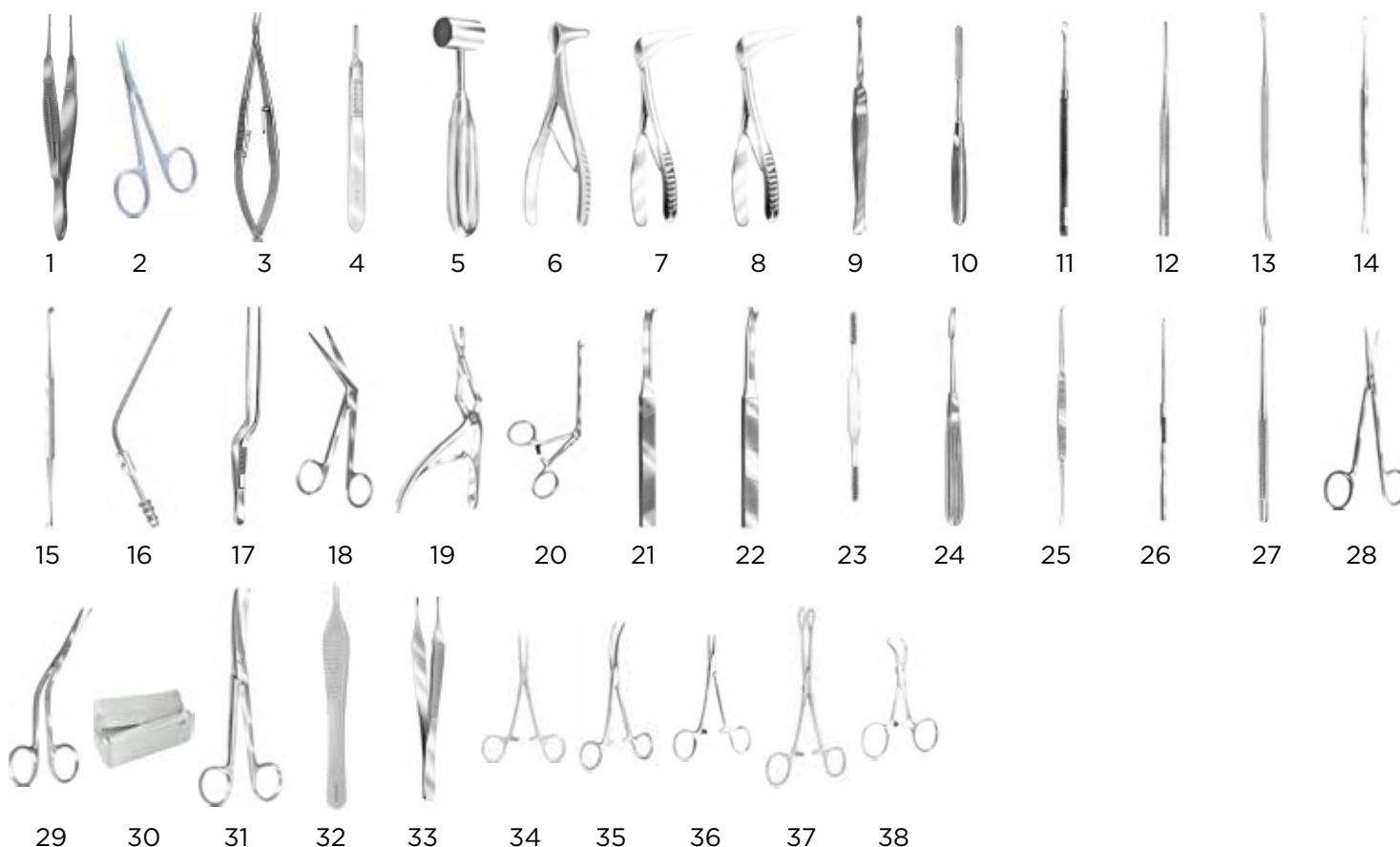
Catalog #	Description
1. E2506	Putterman Eyelid Creaser
2. E2508	Putterman Mullers Muscle Conjunctival Resection Ptosis Clamp

Catalog #	Description
3. E2509*	Putterman Levator Resection Clamp
4. E2510*	Putterman Gladstone Transmarginal Clamp
5. E4270*	Putterman Consecutive CDCR Set

*Not Available in Canada

Instrument Sets BY PROCEDURE

RHINOPLASTY & SUBMUCOUS RESECTION



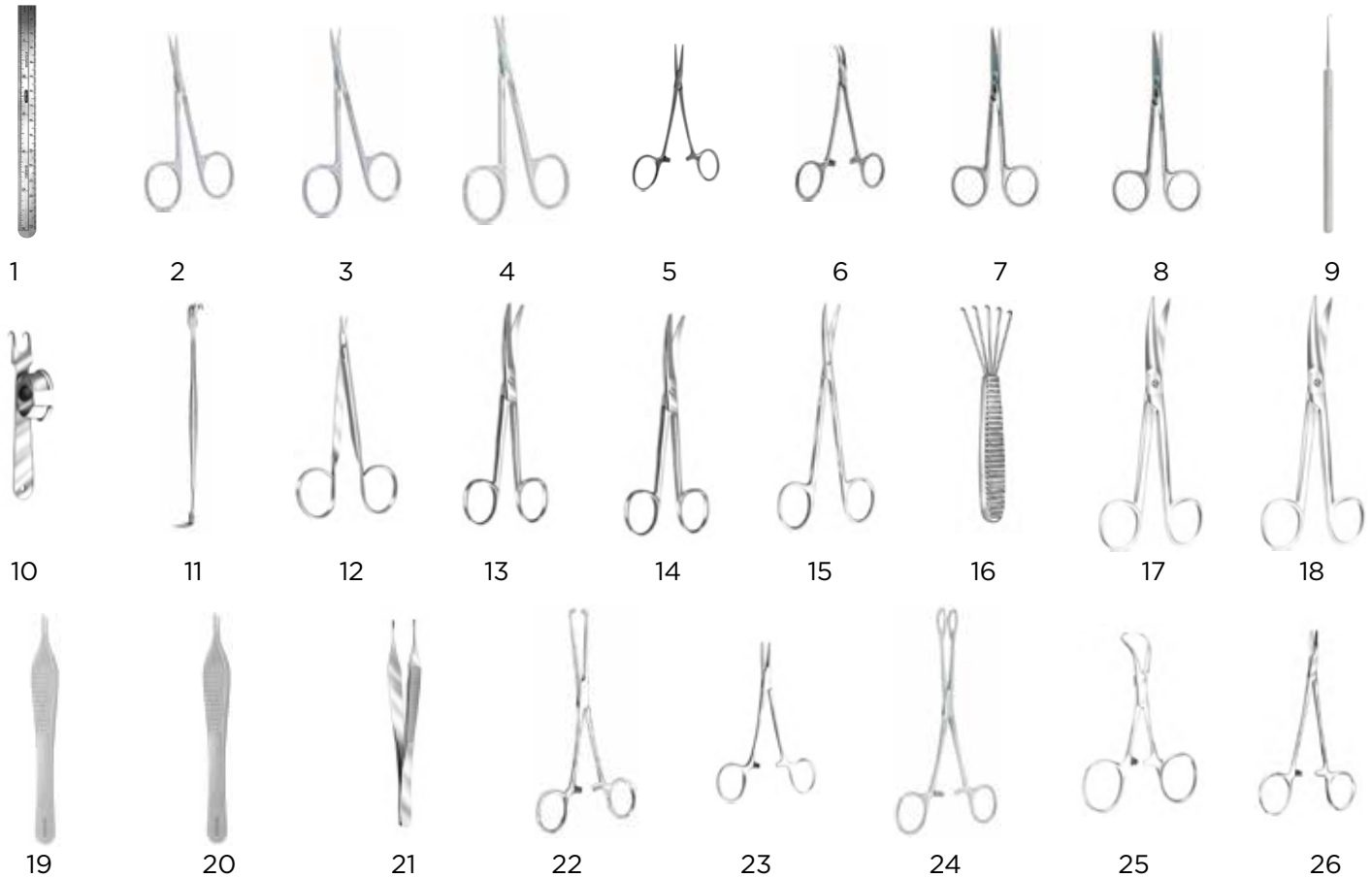
Catalog #	Description
1. E1798 US	Castroviejo Suturing Forceps 0.5mm
2. E3592 I	Stitch Scissors Original
3. E3848	Castroviejo Needle Holder 11mm Curved Medium Locking
4. N1710	Bard-Parker Handle No. 3
5. N1782	Lead Filled Mallet
6. N2101	Nasal Speculum No. 1
7. N2181	Septum Speculum 50mm
8. N2183	Septum Speculum 76mm
9. N2252	Freer Septum Knife
10. N2264	Ballenger Swivel Knife 4mm Straight
11. N2290	Freer Chisel
12. N2304	Ballenger Chisel 4mm
13. N2348	Freer Septum Elevator 4.5mm
14. N2358	Hajek-Ballenger Elevator
15. N2362	Pierce Elevator
16. N2421	Frazier Suction Tube
17. N2862	Gruenwald Nasal Dressing Forceps
18. N2886	Knight Nasal Scissors Medium
19. N3076	Jansen-Middleton Septum Forceps Small

Catalog #	Description
20. N3390*	Sofferman Needle Holder
21. N4376	Silver Osteotome Right
22. N4377	Silver Osteotome Left
23. N4556	Fomon Rasp Coarse
24. N4610	Joseph Periosteal Elevator
25. N4660	Cottle Septum Elevator
26. N4720	Joseph Single Hook
27. N4730	Joseph Double Hook 10mm
28. N5012	Joseph Scissors Straight 40mm
29. N5058	Foman Dorsal Scissors
30. N5175	Cartilage Crusher
31. N5230	Mayo Scissors 52mm Straight
32. N5400	Adson Tissue Forceps 1 x 2 Delicate
33. N5420	Brown-Adson Tissue Forceps
34. N5510	Kelly Hemostatic Forceps Straight
35. N5541*	Rochester-Pean Hemostatic Forceps
36. N5712	Webster Needle Holder 19mm
37. N7170	Ballenger Sponge Forceps Straight
38. N7203	Backhaus Towel Forceps

*Not Available in Canada

Instrument Sets BY PROCEDURE

RHYTIDECTOMY



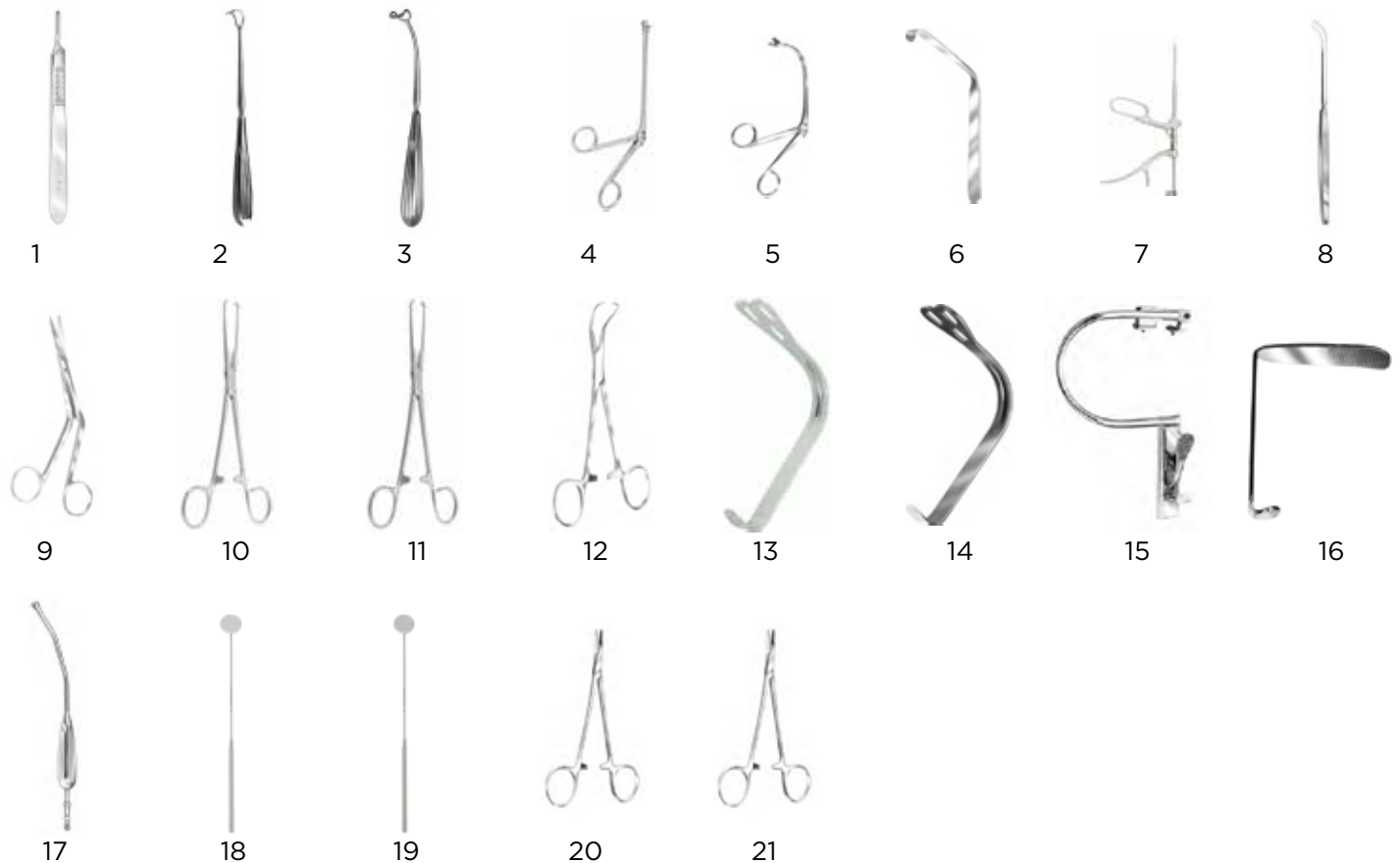
Catalog #	Description
1. E2420	Stainless Steel Flexible Ruler
2. E3400 I	Iris Scissors 25mm Pointed Straight
3. E3402 I	Iris Scissors 25mm Pointed Curved
4. E3550 I	Stevens Tenotomy Scissors Heavy Straight
5. E3920	Halstead Hemostatic Mosquito Forceps Straight
6. E3922	Halstead Hemostatic Mosquito Forceps Curved
7. N1410	Plastic Scissors
8. N1412	Plastic Scissors
9. N4700	Single Skin Hook
10. N4742	Millard Double Hook
11. N4780	Senn-Kanavel Retractor
12. N5005	Stitch Removal Scissors
13. N5075	Brown Dissecting Scissors Straight

Catalog #	Description
14. N5076*	Brown Dissecting Scissors Curved 48mm
15. N5104	Metzenbaum Scissors
16. N5152	Friedman Rake Retractor
17. N5226*	Kaye Face Lift Scissors
18. N5228	Kaye Face Lift Scissors Long
19. N5400	Adson Tissue Forceps 1 x 2 Delicate
20. N5405	Adson Tissue Forceps 1 x 2 Extra Long
21. N5420	Brown-Adson Tissue Forceps
22. N5600	Allis Forceps 3mm
23. N5712	Webster Needle Holder 19mm
24. N7170	Ballenger Sponge Forceps Straight
25. N7203	Backhaus Towel Forceps
26. P0430	Crile-Wood Needle Holder 14mm

*Not Available in Canada

Instrument Sets BY PROCEDURE

TONSIL & ADENOID

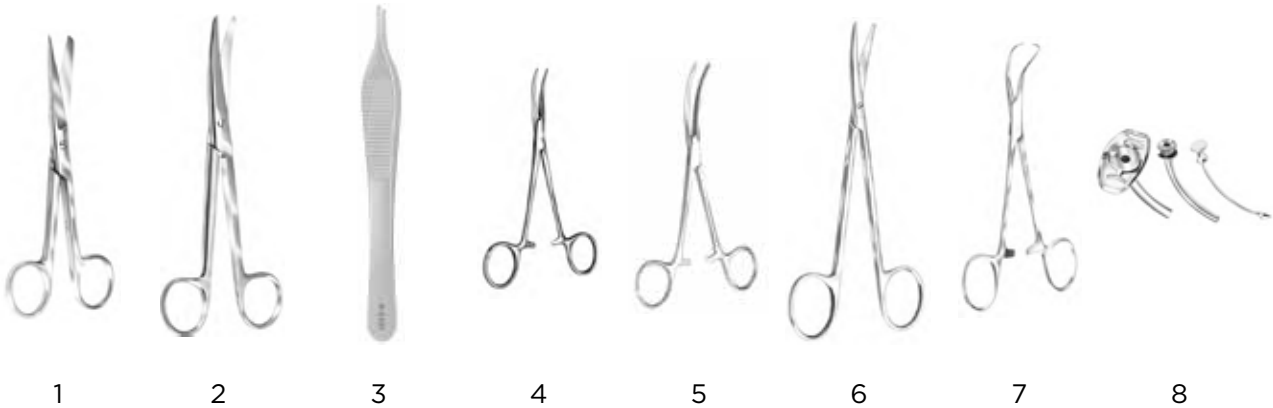


Catalog #	Description
1. N1710	Bard-Parker Handle No. 3
2. N6000 0-4*	Barnhill Adenoid Curettes
3. N6010 0-3*	Reverse Curve Adenoid Curettes
4. N6172	Meltzer Adenoid Punch Forceps No. 2
5. N6179	King Adenoid Punch Forceps
6. N6220	Goodyear Uvula Retractor
7. N6300	Sage Tonsil Snare
8. N6670	Fischer Tonsil Knife and Dissector
9. N6950	Lakeside Nasal Scissors
10. N7010	Allis-Coakley Tonsil Forceps 5mm Straight
11. N7012	Allis-Coakley Tonsil Forceps 5mm Curved

Catalog #	Description
12. N7205	Backhaus Towel Forceps No Stops
13. N7330	Weeder Tongue Depressor Child
14. N7332	Weeder Tongue Depressor Adult
15. N7450	Davis Mouth Gag Right
16. N7460*	Davis Blade No. 4
17. N7550	Yankauer Tonsil Suction Tube
18. N7700 3	Laryngeal Mirror with Handle 20mm
19. N7700 5	Laryngeal Mirror with Handle 25mm
20. P0430	Crile-Wood Needle Holder 14mm
21. P0435	Crile-Wood Needle Holder 15mm

*Not Available in Canada

TRACHEOTOMY



	Catalog #	Description
1.	N5201	Operating Scissors
2.	N5231	Mayo Scissors 52mm Curved
3.	N5401	Adson Tissue Forceps 2 x 3
4.	N5520	Crile Hemostatic Forceps Straight

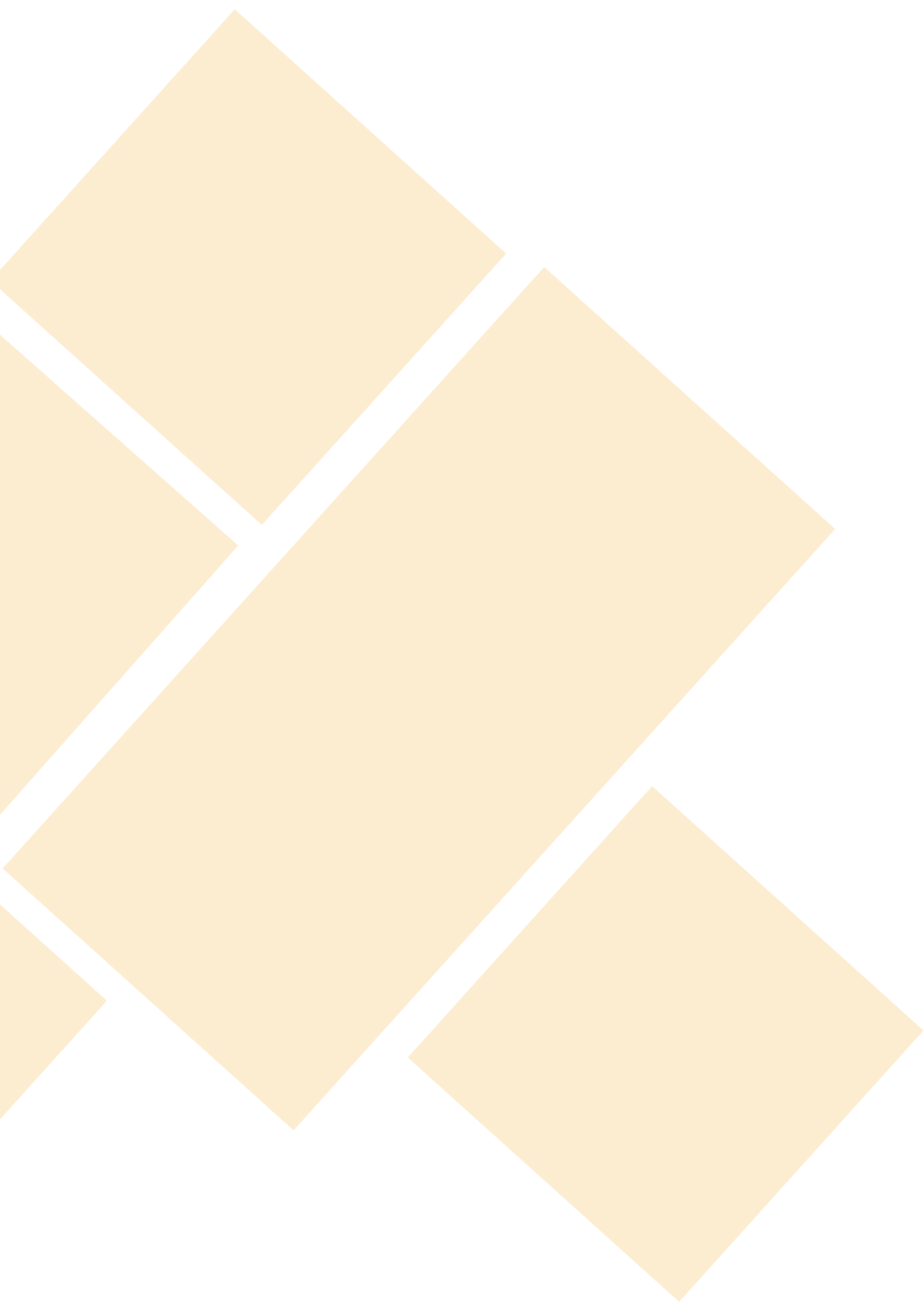
	Catalog #	Description
5.	N5541*	Rochester-Pean Hemostatic Forceps
6.	N6930	Metzenbaum Tonsil Scissors
7.	N7205	Backhaus Towel Forceps No Stops
8.	N8034 R6*	Jackson Trachea Tube

*Not Available in Canada

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