Ophthalmic Instruments Catalogue



More than
40 Years in
Ophthalmology

QUALITY | SERVICE | INTEGRITY

APPASAMY ASSOCIATES
Empowering Vision*

Most illustrations of this catalogue are nearly equal to the actual size of the product. Enlarged illustrations are used to display essential details and for easy perception.

Unless otherwise stated, surgical instruments are made of certified Stainless Steel and Titanium/Alloy raw materials.

Due to continuous developments and improvements, the given specifications, the products' design and construction are subject to change without any notice.

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RD-SI/CAT/Rev 05. 2023

To Our Valued Customers

We are delighted to present you our new catalogue, concise and covers almost all the products from our stable.

Our goal in presenting this new catalogue is to provide you with an easy reference of our exhaustive range of ophthalmic diagnostic equipments, surgical systems, laser systems, different types of microscopes for micro surgery, intraocular lenses (rigid and foldable), both disposable and re-usable surgical instruments, ophthalmic viscoelastic devices and ophthalmic pharmaceuticals.

We constantly upgrade the quality of our products and thank you for bringing your ideas so that we can help you making that idea into a reality.

We always strive to serve you the best and make things easier for you. We are proud of our products produced by us and the service we provide. With over 45 years in business, I take pride to offer you, “our valued customers”, our products with quality, combines with the best possible after sales services, with integrity and honesty.

On behalf of our partners and employees, everyone here at Appasamy Group of companies, we thank you for being our valued customer and supporting us all the way. We look forward to serve with gratitude.

Sincerely,



P. S. N. Appasamy,
Chairman



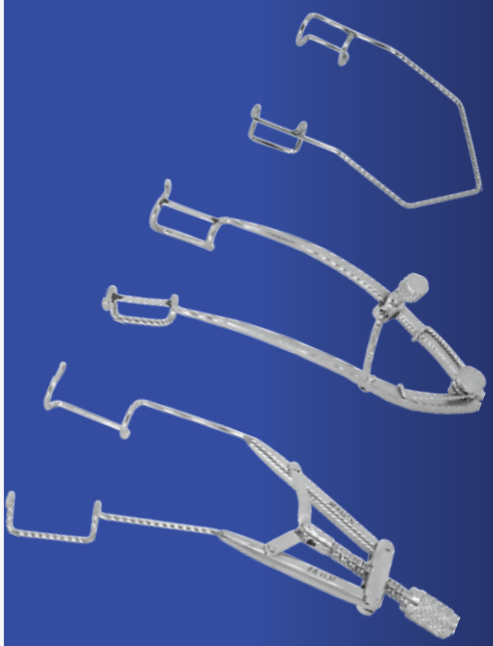
Established in 1978, Appasamy Associates Private Limited has grown to become the leading manufacturers of ophthalmic products in India. We manufacture almost all the products for your day to day needs that include ophthalmic diagnostic equipments and surgical systems, ophthalmic lasers, intraocular lenses, surgical instruments and pharmaceuticals.

Over four decades of sincere dedication and hard work, had resulted in bringing most of the modern state-of-the-art technology into our production processes, thus helping ophthalmic surgeons and vision care professionals to buy the needed ophthalmic products at an affordable price. We are proud to have played a major role in making the Indian Ophthalmic Surgeons to achieve the CSR (Cataract Surgery Ratio) on par with developed nations. Our various diversified and dedicated R&D teams work round the clock to bring in creative state-of-the-art and innovative ophthalmic products. Appasamy Group spends almost 20% of its sales turnover into R&D to improvise the existing products and develop new innovative products.

Our manufacturing facilities are in Chennai (Tamil Nadu), Pondicherry, Kolkata (West Bengal) and Baddi (Himachal Pradesh). Our sales offices are widespread in more than 50 locations and our service centres are located throughout India by which we can reach the doorsteps of every ophthalmic surgeon practicing in India. We export to more than 140 countries and exhibit our products in all the trade and scientific exhibitions conducted by different ophthalmic associations all over the world.

QUALITY ASSURANCE

Our skilled QA professionals ensure the compliances are in place to meet the statutory and regulatory requirements. Appasamy Groups' manufacturing facilities are ISO 13485 certified by notified bodies of European Union. We also meet the required provisions of council directive MDD 93/42/EEC, as amended and directive 2007/47/EC as transposed in the national laws of the Member States. We are also preparing ourselves to meet the stringent provisions of the new Medical Devices Regulations, to be implemented from May 2020, by the member states of European Union. Most of our products are CE marked by respective notified bodies for sales in EU; some of the products are registered and listed with US FDA and some products are 510(K) approved and sold in the USA.



SPECULUMS

Wire Speculums

Eye Speculums

Irrigating Speculums

LASIK Speculums



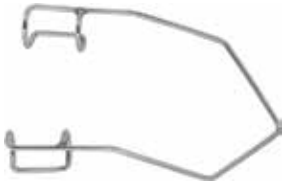
APPASAMY ASSOCIATES

Empowering Vision*

Barraquer
Wire speculum
size 5 mm blade
AA 1004 / AAT 1004 Extra small



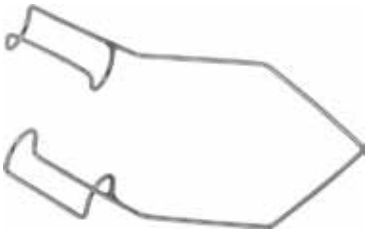
Barraquer
Wire speculum
size 8 mm blade
AA 1005 / AAT 1005 Small



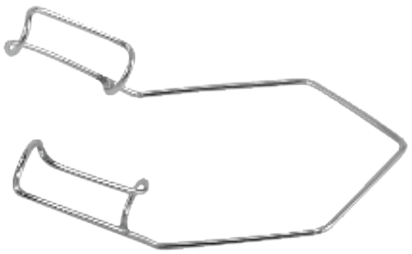
Barraquer
Wire speculum
size 12 mm blade
AA 1006



Barraquer
Nasal wire speculum
size 15 mm blade
AA 1008



Barraquer
Wire speculum
size 15 mm blade.
AA 1009 / AAT 1009 Large
AA 1010 Heavy wire, Large



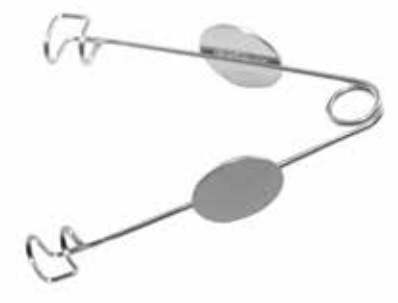
Pannu-Barraquer
Aspirating speculum
size 15 mm blade.
AA 1012



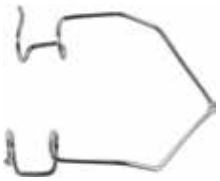
Barraquer
Wire speculum
with solid blades
size 8 mm blade
AA 1015 Small
size 13 mm blade
AA 1016 / AAT 1016 Large



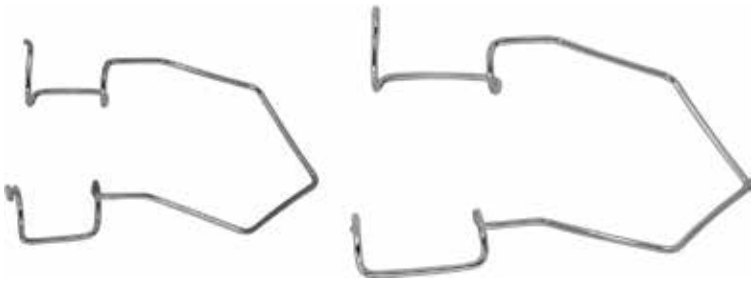
Alfonso
Wire speculum
with finger grips
size 4 mm, closed blades
AA 1018



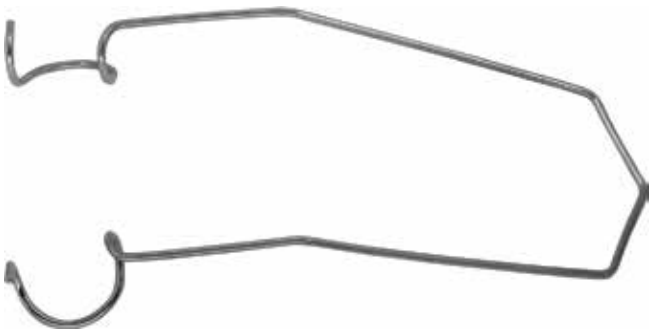
Kratz-Barraquer
Wire speculum
size 6 mm blade
AA 1019 Extra Small



Kratz-Barraquer
Wire speculum
with open blades for phaco surgery
size 10 mm blade.
AA 1020 / AAT 1020 Small
size 15 mm blade
AA 1025 / AAT 1025 Large



Kalpesh
Wire speculum
heavy wire, Large
size 14 mm blade
AA 1026



Infant
Wire speculum
size 4 mm blade
AA 1035



Infant
Wire speculum, Large
size 5.5 mm blade
AA 1037



Sauer
Lid speculum
AA 1065 for infants
AA 1070 for premature infants



Cook
Eye speculum
solid with locking screw
AA 1076 Medium #2



Murdock
Eye speculum
fenestrated with locking screw
AA 1080 Small #1
AA 1081 Medium #2
AA 1082 Large #3



Lieberman
Irrigating speculum
with six ports
for temporal approach
AA 1086 Temporal



Clark
Eye speculum
open blades
AA 1090 / AAT 1090 Small
AA 1095 Large



Williams
Eye speculum
open blades
AA 1100 Small
AA 1105 Large



Lancaster
Eye speculum
solid blades
AA 1120



Agarwal
No anesthesia
self retaining eye speculum
solid blades
AA 1125 / AAT 1125



Castroviejo
Eye speculum
open blades
AA 1140 Small #1
AA 1142 Medium #2



Fishkind - Castroviejo
Lid speculum
with open blades for
phaco surgery
AA 1144 / AAT 1144



Lieberman - Tennant
Eye speculum
open blades
for temporal placement
AA 1183 / AAT 1183
Nasal
AA 1184 / AAT 1184
Temporal



Mueller
Lacrimal sac retractor
spring action with screw lock
3 X 3 sharp prongs
AA 1185



Lieberman - Tennant
Eye
solid blades
for temporal placement
AA 1186 Nasal
AA 1187 / AAT 1187 Temporal

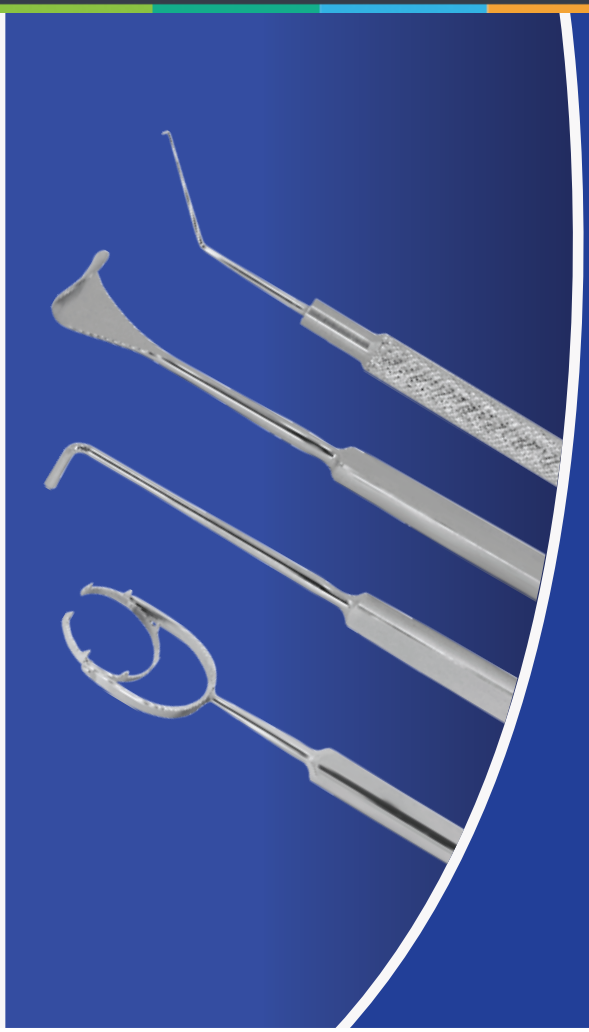


Castroviejo
LASIK speculum
AA 1195 / AAT 1195



Jerome Bovert
Reversible speculum
nasal & temporal fit
AAT 1196





- Retractors
- Fixation Rings
- Scleral Depressors
- Dissectors & Spuds
- Curettes & Spatula
- IOL Manipulators
- Nucleus Dividers
- Phaco Choppers



Stevenson
Lacrimal sac retractor
3 X 3 blunt prongs
self-retaining adjustable spread
AA 1200



Stevenson
Lacrimal sac retractor
solid blades
self-retaining adjustable spread
size 15 mm blade
AA 1205



Wright
Fascia needle
size 140 mm, sharp edge
AA 1215



Knapp
Lacrimal sac retractor
size 7 mm wide x 4 prongs
AA 1220 blunt



Knapp
Lacrimal sac retractor
size 7 mm wide x 4 prongs
AA 1225 sharp



Dastoor
Iris retractor
3.5 mm wide
AA 1250 straight



Desmarres
Lid retractor
solid blades

size 0,11 mm width
AA 1260 / AAT 1260

size 1, 12 mm width
AA 1261 / AAT 1261

size 2, 13 mm width
AA 1262 / AAT 1262

size 3, 14 mm width
AA 1263 / AAT 1263

size 4, 15 mm width
AA 1264



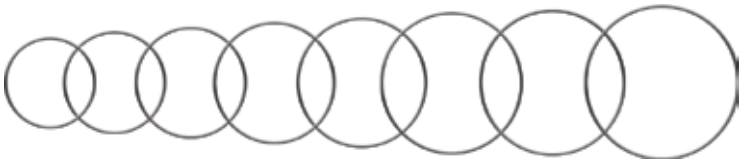
Schepens
Forked orbital retractor
AA 1270 / AAT 1270



Helveston
Tissue retractor
thin curved blade
size 7 mm wide
AA 1275
size 9 mm wide
AA 1276



Flieringa
Scleral fixation ring
AA 1280 set of 8 sizes (15-22 mm)



Schepens
Scleral depressor
with thimble
AA 1305 Medium #10



AA - Stainless Steel, AAT - Titanium

LASIK
Depressor
smoothly adheres flap to
stromal bed in pupillary area
AA 1308 / AAT 1308



Schocket
Scleral depressor
double-end with pocket clip
AA 1310 / AAT 1310



On Request

Pediatric
Scleral depressor
AA 1311



On Request

Atul's
Pediatric scleral depressor
AA 1312



Von Graefe
Cataract knife
1.5 mm X 25 mm sharp blades
AA 1340



Barraquer
Cataract knife
in sliding case
AA 1350



AA - Stainless Steel, AAT - Titanium

Paufique
Graft knife
angled tip
curved cutting edge
AA 1360



Tooke
Corneal knife
straight blade with
curved cutting edge
AA 1370 / AAT 1370



Paton
Corneal dissector
hockey stick knife
AA 1390 / AAT 1390



Dastoor
Lacrimal sac dissector,blunt
AA 1395



Lang's
Lacrimal sac dissector, sharp
AA 1397



Ellis
Foreign body spud
very thin, lightly curved
and rounded tip
AA 1400



Nicati
Foreign body spud
AA 1405 / AAT 1405



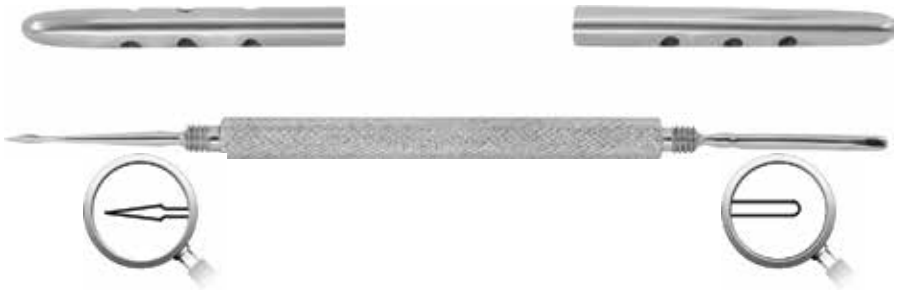
Golf Club
Foreign body spud
angled, lightly rounded tip
AA 1410



Francis
Foreign body spud
angled, flag shaped tip
AA 1415



Appa - Spud & Gouge
In reversible handle
for removing foreign bodies
AA 1420



Algerbrush
Corneal rust
ring remover
battery powered
AA 1430 complete



AA - Stainless Steel, AAT - Titanium

Sinskey II
Lens manipulating hook
blunt tip, 0.2 mm diameter
AA 1460 straight
AA 1465 / AAT 1465 angled



Mahatme
Stop & Chop
1 mm length, round handle
0.25 mm diameter blunt tip
AA 1466 angled



Sinskey
Lens manipulating hook
round handle
0.25 mm diameter blunt tip
AA 1472 / AAT 1472 angled



Toric Lens Manipulator
Allows gentle positioning of the lens haptics under the Iris plane. Tip maximizes surface contact with the lens which allows for easy manipulation. Posterior surface of the tip is micro sandblasted to achieve added surface contact.
AA 1478 / AAT 1478



Jaffe
Lens manipulating hook
blunt tip,0.15 mm diameter
angled to tip 1 mm
AA 1505



AA - Stainless Steel, AAT - Titanium

Kuglen
Iris hook
and lens manipulator
push-pull model, tip width 0.80 mm
AA 1515 / AAT 1515 angled



Lewicky
Lens manipulating hook
blunt tip, 0.15 mm diameter
angled with curved shank
AA 1530



Kratz
Lens manipulating hook
blunt tip 0.15 mm diameter
angled to tip 10 mm
AA 1535



Hessburg
Lens pusher
AA 1545 straight



Lester
Lens pusher
0.25 mm diameter tip,hourglass
shaped tip for IOL manipulation
AA 1560 angled



Lester
No hole lens manipulator
0.25 mm diameter tip,
hourglass shaped tip
for IOL manipulation
angled with curved shank
AA 1565 / AAT 1565



Bechert
Nucleus rotator
blunt forked tip
angled to tip 7 mm,
tip width 0.7 mm
AA 1590 / AAT 1590



Rana
Phaco-chopper
for cracking the nucleus and
bring the nucleus pieces in the
center of pupil
AA 1591 size 0.65 mm



Jaffe-Bechert
Nucleus rotator
blunt forked tip
angled to tip 9 mm
tip width 0.70 mm
AA 1595



Akahoshi
Nucleus ball sustainer
is a companion instrument for
Akahoshi phaco prechopper.
The delicate manipulator
is designed to engage
the nucleus equator to stabilize
it and provide counter pressure
while the prechopper forceps is
being inserted into the nucleus core
AA 1597



Akahoshi
Nucleus ring sustainer
used to hold the hard nucleus firmly
during the prechopping technique
Ring diameter is 1 mm,
angle to tip 2.5 mm
AA 1597A



AA - Stainless Steel, AAT - Titanium

Graether
Side port manipulator
AA 1599



Pisacano Hook
Nucleus rotator
flat disc shaped tip
AA 1613
horizontal



Tennant
Nucleus manipulator
ball shaped tip
AA 1620



Arul - Sinskey
Lens manipulator hook
blunt tip 0.2 mm diameter &
phaco chopper blunt ball tip
45° angled
AA 1622



Arul-Agarwal
Double End Phaco Chopper
blunt ball tip 45° angled
and fully cutting edge
Arul - 1.0 mm inner cutting edge,
0.25 mm blunt polished tip
Agarwal - 1.0 mm inner cutting edge
AA 1624



(Agarwal) **(Arul)**

Maloney
'Y' pusher & rod tip
for manipulating hard
and soft nuclic
AA 1625 / AAT 1625



AA - Stainless Steel, AAT - Titanium

Appasamy
Plain rod
11 mm angled
for Iris claw lens surgery / phackic IOL surgery
size 0.5 mm
AA 1625A / AAT 1625A



Chang Quick Chop Combo
This double end instrument features micro finger and pointed "Quick chop" tip. Micro finger tip for chopping & dividing the nucleus and "Quick chop" tip for split the nucleus
AA 1626 / AAT 1626



Arul-Bechert
Double end
phaco chopper
blunt ball tip 45° angled & 'Y' rotator
AA 1627



Agarwal-Bechert
Double end
chopper fully cutting edge & 'Y' rotator
AA 1628



Barrett Duo
Phaco chopper & manipulator
1.0 mm inner cutting edge,
polished tip 0.25 mm & 0.8 mm dia.
AA 1629



Thomas Neuhann
Iris Hook & nucleus splitter
size 0.75 mm tip &
1.0 mm inner cutting edge, 1.3 mm tip
AA 1632



AA - Stainless Steel, AAT - Titanium

Masket Phaco Spatula
Nucleus chopper & manipulator
size 1.0 mm Dia &
1.0 mm inner cutting edge, 1.35 mm tip
AA 1633



Sinskey - Drysdale
Lens manipulating hook and
nucleus manipulator
size 0.2 mm dia. & 1.5 mm tip
AA 1636



Drysdale
Nucleus manipulator
size 1.0 mm tip
AA 1636A



Barraquer
Iris spatula
round handle, smooth angled
tip width 0.25 mm dia. & 13 mm length
AA 1655 / AAT 1655
tip width 0.50 mm dia. & 13 mm length
AA 1656



Troutman - Barraquer
Iris spatula
angle to tip 15 mm length &
tip width 0.5 mm dia.
AA 1660

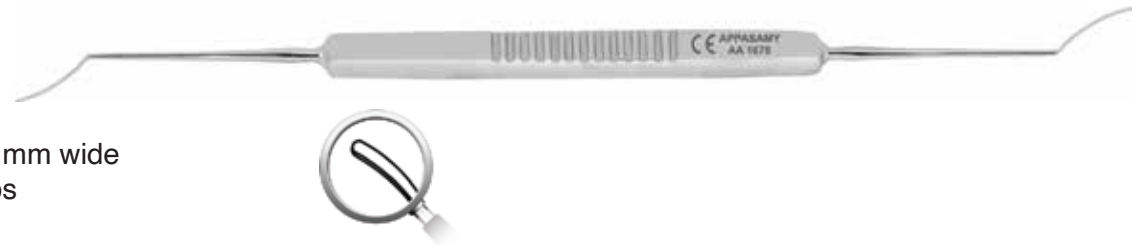


Fukasaku
LASIK spatula
for lifting and dissecting
the corneal flap
size 0.3 mm thickness, 10 mm length
AA 1665 / AAT 1665



AA - Stainless Steel, AAT - Titanium

Castroviejo
Synechiae spatula
double-ended, 0.5 mm wide
with semi-sharp tips
AA 1670



Girard
Synechiae spatula
semi-sharp tip
0.5 mm wide, angled
AA 1675



Obstbaum
Lens spatula
0.25 mm wide, angled
AA 1677



Castroviejo
Cyclodialysis spatula
double-ended
AA 1680
0.25 mm wide
AA 1682
0.50 mm wide



Slade
LASIK retreatment spatula
1.6 mm wide
AA 1683



Koman Nair
Iris spatula
double ended
smooth 1 mm wide X 10 mm long
angled and 1 mm wide X 30 mm
long gently curved shaft
AA 1685 / AAT 1685



AA - Stainless Steel, AAT - Titanium

Dastoor
Pupil and Iris repositor
AA 1695



Green
Spatula
double-ended
long handle
AA 1700



Jaeger
Lid plate
AA 1740



Trabut
Lid Plate
AA 1742



Fixation Hook
Double, sharp
AA 1810 / AAT 1810
2 X 1.5 mm Small



Thornton
Globe fixation ring
multiple teeth
16 mm diameter, 6 mm front opening
AA 1816



Shepard
Fixation ring
clear cornea incision
12 teeth, pivot swivelable,
16 mm diameter, 6 mm front opening
AA 1817 / AAT 1817



Stevens
Tenotomy hook
blunt, Small
size tip length 7.5 mm
AA 1820



Graefe
Muscle hook
AA 1825 / AAT 1825 size 1
AA 1826 / AAT 1826 size 2
AA 1827 / AAT 1827 size 3



Gass
Retinal detachment hook
with oval hole
AA 1830



Jameson
Muscle hook
AA 1835 / AAT 1835 Small
AA 1837 / AAT 1837 Large



AA - Stainless Steel, AAT - Titanium

Smith
Lens expressor
AA 1860 / AAT 1860



Kirby
Lens expressor & vectis
AA 1865



Meyerhoefer
Chalazion curette
AA 1875 / AAT 1875
size 0, 1.50 mm dia.

AA 1876 / AAT 1876
size 1, 1.75 mm dia.

AA 1877 / AAT 1877
size 2, 2.25 mm dia.

AA 1878 / AAT 1878
size 3, 3.00 mm dia.

AA 1879
size 4, 3.50 mm dia.



Bunge
Evisceration spoon
AA 1880 / AAT 1880
Small, size 8 mm dia.
AA 1881 / AAT 1881
Large, size 12 mm dia.



Mule
Evisceration scoop
AA 1885 / AAT 1885 Small
AA 1886 / AAT 1886 Large



Wells
Enucleation spoon
AA 1890 / AAT 1890 Small



AA - Stainless Steel, AAT - Titanium

Nightingale
Capsule polisher
1.75 mm dia. open ring
semi-sharp edge
AA 1911 / AAT 1911 posterior



Lewis
Lens loop
AA 1915 / AAT 1915
small, 5 mm width
AA 1915A
angled, 5 mm width
AA 1916 / AAT 1916
large, 6 mm width



Appa - Snare
Nucleus dividing snare
complete set
AA 1917 / AAT 1917
spare snare (pkd/5)
size 5 mm width, 0.2 mm thickness
AA 1918



New Orleans
Lens loop
size 3.5 mm width
AA 1920 / AAT 1920



Wilder
Lens loop
size 3.0 mm width
AA 1925 / AAT 1925 serrated



AA - Stainless Steel, AAT - Titanium

Kansas
Lens loop
3 mm wide serrated,
medium curved
for small incision
nucleus fragment removal
AA 1930 / AAT 1930



Keener-Arlt
Lens loop
3 mm wide serrated strong
curve for Small
incision nucleus
fragment removal
AA 1935 / AAT 1935



Cautery Ball Point
Stainless steel
AA 1960



Cautery Ball Point
Copper
AA 1961



Cautery Cone Type
Copper
AA 1963



Kansas
Nucleus bisector
for manual Small incision surgery
size 11.0 mm length, 1 mm thickness
AA 1965



Kansas
Nucleus trisector
for manual Small incision surgery
size 4.0 mm wide, 10.0 mm length
AA 1970 right



AA - Stainless Steel, AAT - Titanium

Kansas
Nucleus vectis solid,
used as a "cutting block" for
kansas nucleus
bisector and trisector
size 15.0 mm length, 3.0 mm wide
AA 1975 right



Chang
Microfinger phaco chopper
Curved finger-shaped tip
with defined inner edge for
horizontal chopping
size 0.3 mm tip, 2.0 mm length
AA 1988 / AAT 1988
AA 1988A
AA 1988B





Mohan Rajan
Micro combo chopper
pointed tips
vertical nucleus chopper
AA 1989 / AAT 1989 1.00 mm
AA 1989A / AAT 1989A 1.25 mm
AA 1989B / AAT 1989B 1.50 mm
AA 1989C / AAT 1989C 1.75 mm
AA 1989D / AAT 1989D 2.00 mm





Arul
Phaco chopper
1.0 mm inner cutting edge
0.25 mm blunt polished tip
AAT 1990 15° angle
AA 1991 / AAT 1991 45° angle





Agarwal
Phaco chopper
vertical nucleus chopper
fully cutting edge
AA 1993 / AAT 1993 1.00 mm
AA 1993A / AAT 1993A 1.25 mm
AA 1993B / AAT 1993B 1.50 mm



Verges
Phaco chopper
triple cutting edge
1.0 mm inner cutting edge
0.25 mm blunt polished tip
AA 1994



Appasamy
Phaco chopper & Iris retractor
2 mm cutting edge
blunt tip, 30° angle
AA 1995



Rosen
Phaco splitter
inner cutting edge & smooth blunt tip
size 0.15 mm tip, 0.35 mm dia.
AA 1996



AA - Stainless Steel, AAT - Titanium

Nagahara
Karate chopper
tip length 1.5 mm
spear shaped for ease of insertion into the nucleus
AA 2000 / AAT 2000
for left hand surgeon
AA 2000A
for right hand surgeon
AA 2000B



Steinert
Nucleus chopper
curved tip length 1.5 mm
AA 2003

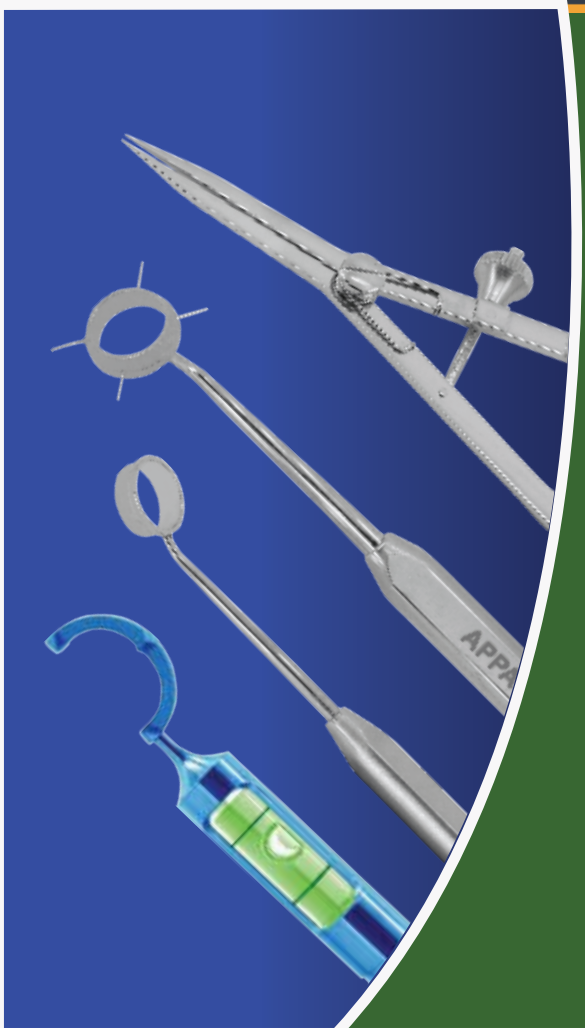


Seibel
Phaco chopper
size 1.5 mm length, 0.5 mm tip
AA 2005B right hand



Minu Mathen
Universal chopper
AA 2008 1 mm tip
AA 2008A 1.25 mm tip





- Corneal Trephines
- Calipers
- Markers
- LASEK Instruments
- LASIK Instruments
- DSEK Instruments
- Membrane Spatula



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Castroviejo
Corneal trephine
with adjustable stop



AA 2010 size 5 mm dia.
AA 2011 size 5.5 mm dia.
AA 2012 size 6 mm dia.
AA 2013 size 6.5 mm dia.
AA 2014 size 7 mm dia.
AA 2015 size 7.5 mm dia.
AA 2016 size 8 mm dia.
AA 2017 size 8.5 mm dia.
AA 2018 size 9 mm dia.
AA 2019 size 9.5 mm dia.
AA 2020 size 10 mm dia.
AA 2020A size 10.5 mm dia.
AA 2021 size 11 mm dia.
AA 2022 size 11.5 mm dia.
AA 2023 size 12 mm dia.
AA 2024 size 12.5 mm dia.

AA 2030 size 8.5 mm dia.
AA 2031 size 9 mm dia.
AA 2032 size 9.5 mm dia.





Barraquer
Keratoplasty knife
pear-shaped
AA 2035



Dastoor
Keratoplasty spatula
AA 2040



Tudor Thomas
Corneal graft stand
brass chrome plated
AA 2050



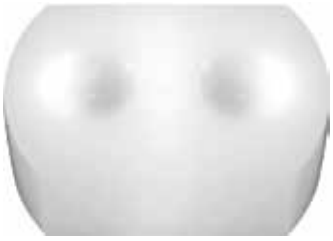
(Reduced Image Shown)

Lieberman
Corneal cutting block
with hole in the center for release of air
and fluid underneath the donor button
AA 2060 Teflon



AA - Stainless Steel, AAT - Titanium

DMEK Twin Block
Block consists of twin wells specially designed to hold the donor cornea and help surgeon in the donor tissue preparation.
AA 2062



AA 2063
Liberman corneal cutting block teflon big



On Request

Appasamy
Corneal transplant punch
this punch produces a symmetrical smooth, vertical cut when using with Appasamy trephine blade. The base of punch is provided with a cavity to hold the silicone block in the centre
AA 2065



(Reduced Image Shown)

Castroviejo
Caliper
20 mm spread
AA 2075 / AAT 2075 straight
AA 2080 / AAT 2080 curved
AA 2081 angled



Appasamy
Fixed caliper
double end
AA 2087A size 3.0 & 5.20 mm
AA 2088A size 3.5 & 4.00 mm



Appasamy
Incision gauge
for measuring the incision size during phaco surgery (0.80 mm to 3.2 mm) 0.1 mm increments, set of 24 gauges
AA 2102



AA - Stainless Steel, AAT - Titanium

Rule
Stainless steel
AA 2115



Mendez
Degree gauge
for accurate axial
alignment of corneal
incision to correct
astigmatism 12 mm I.D
AA 2140 / AAT 2140



Appasamy
Fixation ring and
degree gauge
for globe fixation and
alignment of corneal
incision 12 mm I.D,. 17.5 mm O.D
(with teeth)
handle in 90° position
for temporal approach
AA 2142





Irrigating Marker
Suitable for ICSR surgery
AA 2144



Bores
Axis marker
used with mendez degree gauge
to mark the axis in which
corneal incisions for correction of
astigmatism are to be made
AA 2145





Tunnel Zone Marker
Marking tunnel for future ring position
with initial lines for incisions
40 degree angled to handle
size 2.0 mm ring height
AAT 2146 7.2 mm
AAT 2147 8.0 mm





AA - Stainless Steel, AAT - Titanium

Appa
LASIK marker
for proper flap re-alignment
pointed for perfect placement
over pupil opening
AA 2182



Maloney
Intra-operative keratometer
for qualitative measurement
of astigmatism
size 31 mm width, 22 mm height
AA 2183 / AAT 2183



Hoffer
Optic zone marker
with extra fine cross hairs

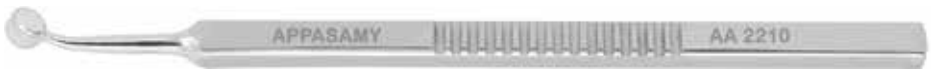


AA 2190 3.00 mm dia.
AA 2191 3.25 mm dia.
AA 2192 3.50 mm dia.
AA 2193 3.75 mm dia
AA 2194 4.00 mm dia.
AA 2195 4.25 mm dia.
AA 2195A 4.50 mm dia.
AA 2196 4.75 mm dia.

AA 2197 5.00 mm dia.
AA 2198 5.50 mm dia.
AA 2199 5.75 mm dia.
AA 2200 6.00 mm dia.
AA 2202 7.00 mm dia.
AA 2203 8.00 mm dia.



Thornton
Optic zone marker
with centering pin
very low profile



AA 2210 3.00 mm dia
AA 2211 3.25 mm dia.
AA 2213 3.50 mm dia.
AA 2213A 3.75 mm dia.
AA 2214 4.00 mm dia.

AA 2215 4.25 mm dia.
AA 2216 4.50 mm dia.
AA 2217 4.75 mm dia.
AA 2218 5.00 mm dia.



AA - Stainless Steel, AAT - Titanium

Optical Zone Marker

Used to mark visual center for ICSR implantation procedure
double ended
size total angled length 11.0 mm, tip 0.5 mm
AA 2221 / AAT 2221





Bores

Optic zone marker
AA 2230 2.75 mm dia.
AA 2231 3.00 mm dia.
AA 2232 3.25 mm dia.
AA 2233 3.50 mm dia.
AA 2234 3.75 mm dia.
AA 2235 4.00 mm dia.
AA 2236 4.25 mm dia.
AA 2237 4.50 mm dia.
AA 2238 4.75 mm dia.



AA 2239 5.00 mm dia.
AA 2241 6.00 mm dia.
AA 2245 7.00 mm dia.
AA 2246 7.50 mm dia.
AA 2249 8.00 mm dia.

Berkeley

Optic zone marker
double-end
AA 2250 3.00 & 3.25 mm dia
AA 2252 3.50 & 3.75 mm dia
AA 2254 4.00 & 3.25 mm dia
AA 2256 4.00 & 5.00 mm dia





Osher-Neumann

Radial marker
with extra fine cross hairs
AA 2260 / AAT 2260 4 blades
AA 2261 / AAT 2261 6 blades
AA 2262 / AAT 2262 8 blades
AA 2263 / AAT 2263 10 blades
AA 2264 12 blades
AA 2265 16 blades





AA - Stainless Steel, AAT - Titanium

Anis
Suture placement marker for corneal grafts, 8 radial blades with 8.0 mm centre opening
AA 2270



Capsulorhexis Marker
Central ring with non- marking posts for alignment with limbus (for 5.5 mm CCC)
AA 2283 6 mm diameter marking ring (for 5.0 mm CCC)
AA 2284 5.5 mm diameter marking ring





Henderson
Toric alignment marker with atraumatic disc-shaped marking surfaces at 3,6 & 9 0' Clock
AAT 2286



Marking Pen
Gentian violet
AA 2300 fine tip
AA 2305 broad tip



Micro Beehler Pupil Dilator
Iris Dilators curved, 20 G,
3 stretching points of pupil
AA 2352



LASEK
Epithelial detaching spatula
AA 2405



AA - Stainless Steel, AAT - Titanium

LASEK
Epithelial micro hoe
AA 2410



LASEK
Alcohol well
AA 2425 8 mm & 8.5 mm
AA 2426 9 mm & 9.5 mm



LASEK Trephine
270° semi-sharp edge,
90° cutout for flap hinge
AA 2430 8 mm & 8.5 mm
AA 2431 9 mm & 9.5 mm



ICSR Tunnel Maker
Double end
AAT 2434 small
AAT 2434A big



ICSR Tunnel Maker
Lift the cornea to insert the tunnel maker beneath the guide
AA 2432 left
AA 2433 right



LASEK Trephine & Well
270° Semi-sharp edge,
90° cutout for flap hinge
AA 2435 8 mm trephine & 8.5 mm well
AA 2436 8.5 mm trephine & 9 mm well



LASEK Trephine & Alcohol Well
AA 2437



AA - Stainless Steel, AAT - Titanium

DSEK
Glider
all regions of the outer corneal surface can be gently and smoothly "Ironed" to diminish and / or eliminate donor disk wrinkles
AA 2500



DSEK Stromal Scrubber
Easy to use and effectively roughens the inner corneal stroma within the area of descemetorhexis circle
AA 2505



DSEK
Descemet's Stripper facilitates easy removal of DM as a single disk
AA 2510



DSEK
Reverse sinskey hook
size 0.2 mm dia, 0.7 mm length
AA 2515



Elevator
for ICSR implantation
opens a small packet in intended direction of the tunnel straight
size 0.15 mm dia, 0.7 mm length
AA 2516



Suarez Spreader
Widening the small packets in both directions in a proper depth.
straight, size 0.25 mm
AA 2517



AA - Stainless Steel, AAT - Titanium

Bicalto Guide
Lift the cornea to insert the tunnel maker beneath the guide.
blunt tip, angled
size 5.5 mm length, 0.65 mm dia.
AA 2518



DSEK
Corneal dissector
double-ended
size 0.8 mm width, 14 mm length & 1.6 mm width, 11 mm length
AAT 2525



DSEK
Donor lamella shovel
it helps to prevent the folded donor lamella from sliding of during insertion
AA 2530



DMEK Rake
Blunt T-Shaped rake to help easily pull the descemet's membrane away from the stroma.
AA 2535



DMEK Large Crystal Spatula
This spatula has a smooth, rounded, olive tip extremity which is specially designed for use on the donor. Descemet's membrane within the recipient anterior chamber. It facilitates unrolling of the donor DM.
AA 2540



DMEK Small Crystal Spatula
Overall length: 115 mm
angle to tip length: 10 mm
tip diameter: 0.3 mm
AA 2545



AA - Stainless Steel, AAT - Titanium

Dexatome DMEK/DSAEK Spatula
Single instrument allows for both descemetorhexis and descemet's membrane detachment and subsequent removal. unique multi-curve design facilitates complete scoring of descemet's membrane 360° without exiting the anterior chamber.
AA 2550



DALK
Corneal dissector
12 mm long flattened vaulted spatula with beveled tip
AA 2555



Rosenwasser DALK
Trisector
triangular spatula with chisel shaped tip, angled 45 degree at 10mm from bend to tip, size 0.2mm
AA 2560



Bonfadini DALK Spatula
1 mm wide, 8 mm long, flattened spatula with central groove for bisecting stroma
AA 2565 / AAT 2565



AA - Stainless Steel, AAT - Titanium

Behler
LASIK enhancement hook
AA 2600



Seibel
LASIK flap lifter
& spatula
double-ended
AA 2605



Hardten
LASIK flap lifter
& spatula
double-ended
AA 2610



LASIK Flap
Protector
& spatula
AA 2615



LASIK Flap Protector Blades
Angled 45° for retracting and
protecting superiorly hinged
corneal flaps.
AA 2620



AA - Stainless Steel, AAT - Titanium



LASIK Flap Protector Blades
Angled 15° for retracting and protecting superiorly hinged corneal flaps
AA 2625



Thorlakson
LASIK flap lifter combines a modified sinskey hook and a bi-convex spatula with beveled notches
AA 2650



Lid Glide
AA 2655



LRI Slit Lamp Gravity Marker
Pre-op reference marker designed for limbal relaxing incisions and Toric IOL implantation to mark precision horizontal axis at the slit lamp at 3 and 9 0' clock
AAT 2800





Whitehouse Gravity Axis Marker II
Pre-op reference marker modified whitehouse gravity marker with reduced diameters straight
AAT 2805

AA - Stainless Steel, AAT - Titanium

Toric IOL Combo Marker
Pre-op marker to mark the axis while the patient is in sitting position at the slit lamp reduces cyclotorsion effect in supine position.
AAT 2815



LRI Marker
Intra-op LRI/Toric marker automatically creates marks for 6 & 8 mm chord length of limbal relaxing incision.
AAT 2820



LRI Marker
Intra-op LRI/Toric marker automatically creates marks at 40-60-80 degrees of limbal relaxing incision.
AAT 2825



Appa - Lane
Pro-Op Toric Reference Marker
With bubble level
intra-op LRI/Toric marker automatically creates marks at 40-60-80 degrees of limbal relaxing incision. for both eyes
AAT 2830



LRI Axis Marker
Pre-op reference marker designed for limbal relaxing incision to mark precision horizontal axis at the slit lamp
AAT 2840



AA - Stainless Steel, AAT - Titanium

AAT 2850
Nichamin Lri
Degree Gauge



Appa-Lane
Pre Op Toric Reference Marker
Marking pattern in located on both sides for making the left & right eye temporarily marking plates are curved to conform to the curvature of the eye for more even and clear marks
marks at 3 and 9 O' clock
AAT 2860



Yeoh Thin Toric Gauge
Marking are show at every 5° with 4 slots at 0°, 90°, 180° and 270°. Slots at 0° and 180° are at the inner ring and slots at 90° and 270° are at the outer ring. The surgeon can insert a marking pen tip in the slot for marking.
AAT 2865



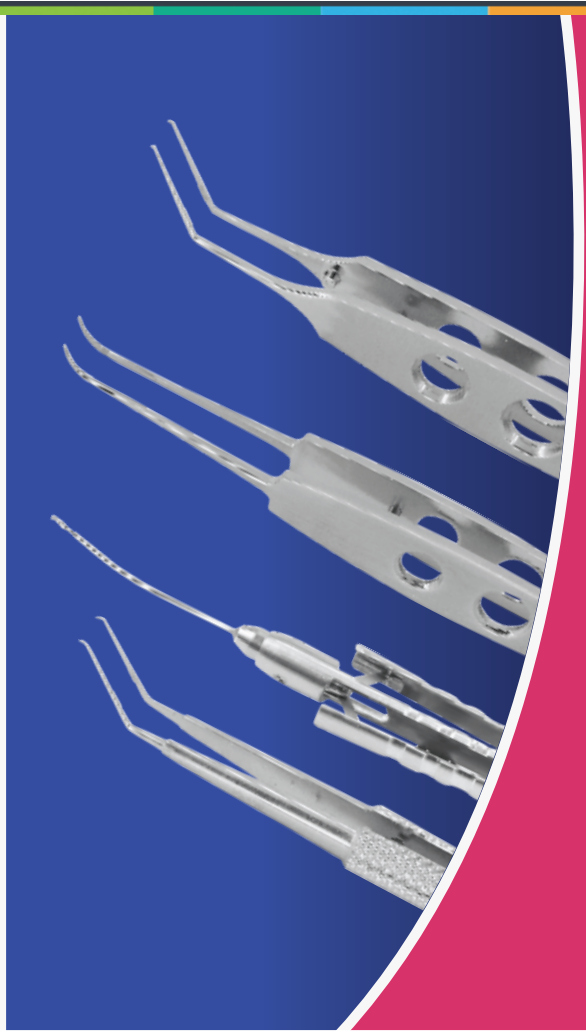
Appa Two Blades Axis Marker
Single side open view. Marking plates are curved to conform to the curvature of the eye for more even and clear marks.
Marks at 3, 6, and 9 O' clock
AAT 2875



Agarwal Glued IOL Marker
Marks exactly 180° apart, for making the square scleral flaps size 3.0 mm wide
AAT 2890



AA - Stainless Steel, AAT - Titanium



- Colibri Forceps
- Hoskin Forceps
- Corneal Forceps
- Suturing Forceps
- Fixation & Superior Rectus Forceps
- Conjunctiva Forceps
- Muscle Forceps
- Chalazion Forceps
- Foldable IOL Forceps & Lens Cutter
- Tying Forceps
- Capsulorhexis Forceps
- Jewelers Forceps
- Pre Choppers
- Artery Forceps
- Vitreo Retinal Forceps



APPASAMY ASSOCIATES
Empowering Vision*

Hess
Iris Forceps
standard model
1x2 teeth
AA 3025 / AAT 3025



Barraquer Colibri
Forceps, very delicate
1 x 2 teeth, 0.12 mm
with tying platform
AA 3030 / AAT 3030
without tying platform
AA 3031



Colibri
Forceps
0.4 mm, 1 x 2 teeth
with tying platform
AA 3035 / AAT 3035



Gill-Colibri
Forceps
very fine, pointed tips
AA 3040



Harms-Colibri
Suturing forceps
very delicate
1 x 2 teeth, 0.12 mm
with tying platform
AA 3045



Pierse
Corneal forceps
0.1 mm 1X1 pierse type teeth
straight
AA 3060



AA - Stainless Steel, AAT - Titanium

Pierse Type
Micro forceps
straight, long handle
1.5mm dia. drill
AA 3065 0.25 mm tip
AA 3070 0.35 mm tip
AA 3075 0.50 mm tip



Pierse Type
Micro forceps, curved
0.35 mm dia. drill
AA 3080 0.15 mm tip



Pierse Type
Micro forceps
straight skeleton fine
0.35 mm dia. drill
AA 3090 / AAT 3090 0.15 mm tip
AA 3095 / AAT 3095 0.20 mm tip
0.8 mm dia. drill
AA 3100 0.35 mm tip



Pierse Type
Fine colibri beaked forceps
0.25 mm dia. drill
AA 3110 0.25 mm tip
AA 3115 / AAT 3115 0.30 mm tip
with tying platform
AA 3120 / AAT 3120 0.30 mm tip



Castroviejo
Colibri forceps
very delicate,
1 x 2 teeth, 0.12 mm
AA 3125



Pierse type forceps
Lims type
21 0.5 mm tip
AA 3144 / AAT 3144



AA - Stainless Steel, AAT - Titanium

Lims
Corneoscleral forceps
with tying platform
1 x 2 teeth 0.12 mm
AA 3145 / AAT 3145



McPherson
Corneal forceps
1 x 2 teeth
0.4 mm with tying platform
AA 3150 / AAT 3150 straight
AA 3155 / AAT 3155 angled



Kelman - McPherson
Corneal forceps
7.5 mm long angled jaws,
1 x 2 teeth, 0.3 mm
AA 3160



Hoffer - McPherson
Corneal forceps
very delicate
11 mm long angled jaws
1 x 2 teeth, 0.12 mm
AA 3165



Bonn
Corneal forceps
with tying platform
1 x 2 teeth, 0.12 mm
AA 3170 / AAT 3170 long model
AA 3175 / AAT 3175 short model



Castroviejo
Suturing forceps
1 x 2 teeth, with tying platform
AA 3180 / AAT 3180 0.12 mm
AA 3185 0.30 mm
AA 3190 0.50 mm
AA 3195 0.90 mm



AA - Stainless Steel, AAT - Titanium

Castroviejo
Suturing forceps
1 x 2 teeth, with tying platform
0.5 mm, 7.5 mm angled
AA 3220



Bishop-Harmon
Tissue forceps
1 x 2 teeth
extra delicate 0.4 mm
AA 3250 / AAT 3250
delicate 0.8 mm
AA 3255 / AAT 3255



Bishop-Harmon
Dressing forceps
criss - cross serrated tips
AA 3260



St.Martin
Suturing forceps
1 x 2 teeth
size 0.45 mm
AA 3275 / AAT 3275



Snider-Castroviejo
Suturing forceps
1 x 2 teeth
0.12 mm with tying platform
AA 3280



Fixation
Forceps
1 x 2 teeth
AA 3300 / AAT 3300



Adson
Fixation forceps
1 x 2 teeth, standard
AA 3301



AA - Stainless Steel, AAT - Titanium

Elschnig
Fixation forceps
1 x 2 teeth, angled
AA 3305



Fixation
Forceps
2 x 3 teeth, angular
AA 3310 / AAT 3310



Graefe
Fixation forceps
4.5 mm wide jaws
AA 3315 with catch



Green
Fixation forceps
multiple teeth
AA 3325 10 mm wide jaws



Lester
Fixation forceps
straight
AA 3330 1 x 2 teeth



Dastoor
Superior rectus forceps
1 x 2 teeth
AA 3340 / AAT 3340



Moody
Fixation forceps
1 x 2 teeth, 0.5 mm
AA 3350 left, without lock
AA 3351 right, without lock



AA - Stainless Steel, AAT - Titanium

On Request

Kramer
Corneal fixation forceps
with lock "U" Shaped 13 mm spread,
each 0.12 mm, 1 x 2 teeth
curved with catch
AA 3415



Eye Dressing
Forceps
serrated delicate
AA 3450 / AAT 3450 straight
AA 3455 curved



Adson
Dressing forceps
AA 3451





Wills Hospital
Utility forceps
criss - cross serrated tips
AA 3460 / AAT 3460





Bonaccolto
Utility forceps
longitudinally serrated jaws
with cross serrations at tips
1.2 mm wide
AA 3465 / AAT 3465





Moorfield
Conjunctival suture forceps
horizontally serrated jaws
with groove
AA 3470





AA - Stainless Steel, AAT - Titanium

Barraquer
Cilia forceps
lightly angled,smooth jaws
AA 3480



Beer
Cilia forceps
AA 3485



Arruga
Capsule forceps
AA 3505



Jameson
Muscle forceps
with slide lock
AA 3535 left, child 4 teeth
AA 3540 right, child 4 teeth
AA 3545 left, child 6 teeth
AA 3550 right, child 6 teeth



Worth
Advancement forceps
with slide lock
longitudinally grooved jaws
AA 3555 left
AA 3560 right



Berke
Ptosis forceps
with slide lock
longitudinally grooved jaws
AA 3565 20 mm



AA - Stainless Steel, AAT - Titanium

Snellen
Entropium forceps
AA 3600 left, small
AA 3605 right, small
AA 3607 left, adult
AA 3609 right, adult



Trachoma Forceps
AA 3611 small, 26 mm width
AA 3612 medium, 28 mm width
AA 3613 large, 30 mm width
AA 3614 extra large, 32 mm width



Ayer
Chalazion forceps
size 9 mm inner plate & 12 mm outer ring
AA 3615 / AAT 3615



Lambert
Chalazion forceps
round, 8 mm diameter
AA 3620 / AAT 3620



Desmarres
Chalazion forceps
oval shape
AA 3625 / AAT 3625 13 mm dia.
AA 3626 20 mm dia.
AA 3627 26 mm dia.



Hunt
Chalazion forceps
round, 12 mm diameter
AA 3630



Batlle Eyelid Compression Forceps
Broad, smoothly polished tips;
intended for expressing meibum
from inflamed or occluded meibomian
glands
AA 3640



AA - Stainless Steel, AAT - Titanium

Tearse Meibum Expressor Forceps
Broad, smoothly polished tips; intended for expressing meibum from inflamed or occluded meibomian glands
AA 3641



Arita Meibomian Gland Compressor
Oval shaped, polished paddles used for compression of meibomian glands
AA 3642



Blaydes
Lens holding forceps very delicate narrow smooth jaws, 45° angle
AA 3655 / AAT 3655



Dodick
Lens holding forceps angled smooth jaws, angled forward for comfortable hand position
AA 3665 / AAT 3665 angled left
AA 3667 angled right



Kellan
Endocapsular IOL Insertion forceps
Diameter of the tip is 0.15 mm for implantation of the superior haptic of IOL
AA 3670



Forceps for ICSR Implant
Used for ICSR implantation
1x1 teeth 0.2 mm
0.3 mm groove
AA 3671



AA - Stainless Steel, AAT - Titanium

Kratz
Lens holding forceps
with smooth curved jaws
AA 3680 / AAT 3680



Shepard
Lens holding forceps
Gently curved, duckbill shaped jaws
AA 3690 / AAT 3690



Sinskey
Lens holding forceps
for Iris claw lens
with delicate T-shaped lower jaw
ideal for biconvex
ridged or plano lenses
AA 3700 45° angle
AA 3702 with lock
AA 3704 15° angle



Faulkner
Lens holding forceps
with smooth polished round jaws
pick up foldable IOL
from case without marking
or damage the lens
AA 3715



Chu
Foldable lens cutter
groove tip 11 mm
AA 3718A



Foldable Lens Cutter
To cut silicone or acrylic IOL
in case of complications
AA 3719



AA - Stainless Steel, AAT - Titanium

Appasamy Lens Cutter
To cut silicone IOL
in case of complications
by sideport incision
AA 3719A



DSEK
Unique forceps design allows for distal tip contact first preventing tissue compression and protects donor corneal endothelium. Ease in surgeon insertion of “taco-fold” donor cornea with the 120-Degrees vertically oriented forceps handle and horizontally oriented carrier platforms.
AA 3721



Rosenwasser
Donor lamella inserting forceps
thin vaulted 12 mm long shanks
precalibrated heel stops to prevent
tips from closing
AA 3731



CTR Injector
For Capsule Tension Ring
AAT 3738



Lens Folder and Pusher
AAT 3739



AA - Stainless Steel, AAT - Titanium

Appasamy
Lens folding forceps
direct action
for foldable lens
evenly folds acrylic and
silicone lenses of
5.5 mm or 6 mm diameter
AA 3742 / AAT 3742



Appasamy
Lens inserting forceps
for foldable lens
flat body (cross action)
AA 3744



Appasamy
Lens implantation forceps
(direct action)
AA 3746 / AAT 3746



Appasamy
Universal lens folding forceps
flat stock,ideal for silicone and
acrylic foldable IOLs, box model
jaws facilitates the folding of the
lens precisely for transfer
to the inserter
AAT 3747



Appasamy
Universal lens inserting forceps
ideal for silicone and acrylic
foldable IOLs, for box model,
smooth curved jaws with
rounded edges grip the lens
gently and firmly
AAT 3748



Jaffe
Tying forceps
smooth jaws with 5 mm
long platform, ideal for
8-0 to 11-0 sutures
AA 3750 / AAT 3750 straight
AA 3755 / AAT 3755 curved



AA - Stainless Steel, AAT - Titanium

Tennant
Tying forceps
with guide pin, extra delicate
smooth jaws,with 5 mm long
platform for 9-0 to 11-0 sutures
AA 3760 / AAT 3760 straight
AA 3765 / AAT 3765 curved



Harms
Tying forceps
smooth jaws, with 0.5 mm tip width
5 mm long platform
ideal for 7-0 to 9-0 sutures
AA 3770 / AAT 3770 straight
AA 3775 / AAT 3775 curved



Jayle
Tying forceps
smooth jaws, with, 0.8 mm tip width
5 mm long platform
ideal for 7-0 to 9-0 sutures
AA 3780 straight



McPherson
Tying forceps
small handle smooth jaws,
5 mm long platform
ideal for 8-0 to 11-0 sutures
AA 3785 / AAT 3785 straight
AA 3786 / AAT 3786 curved



McPherson
Tying Forceps
smooth jaws, 5 mm long platform
ideal for 8-0 to 11-0 sutures
straight long handle
AA 3790 / AAT 3790



McPherson
Tying forceps
smooth jaws
5 mm long platform,5 mm angled
ideal for implanting IOL &
8-0 to 11-0 sutures
AA 3793 / AAT 3793 short handle
AA 3795 / AAT 3795 long handle



AA - Stainless Steel, AAT - Titanium

Kelman-McPherson
IOL forceps
smooth jaws,5 mm platform,
7.5 mm angled,
ideal for implanting IOL
AA 3798 / AAT 3798 short handle
AA 3800 / AAT 3800 long handle



McPherson
IOL forceps
smooth jaws,11 mm long
platform angled,
ideal for implanting IOLs
AA 3805 / AAT 3805



Sinskey
Tying forceps
very delicate smooth jaws
ideal for 8-0 to 11-0 sutures
AA 3815 curved



Kraff
Capsule tag forceps
11 mm long jaws with
1.5 mm long smooth
platform at tips.
recessed inside jaws surfaces
prevent inadvertent Iris pickup
AA 3850 / AAT 3850



Utrata
Capsulorhexis forceps
very delicate grasping tips and
extremely thin 11 mm
long straight shanks
AA 3855 / AAT 3855
AA 3855A marking 2.0
AA 3855B marking 2.5
AA 3855C marking 2.75
AA 3855D marking 3.0



Inamura
Capsulorhexis forceps
very delicate grasping
tips and extremely thin
11 mm long
AA 3856 / AAT 3856 curved shanks
AA 3856A straight shanks



AA - Stainless Steel, AAT - Titanium

Akahoshi
Capsulorhexis forceps
cross action forceps, cross action mechanism reduces loss of visco elastic material through the incision through side port incision anterior chamber can be better controlled. Capsule can punctured easily and grasp it firmly.
AA 3860



Utrata
Capsulorhexis forceps
tip length 11 mm 45° Ang.
Iris stop platform, 8.5 tip
Round handle
straight shanks
AA 3861 / AAT 3861
curved shanks
AA 3862 / AAT 3862



Giannetti
MICS capsulorhexis forceps
ultra delicate shanks and tips
maximum jaw opening 2 mm.
for performing capsulorhexis through a 1.5 mm incision.
AA 3864



Nevyas
Capsulorhexis forceps
extremely thin 11 mm long shanks
cystotome shaped tips for penetrating and grasping anterior capsule
AA 3865 / AAT 3865



Utrata Capsulorhexis
Forceps
straight round handle
goes through a 1.8 mm incision.
AA 3868 straight

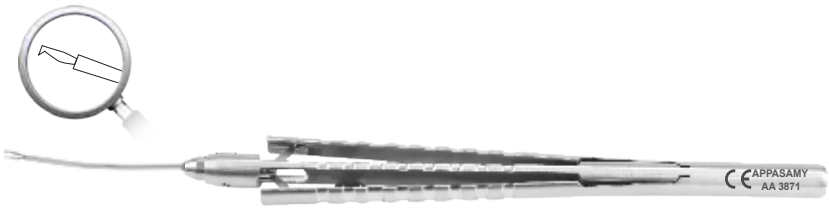


Masket
Capsulorhexis forceps
very delicate grasping tips and extremely thin
11 mm long curved shanks
AA 3870 / AAT 3870
AA 3870A marking 2.0 mm
AA 3870B marking 2.50 mm
AA 3870C marking 2.70 mm
AA 3870D marking 3.0 mm



AA - Stainless Steel, AAT - Titanium

Kreshner
Micro incision
capsulorhexis forceps, curved
AA 3871 / AAT 3871 20 G
AA 3872 / AAT 3872 23 G
AA 3873 25 G



Jaffe
Capsulorhexis forceps
very delicate, round grasping tips
extremely thin 11 mm long shanks
AA 3875



Buratto
LASIK flap forceps
serrated & abrasive blasted
inner surface
AA 3876



Jewelers
Forceps
standard
AA 3885 # 1



Jewelers
Forceps
delicate short
AA 3887 # 3c



Jewelers
Forceps
delicate
AA 3890 #3



Jewelers
Forceps
delicate
AA 3892 #4



Jewelers
Forceps
extra delicate
AA 3894 #5



AA - Stainless Steel, AAT - Titanium

Jewelers
Forceps
delicate angled for removal
of 9-0 and 10-0 sutures
AA 3896 #5A



Alabama
Utility forceps
straight shaft with 15 mm long
`V' groove tying platform
AA 3901



Suture
Removal forceps
very fine pointed tips
AA 3902



Foreign Body
Forceps
straight, sharp pointed tips
AA 3904



Dodick
Nucleus cracking forceps
the splitter tip is 2 mm in length
and 1 mm in height with cross
action and cross serrated, paddle
shaped jaws to divide the
nucleus into small segments
during phaco emulsification
AA 3906



Akahoshi
Nucleus splitter forceps
can be used to divide the nucleus
after grooving for divide and conquer
technique
size 9.0 mm tip length, 4.0 mm opening width
AA 3907



Kansas
Nucleus fragment removal forceps
serrated jaws for extracting lens
nucleus fragments for manual
small incision surgery
size 9.0 mm angled
AA 3908 straight



AA - Stainless Steel, AAT - Titanium

Akahoshi
Phaco pre chopper
smooth pointed tips to pierce the nucleus and crack for phaco
open to 3 mm straight shaft,
cross action, round handle
AA 3910 pointed tips



Akahoshi
Smooth flattened pointed tips
open to 3 mm
round handle for cracking,
dividing and rotating the
nucleus without sculpting
AA 3911 straight



Akahoshi Phaco Pre Chopper
Smooth flattened pointed tips
open to 3 mm
round handle for cracking,
dividing and rotating the
nucleus without sculpting
AA 3912 / AAT 3912 angled



Akahoshi Combo Pre Chopper
For cracking,dividing rotating
the nucleus without sculpting
AA 3913 / AAT 3913 straight



Akahoshi Phaco Pre Chopper
With flattened pointed tips
AA 3914 / AAT 3914 angled,
gently curved



Akahoshi
Super combo
prechopper
20g, able to fit
through a 1.2 mm incision
AA 3918 / AAT 3918



AA - Stainless Steel, AAT - Titanium

Hartman
Mosquito forceps
extra delicate
3.75" (95 mm) long
AA 3920 / AAT 3920 straight
Aa 3925 / AAT 3925 curved



Halsted
Mosquito forceps
Delicate
5.25" (145 mm) long
AA 3930 / AAT 3930
straight



Halsted
Mosquito forceps
delicate
5.25" (145 mm) long
AA 3935 / AAT 3935 curved



Appasamy
Cheatle forceps
box joint for lifting instruments from sterilizer overall length 200 mm
AA 3938



AA - Stainless Steel, AAT - Titanium

Backhaus
Towel clamp
AA 3940 3.5" (90 mm) long



Baby Jones
Towel clamp forceps
cross-action
2.25" (55 mm) long
AA 3945 / AAT 3945



Appasamy
Sponge holding forceps
box joint serrated jaws
overall length 200 mm
AA 3946



Ring Type
Needle Holder
AA 3947



AA - Stainless Steel, AAT - Titanium

Serrefine
Serrated jaws
1.5"(38 mm) long
AA 3950 / AAT 3950 straight
AA 3952 / AAT 3952 curved



Vitreous Forceps
Smooth jaws, straight
AA 3960 / AAT 3960 20 G
AA 3960A / AAT 3960A 23 G
AAT 3960B 25 G



Vitreous Forceps
Serrated jaws, straight
AA 3965 / AAT 3965 20 G
AA 3965A / AAT 3965A 23 G



Vitreous Forceps
Smooth jaws, 1x2 teeth straight
AA 3970 / AAT 3970 20 G
AA 3970A 23 G



End Gripping Forceps
AA 3971A 23 G



End Gripping Forceps
With micro jaws,
AA 3972A 23 G



Vitreous Forceps
Smooth jaws, 0.3 mm plartform, straight
AA 3975 / AAT 3975 20 G
AA 3975A / AAT 3975A 23 G



AA - Stainless Steel, AAT - Titanium

Vitreous Forceps
Smooth jaws, vertical
AA 3980 / AAT 3980 20 G



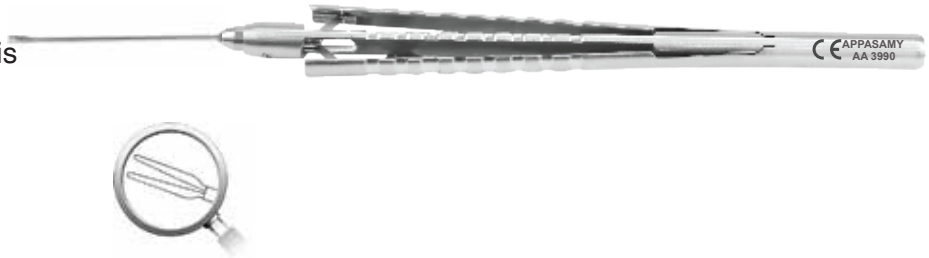
ILM Forceps
AA 3986 / AAT 3986 20 G
AA 3986A / AAT 3986A 23 G



Lens Cartridge
Loading forceps ICL
AA 3987 20 G



Iridectomy Forceps
Designed to perform caspsulorhexis
through 0.8 mm side-port incision
straight 23 gauge shaft
delicate tips
with lock
compatible with squeeze handle
AA 3990



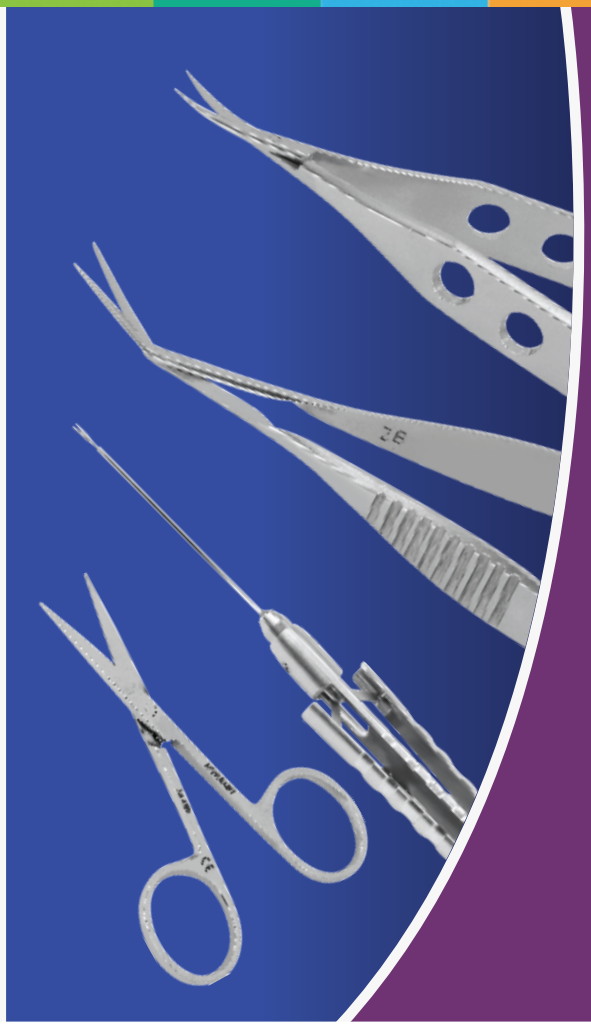
Large Foreign Body Forceps
AA 3992 20 G



Agarwal Glued IOL Forceps
AA 3995 / AAT 3995 straight 20 G
AA 3995A straight 23 G
AA 3996 / AAT 3996 curved 20 G
AA 3996A / AAT 3996A curved 23 G



AA - Stainless Steel, AAT - Titanium



- Corneoscleral Scissors
- Conjunctiva Scissors
- Vannas Scissors
- Vitreous Scissors
- Eye Scissors
- Enucleation Scissors



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Castroviejo
Corneoscleral scissors
small blades
blade length 9 mm
AA 4010 / AAT 4010 left



Castroviejo
Corneoscleral scissors
small blades
blade length 9 mm
AA 4015 / AAT 4015 right



Castroviejo
Corneoscleral scissors
medium blades
blade length 10 mm
AA 4020 / AAT 4020 left



Castroviejo
Corneoscleral scissors
medium blades
blade length 10 mm
AA 4025 / AAT 4025 right



Troutman-Katzin
Corneal transplant scissors
strong curve, with lock
6 mm long blades
AA 4030 left



Troutman-Katzin
Corneal transplant scissors
strong curve, with lock
6 mm long blades
AA 4035 right



AA - Stainless Steel, AAT - Titanium

Castroviejo
Corneal scissors
curved blunt tips
small blades 9 mm length
AA 4040 / AAT 4040
medium blades 11 mm length
AA 4045 / AAT 4045



Castroviejo
Corneal scissors
curved blunt tips
large blades 13 mm length
AA 4050 / AAT 4050



Castroviejo
Corneal transplant scissors
strong curve & large blades
blade length 13 mm
AA 4060 / AAT 4060



Castroviejo
Keratoplasty scissors
angled to side
blunt tips
small blades
blade length 9 mm
AA 4065 / AAT 4065



Castroviejo
Keratoplasty scissors
angled to side
blunt tips
medium blades
blade length 11 mm
AA 4070/ AAT 4070



Micro
Iris scissors
pointed tips
blade length 10 mm
AA 4095 straight



AA - Stainless Steel, AAT - Titanium

Micro
Corneal scissors
curved, pointed tips
small blades
blade length 9 mm
AA 4100 / AAT 4100



Micro
Corneal scissors
curved, pointed tips
medium blades
blade length 11 mm
AA 4105



Micro
Corneal scissors
half curved, long blades,12 mm
AA 4107



Micro
Iris scissors
curved, pointed tips
large blades
blade length 14 mm
AA 4110



Barraquer
Iris scissors
blunt tips
7 mm long blades
AA 4120



De-Wecker
Iris scissors
blade length 12 mm
AA 4125 sharp-blunt
AA 4127 blunt-blunt



AA - Stainless Steel, AAT - Titanium

McPherson Westcott
Conjunctival scissors
curved, blunt tips
blade length 12 mm
AA 4150 small blades



Westcott
Tenotomy scissors
curved, blunt tips
blade length 16 mm
AA 4155 / AAT 4155 medium blades



Westcott
Tenotomy scissors
curved,blunt tips
blade length 23 mm
standard blades
AA 4160 left
AA 4165 right



McPherson - Westcott
Stitch scissors
very sharp pointed tips
small blades, curved
blade length 11 mm
AA 4170



Jaffe
Stitch scissors
very sharp pointed tips
medium blades, curved
blade length 13 mm
AA 4175



Westcott
Tenotomy scissors
curved, blunt tips
large blades
blade length 23 mm
AA 4180 / AAT 4180



Fine
Stitch scissors
sharp tips
medium blades, straight
blade length 14 mm
AA 4195



AA - Stainless Steel, AAT - Titanium

Vannas
Capsulotomy scissors
sharp tips
blade length 9 mm
AA 4250 / AAT 4250 straight
AA 4255 / AAT 4255 curved



Appasamy
Capsule tag scissors
15 mm long spatulated
gently curved, blunt tip blades
for cutting capsule tags and
anterior capsulotomy
blade length 12 mm
AA 4260 short handle blade length 16 mm
AA 4265 long handle



Vannas
Capsulotomy scissors
sharp tips
forward 9 mm blades
AA 4270 / AAT 4270 angled



Vannas
Capsulotomy scissors
sharp tips
forward 11 mm blades
AA 4275/ AAT 4275 angled



Vannas
Capsulotomy scissors
sharp tips
angled to side
blade length 7.5 mm
AA 4280



Gills-Vannas
Capsulotomy scissors
extra thin long blades
sharp tips
blade length 8 mm
AA 4285 straight blade length 8 mm
AA 4290 curved blade length 10 mm
AA 4295 angled forward



McPherson-Vannas
Iris scissors
sharp tips
blade length 8 mm
AA 4300 curved



Koch
Endocapsular scissors
extra thin, 10 mm long delicate
curved blades
AA 4370



Vannas
Long handle scissors
extra thin, 10 mm long blades
sharp points
AA 4375



Vitreous
Scissors
straight jaws
blade length 5 mm
AA 4450 / AAT 4450 20 G
blade length 4 mm
AA 4450A / AAT 4450A 23 G



Vitreous
Scissors
Curved jaws
blade length 5 mm
AA 4455 20 G
blade length 4 mm
AA 4455A / AAT 4455A 23 G



AA - Stainless Steel, AAT - Titanium

Vitreous
Scissors
angled jaws 30°
blade length 3 mm
AA 4460 / AAT 4460 20 G
AA 4460A 25 G



Vitreous
Scissors
vertical cut 60°
blade length 3 mm
AA 4470 20 G



Iris Scissors
Delicate pointed tips
ring handle straight
AA 4500 / AAT 4500 3.5" length
AA 4501 4.0" length



Iris Scissors
Delicate pointed tips
ring handle curved
AA 4505 / AAT 4505 3.5" length
AA 4506 4.0" length



Eye Scissors
Delicate pointed tips
ring handle straight
AA 4510 / AAT 4510 4.5"length
AA 4511 5.0" length



Eye Scissors
Delicate pointed tips
ring handle, curved
AA 4515 / AAT 4515 4.5" length
AA 4516 5.0" length



AA - Stainless Steel, AAT - Titanium

Stitch Scissors
Needle points
ring handle
blade length 25 mm
AA 4520 straight
AA 4525 curved



Stevens
Tenotomy scissors
blunt tips, ring randle
blade length 25 mm
AA 4530 / AAT 4530 straight



Stevens
Tenotomy scissors
blunt tips,ring handle
blade length 25 mm
AA 4535 / AAT 4535 curved



Knapp
Strabismus scissors
blunt tips, ring handle
blade length 28 mm
AA 4550 / AAT 4550 straight
AA 4555 / AAT 4555 curved



Enucleation Scissors
Ring handle
blade length 40 mm
AA 4575 straight



Enucleation Scissors
Ring handle
blade length 40 mm
AA 4580 medium curve



Enucleation Scissors
Ring handle
blade length 40 mm
AA 4585 strong curve



Mayo Scissors
Overall length 5.5”
AA 4590 straight
AA 4595 Curved





Superior Rectus Needle Holder

Castroviejo Needle Holder

Barraquer Needle Holder

Blade Breaker & Holder

Blades



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Arruga
Needle holder
AA 5010 straight



Kalt
Needle holder
AA 5020 / AAT 5020 straight



Silcock
Needle holder
AA 5030





McPherson
Needle holder
very delicate jaws
AAT 5040 20G Aspiration Sand Blasted
AAT 5050 curved, with lock
AA 5055 / AAT 5055 curved, without lock



Castroviejo
Needle holder
delicate jaws
ideal for 7-0 to 9-0 sutures
AA 5060 straight, with lock
AA 5065 straight, without lock
AA 5070 / AAT 5070 curved, with lock
AA 5075 / AAT 5075 curved, without lock



AA - Stainless Steel, AAT - Titanium

Castroviejo
Needle holder
standard jaws
ideal for 4-0 to 7-0 sutures
AA 5080 straight, with lock
AA 5085 straight, without lock
AA 5090 / AAT 5090 curved, with lock
AA 5095 curved, without lock



Barraquer
Needle holder
short model
very delicate jaws
AA 5125 straight, without Lock
AA 5130 / AAT 5130 curved, with Lock
AA 5135 / AAT 5135 curved, without Lock



Barraquer
Needle holder
short model
micro jaws
ideal for 10-0 to 11-0 sutures
AA 5140 / AAT 5140 micro, with lock
AA 5145 / AAT 5145 micro, without lock



Barraquer
Needle holder
very delicate jaws
ideal for 8-0 to 11-0 sutures
AA 5155 straight, without lock
AA 5160 / AAT 5160 curved, with lock
AA 5165 / AAT 5165 curved, without lock



AA - Stainless Steel, AAT - Titanium

Barraquer
Needle holder
extra delicate, micro jaws
ideal for 10-0 to 11-0 sutures
AA 5170 / AAT 5170 micro, with lock
AA 5175 / AAT 5175 micro, without lock



Barraquer
Needle holder
standard, micro jaws
ideal for 10-0 to 11-0 sutures
AA 5177 micro, without lock



Barraquer
Needle holder
standard jaws, curved
ideal for 4-0 to 7-0 sutures
AA 5180 curved, with lock
AA 5185 curved,
without lock



Troutman
Needle holder
delicate, strongly curved jaws
ideal for 8-0 to 11-0 sutures
AA 5190 with lock
AA 5195 without lock



Castroviejo
Blade breaker and holder
AA 5400 small (90mm)
AA 5405 big (120mm)



Swiss Model
Blade breaker and holder
pencil type
AA 5420 small (90mm)
AA 5425 big (120mm)



AA - Stainless Steel, AAT - Titanium

Barraquer
Blade breaker and holder
flat handle with spring lock
AA 5450 straight



Bard-Parker Handle
For disposable slot blades
AA 5460 / AAT 5460 #3 flat handle
AA 5465 / AAT 5465 #3 round handle



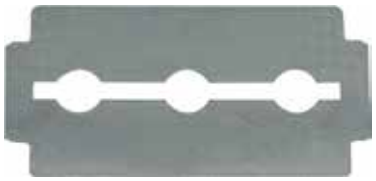
Chuck Handle
For holding micro wire blades
AA 5475



Bard-Parker Blade
AA 5560 #11 blade
AA 5561 #15 blade



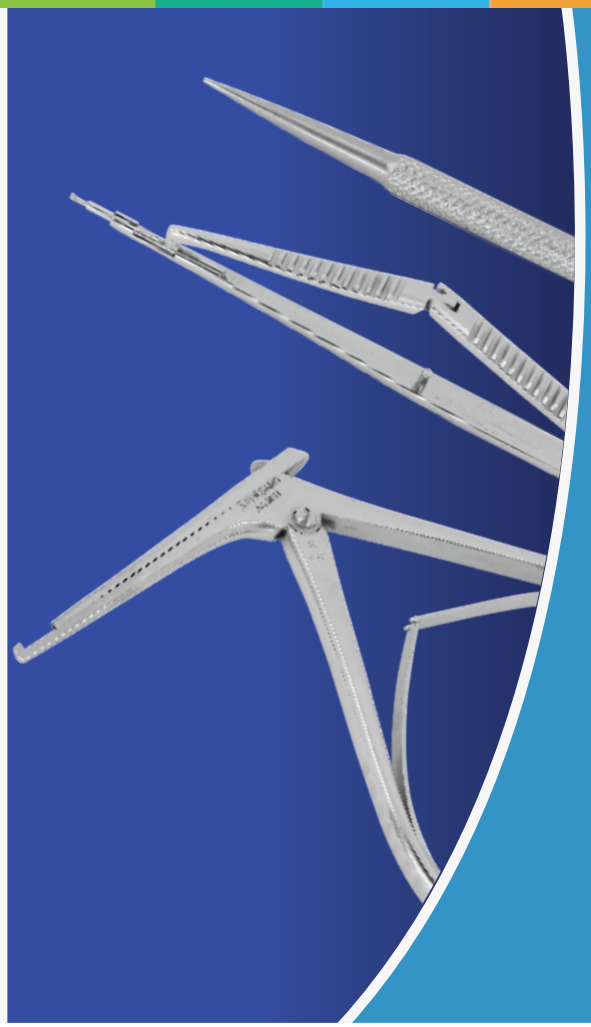
Carbon Razor Blade
AA 5570



Eye Shield
Post operative - opaque
plastic green colour
non autoclave
AA 5580



AA - Stainless Steel, AAT - Titanium



Punches

Corneoscleral Punches

DCR Trephines

Lacrimal Probes

Intubation Set



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Kerrison
Bone nibbling ronguer
9 mm opening
AA 6010 size 0, 1 mm wide
AA 6011 size 1, 2 mm wide
AA 6012 size 2, 3 mm wide
AA 6013 size 3, 4 mm wide
AA 6014 size 4, 5 mm wide



Beyer
Bone nibbling ronguer
AA 6030 single action
AA 6035 double action



Nasal
Speculum
AA 6040 infant
AA 6041 child
AA 6042 adult



Tilley
Nasal packing forceps
AA 6045 infant



Holth
Corneoscleral punch
9 mm opening
AA 6052 2 mm



Kelly
Descemet membrane punch
AA 6070 / AAT 6070 1 mm
AA 6071 0.75 mm



Arruga
Lacrimal trephine
'T' handle with sharp
cutting edge, used
for cutting the bone with pin for primary
without pin for secondary
AA 6080 7 mm, with centre pin
AA 6081 8 mm, with centre pin
AA 6082 9 mm, with centre pin
AA 6083 10 mm, with centre pin
AA 6085 7 mm, without centre pin
AA 6086 8 mm, without centre pin
AA 6087 9 mm, without centre pin
AA 6088 10 mm, without centre pin



Arruga
Lacrimal trephine
used for cutting the
bone with pin for primary
without pin for secondary
AA 6090 7 mm, with centre pin
AA 6091 8 mm, with centre pin
AA 6092 9 mm, with centre pin
AA 6093 10 mm, with centre pin
AA 6095 7 mm, without centre pin
AA 6096 8 mm, without centre pin
AA 6097 9 mm, without centre pin
AA 6098 10 mm, without centre pin



West
Lacrimal chisel
AA 6100 straight



West
Bone gouge
AA 6110 straight



AA - Stainless Steel, AAT - Titanium

Mallet
For DCR surgery
AA 6120



Freer
Periosteal elevator
one end blunt
other end semi-sharp
4.5 mm wide blades
AA 6130



Traquair
Periosteal elevator
AA 6140



Pigtail
Probe
with suture holes
for lower punctum and
upper punctum
AA 6150



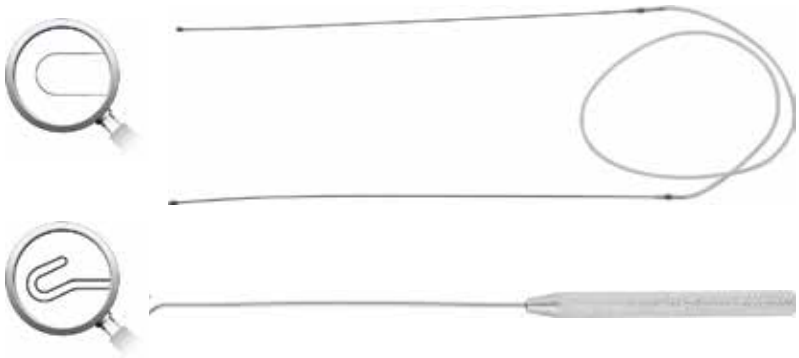
Harms
Trabeculotomy probe
with double parallel prong design
AA 6160 right
AA 6170 left



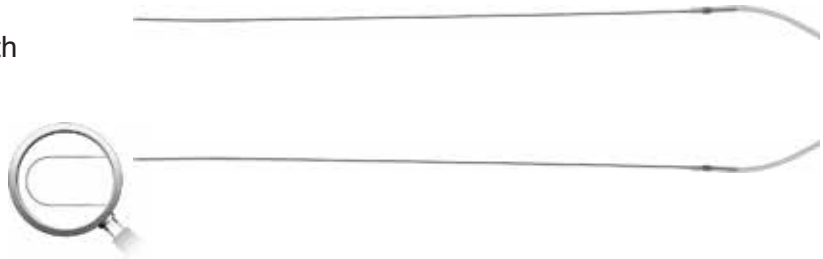
Bowman
Lacrimal probe
malleable stainless steel
AA 6175 set of 4 sizes
AA 6180 size 0000&000
AA 6190 size 00&0
AA 6200 size 1&2
AA 6210 size 3&4
AA 6212 size 5&6
AA 6214 size 7&8



Crawford
Lacrimal intubation includes two
olive tip stainless steel probes
0.6 mm dia. X 150 mm long
supplied with 300 mm long silicone tubing,
0.50 mm I.D X 0.94 mm O.D.
AA 6240 set



Catalano
Lacrimal intubation set
includes two blunt stainless steel probes,
0.7 mm dia x 140 mm long, supplied with
300 mm long silicone tubing
0.30 mm I.D x 0.60 mm O.D
AA 6250 set



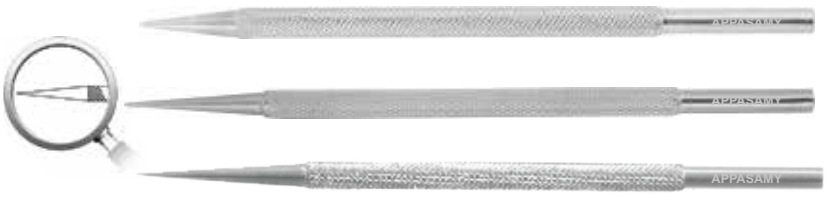
Infant
Lacrimal dilator
very fine blunt tip
0.5 mm diameter
AA 6400



Muldoon
Lacrimal dilator
graduated blunt tip
0.5 mm diameter
AA 6405



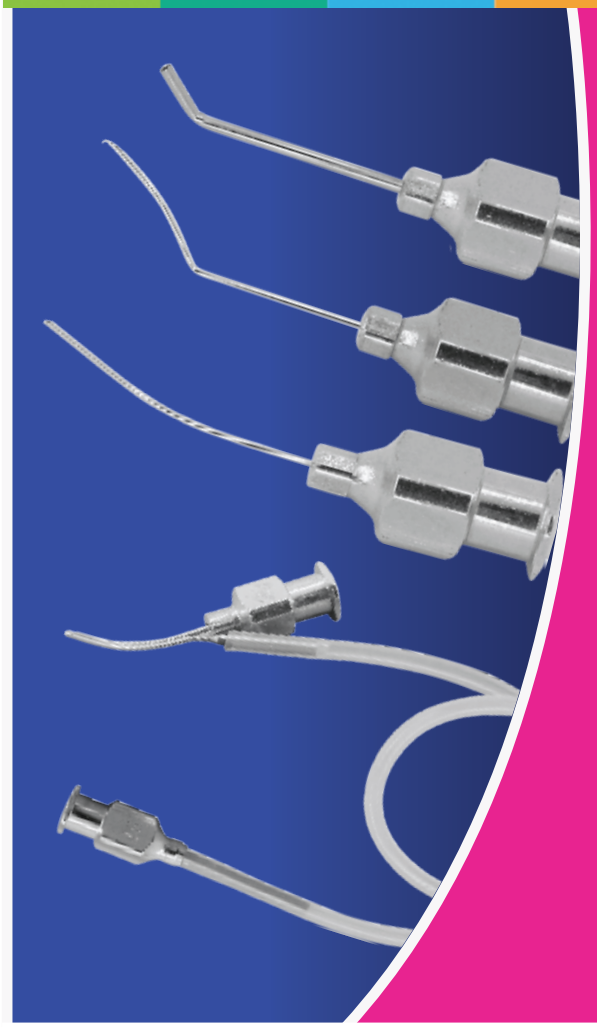
Wilder
Lacrimal dilator
size 1, fine taper
AA 6410 / AAT 6410
size 2, medium taper
AA 6420 / AAT 6420
size 3, heavy taper
AA 6430 / AAT 6430



Castroviejo
Lacrimal dilator
double-end
fine and medium taper
AA 6440 / AAT 6440



AA - Stainless Steel, AAT - Titanium



- Air Cannula
- Hydrodissection Cannula
- Hydrodelineation Cannula
- I/A Cannula
- LASIK Cannula
- Vitreo-Retinal Instruments



Gauge Conversion Chart

Gauge	Inner Diameter		Outer Diameter		Disposable Cannula Colour
	Inches	mm	Inches	mm	
19G	.028	.70	.043	1.10	Cream*
20G	.024	.60	.036	.90	Yellow
21G	.020	.51	.032	.80	Green
22G	.016	.41	.028	.70	Black
23G	.013	.33	.025	.60	Blue
24G	.012	.30	.022	.55	Purple
25G	.010	.25	.020	.50	Orange
26G	.010	.25	.018	.45	Brown
27G	.008	.20	.016	.40	Grey
30G	.006	.15	.012	.30	Natural



McIntyre
Lacrimal cannula
blunt tip 0.3 mm side port
overall length 46 mm, 23 G
AA 7007 curved





Rosenwasser
DALK cannula
flattened "cobra-shaped" tip
0.2 mm posterior port
AA 7050 27 G





Lacrimal
Cannula
23 G malleable tip
overall length 25 mm
AA 7010 straight
AA 7012 curved





DALK
Air injection cannula
flattened, vaulted
0.2 mm posterior port near tip
AA 7100 27 G





Lacrimal
Cannula straight
malleable tip
AA 7013 27 G



Rycroft
Air injection cannula
45°angled
5 mm angled tip
overall length 22 mm
AA 7105 22 G
AA 7105 23 G
AA 7105 24 G
AA 7105 25 G
AA 7107 27 G
AA 7108 30 G







West
Lacrimal cannula
blunt tip with side port
overall length 30 mm
AA 7040 23 G





Bracken
Anterior chamber cannula
flattened beveled tip
angled length 7 mm
overall length 21 mm
AA 7125 24 G
AA 7125 25 G
AA 7125 26 G
AA 7125 27G



AA - Stainless Steel, AAT - Titanium

Bishop-Harmon
Anterior chamber
cannula
7 mm angled flat blunt tip
40°angled
overall length 25 mm
AA 7135 19 G






Brierley
chamber maintainer
tapered positive grip tip
with self retaining fins, 20 G
AA 7170





Shepard
R.K cannula
5 mm angled tip
flat blunt tip 45°angled
AA 7140 27 G





Blumenthal
Tip is tapered to .30 mm (30G);
45^0 angled; 4 mm from end.
Tapered to allow greater flow of
fluid through a smaller tip. Provides
easy insertion under capsule for
hydrodissection or into nucleus for
hydrodelineation.
AA 7200





Anterior Chamber
Washout cannula
5 mm angled tip
16 G
flat blunt tip
30° angled
overall length 35 mm
AA 7145





Blumenthal
Cannula
irrigating cystotome (formed)
0.40x16 mm (27 Gx5/8 in)
AA 7201 5 mm angled





Lewicky A/C Maintainer
Anterior chamber maintainer cannula
20 G x 3.50 mm cannula
overall length 12 mm
The self-retaining threaded tip assures stable
fixation within the corneal stroma.
Cannula is connected with
200 mm long silicone tubing and adaptor
AA 7150





IOL Glide
35 mm length x 5 mm wide
AA 7202 silicone

AA - Stainless Steel, AAT - Titanium



Pearce
Hydrodissection cannula
35° angled
8 mm flat blunt tip
overall length 22 mm
AA 7205 22 G
AA 7205 23 G
AA 7205 24 G
AA 7205 25 G
AA 7206 26 G
AA 7207 27 G
AA 7208 30 G





Nishi
Irrigating capsule retractor
flattened tip
angled at 7 mm
overall length 10 mm
18 G
AA 7225





Rainin
Air injection cannula
spatulated blunt tip
angled at 7 mm
45° angled
overall length 32 mm
AA 7210 27 G



Kellan
Hydrodelineation cannula
curved bevel tip
sharp on top
smooth on bottom
length 22 mm
AA 7230 24 G
AA 7230 25 G
AA 7230 26 G







Gimbel
'U' shaped hydrodissector
smooth blunt tip
overall length 22 mm
AA 7215 25 G
AA 7216 27 G
AA 7217 30 G





Sub tenon
Anesthesia cannula
0.3 mm ports, blunt tip
overall length 22 mm
AA 7240 19 G-dual port
AA 7242 21 G-dual port





Nucleus Hydrolysis Needle
Flattened oval shaped tip
overall length 22 mm, curved
25 G
AA 7220





Sautter
Hydrodissection cannula
Vertically flattened tip, 26 G
AA 7290





Akahoshi
Hydrodissection cannula
tapered tip design can be
easily inserted beneath the
capsulorhexis edge
angled 2mm from end
AA 7295 27 G





Simcoe
Cortex extractor cannula
light curved shaft
closed tip with 0.3 mm
side opening
AA 7330 23 G 13 mm
AA 7332 23 G 21 mm





Morrison
Aspirating cannula
7 mm angled tip
blunt tip
overall length 25 mm
23 G
AA 7325



Simcoe
Irrigating / Aspirating cannula
Original model (direct)
Aspiration through silicone tube &
irrigation through main hub
Curved shaft overall length 16 mm
AA 7418A 20 G 0.5 mm aspiration port
AA 7418 21 G 0.5 mm aspiration port
AA 7419 22 G 0.35 mm aspiration port
AA 7420 23 G 0.30 mm aspiration port





Reverse Simcoe
Irrigating / Aspirating cannula
irrigation through the silicone
tube and aspiration through
the main hub
AA 7423 21 G 0.50 mm aspiration port
AA 7424 22 G 0.35 mm aspiration port
AA 7425 23 G 0.30 mm aspiration port





AA - Stainless Steel, AAT - Titanium

Simcoe
Irrigating / Aspirating cannula
sand blasted, original model (direct)
tips are sand blasted
for polishing posterior capsule
AA 7429 22 G 0.35 mm aspiration port
AA 7430 23 G 0.30 mm aspiration port



Simcoe
Irrigating / aspirating cannula
Reverse model
tips are sand blasted
for polishing posterior capsule
AA 7435
23 G 0.30 mm aspiration port



Ruit
Irrigating / aspirating cannula
Original model with serrated
aspiration through silicone tube &
irrigation through main hub
curved shaft, overall length 16 mm
0.30 mm aspiration port.
AA 7447 23 G





Atkinson
Retrobulbar needle
beveled sharp rounded point
length 38 mm
AA 7507 25 G





Henderson
MICS capsule polishing cannula
finely textured, 1.2 mm wide
disc-shaped tip, with 0.5 mm posterior
facing port, 23 G
AA 7621



Burk
Peribulbar needle
beveled rounded point
overall length 22 mm
AA 7515 23 G







Lahane
Capsulorhexis and
posterior capsule
polisher, irrigating
vacuum action left hand
aspirating angled shaft
23 G with 0.3 mm
reverse aperture
AA 7653





Cystotome
Irrigating cystotome
formed, angled
overall length 22 mm
AA 7535 25 G
AA 7536 27G
AA 7537 26 G



Simcoe
Cortex extractor
0.3 mm side port tip closed
sand blasted tip
curved shaft 23 G
AA 7665 21 mm







Jensen
Capsule polisher
sand blasted olive tip
curved shaft
overall length 28 mm
AA 7605 23 G

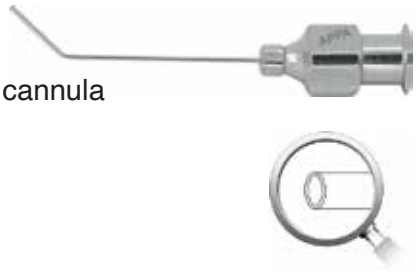




Chang
Hydrodissection cannula
flat beveled tip 90° angled
27 G
AA 7666



AA - Stainless Steel, AAT - Titanium



Zirm
LASIK dissector cannula
25 G/0.5 mm
AA 7685



Hoffman
Nucleus loop
4 mm wide, 14 mm long
curved loop
16 G shaft with 25 G loop
three irrigating ports
serrated loop
overall length 32 mm
AA 7745





Knolle-Pearce
Irrigating vectis
ports on outer side
overall length 38 mm
AA 7705 20 G
(4 mm wide, 7 mm long loop)
AA 7706 23 G
(5 mm wide, 6 mm long loop)
AA 7707 23 G
(4 mm wide, 10 mm long loop with half plate)





Silicone
Bulb with adaptor
AA 7830





Drews
Irrigating vectis
6 mm wide, 9 mm long loop
one forward and two
reversed irrigating ports
overall length 35 mm
AA 7710





Silicone tube
O.D 2.4, I.D 0.9
tube with adaptor
AA 7846 tube only



Sheets
Irrigating vectis
6 mm wide, 19 mm long loop
three irrigating ports at 12, 10 & 2 o' clock positions
serration on top of vectis
21 G
AA 7715



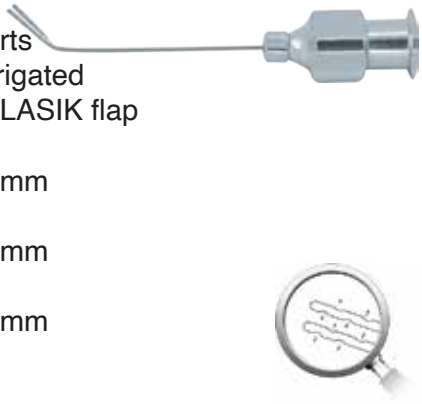


Viscoelastic
Cannula
45° angled, 8 mm
angle from tip
overall length 30 mm
AA 7852 19 G
AA 7853 23 G



AA - Stainless Steel, AAT - Titanium

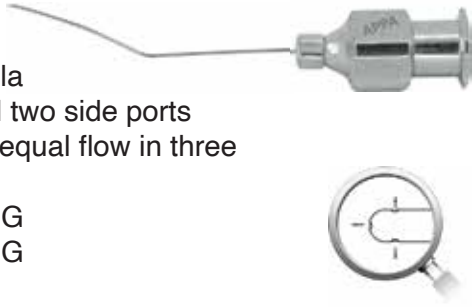
Vidaurri LASIK flap irrigator
Parallel cannula
each with four ports
simultaneously irrigated
both sides of the LASIK flap
angled 10 mm
overall length 25 mm
AA 7855 25 G
overall length 36 mm
AA 7856 25 G
overall length 33 mm
AA 7857 24 G
AA 7858 26 G
AA 7859 27 G



Buratto LASIK
cannula (3 ports)
45° angled 8 mm
overall length 23 mm
AA 7885 23 G



Buratto
LASIK cannula
one front and two side ports
designed for equal flow in three directions.
AA 7861 23 G
AA 7862 25 G



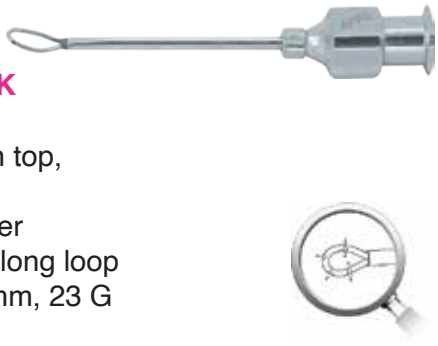
Spatulated
LASIK cannula
60° angled, 10 mm
flattened tip
overall length 25 mm
26 G
AA 7890



Banaji LASIK
Cannula (6 ports)
45° angled 10 mm
overall length 22 mm
AA 7880 25 G



Rubenstein LASIK
Irrigating cannula
6 ports, 2 ports on top,
2 on bottom and
2 on the front center
2 mm wide, 4 mm long loop
overall length 31 mm, 23 G
AA 7891



Tapered
Extrusion hand piece cannula
20 G 35 mm,
2 mm tapered, 27 G, blunt
AA 7915
AA 7916 needle only 20 G



AA - Stainless Steel, AAT - Titanium

Charles
Flute needle cannula
extrusion hand piece
20 G, 35 mm, blunt tip
AA 7920
AA 7921 needle only 20 G





Scleral plug forceps
Designed to securely hold
scleral plugs during insertion and
removal. Cross action handle
reduces hand fatigue while grasping plug
AA 7925





Watzke
Sleeve spreading forceps
serrated 10 mm tips angled 30°
serrated cross action handle
AA 7930





Trocar Fixation Plate
AA 7945



Scleral Plugs
AA 7950 18 G
AA 7951 19 G
AA 7952 20 G



Infusion Cannula
20 G, luer lock adopter &
250 mm of silicone tubing
AA 7960 2.5 mm beveled tip
AA 7961 4.0 mm beveled tip
AA 7962 6.0 mm beveled tip



AA - Stainless Steel, AAT - Titanium

Trocar Infusion Cannula
Packaged sterile
AAD 7965 23 G
AAD 7966 25 G



45 Diopter
Irrigating contact lens
plano-concave hand held
irrigating vitrectomy lens
AA 7970



90 Diopter
Irrigating contact lens
bi-concave hand held
irrigating vitrectomy lens
AA 7975



Backflush Handle, Reusable
Passive aspiration
AA 7979
Active aspiration





Membrane Peeler
AA 7980

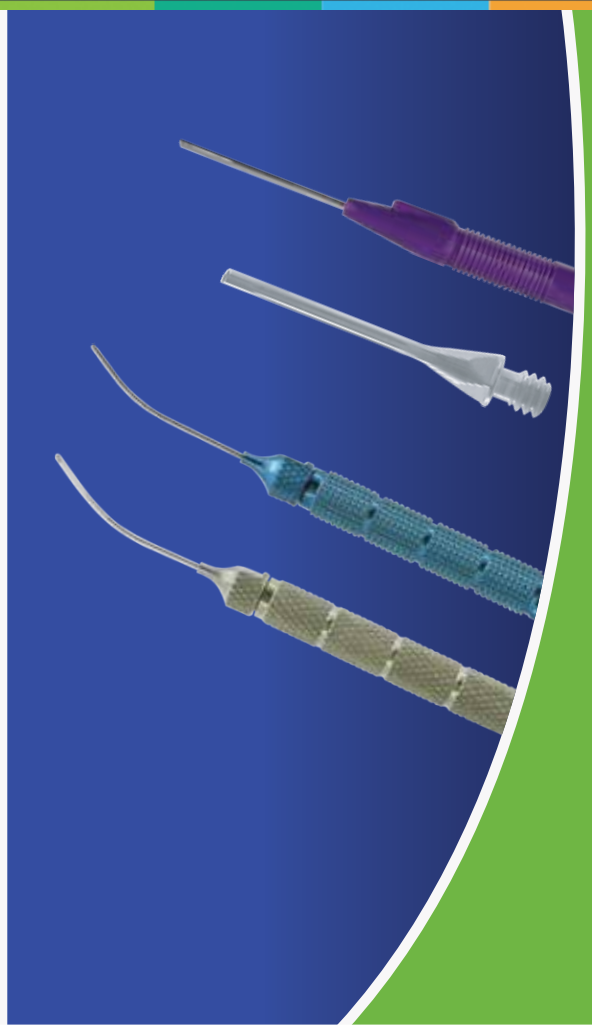




May
30^0 Bent Infusion Needle
AA 7985



AA - Stainless Steel, AAT - Titanium



Sterilization Boxes

Phaco Tips

Bimanual I/A Handpiece

Coaxial I/A Handpiece

Irrigating Choppers



APPASAMY ASSOCIATES

Empowering Vision*

STERILIZATION BOXES

Stainless Steel Boxes

REF	Description	Dimensions in mm (L* W*H)	Dimensions in inches (L* W*H)	Spec.
AA8000	Sterilization Box with Silicone ribs for APPA BLADE	165 * 90 * 15	6 ½ * 3 ½ * 0.6	Small
AA8003	Sterilization Box with One Silicone mat	165 * 90 * 15	6 ½ * 3 ½ * 0.6	Small
AA8005	Sterilization Box with One Silicone mat	202 * 120 * 18	8 * 4 ¾ * ¾	Medium
AA8020	Sterilization Box with Two Silicone mats	240 * 200 * 18	9 ½ * 8 * ¾	Large
AA8030	Double layer Sterilization Box with Two Silicone mats	205 * 125 * 30	8 * 5 * 1 ¼	Medium with double layer
AA8220	Sterilization Box for Phaco Handpiece and accessories	230 * 155 * 60	9 * 6 * 2 ½	Large

PLASTIC BOXES

- High Performance Thermoplastic

REF #	Description	Dimensions in mm (L* W*H)	Dimensions in inches (L* W*H)	Spec.
AA8200	Sterilization Box with Silicone mat	245 * 147 * 25	9 ½ * 5¾ * 1	Large
AA8201	Sterilization Box with Silicone mat	198*108 * 20	8 * 4 ¼ * ¾	Medium
AA8202	Sterilization Box with Silicone mat	160 * 70 * 20	6 ¼ * 2¾ * ¾	Small
AA8203	Sterilization Box with Silicone mat	160 * 70 * 35	6 ¼ * 2¾ * 1 ½	Small with Height
AA8206	Sterilization Box with Silicone mat	78 * 45 * 20	3 * 1 ¾ * ¾	Extra Small
AA8207	Sterilization Box with Silicone mat	78 * 45 * 35	3 * 1 ¾ * 1 ½	Extra Small with Height
AA8215	Double layer Sterilization Box with 2 Silicone mats	245 * 147 * 45	9 ½ * 5¾ * 1 ¾	Extra Large
AA8221	Sterilization Box with Silicone ribs for Phaco Handpiece and accessories	245 * 147 * 45	9 ½ * 5¾ * 1 ¾	Extra Large

Appasamy Sterilization Box
Suitable for appa blade autoclave purpose
with hinged lid
size:165 X 90 X 15mm
AA 8000



Appasamy Sterilization Box
Small box with hinged lid
a stainless steel sterilizing box designed to protect a set of
ultra Fine micro surgical instruments during
steam sterilization. size: 165 x 90 x 15 mm
AA 8003 complete



Appasamy Sterilization Box
Medium box with hinged lid
a stainless steel sterilizing box designed to protect a set of
ultra Fine micro surgical instruments
size:202 X 120 X 18 mm
AA 8005 complete
AA 8015 silicone mat



Appasmy Sterilization Box
Large box with hinged lid
size: 240 x 200 x 18 mm
with 2 silicone mats
AA 8020 complete
AA 8015 silicone mat



Appasamy Sterilization case
AA 8025



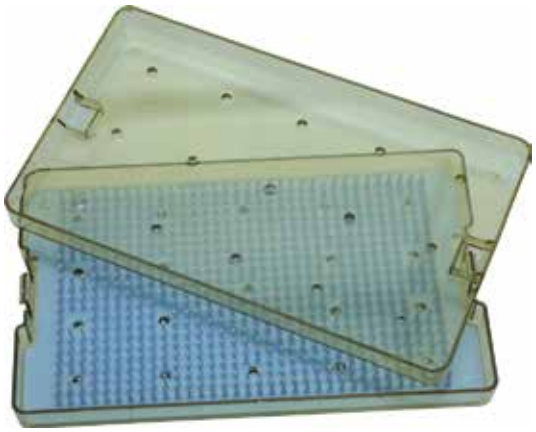
Appasamy Sterilization Box
Medium box with hinged lid
size: 205 x 125 x 30 mm
with 2 silicone mats
AA 8030 double decker



AA 8100
KIDNEY TRAY 0.5 LITERS



Appasamy See-Through
Plastic Sterilization Box
This large box is made of a special thermoplastic which is designed to withstand repeated autoclaving cycles.
The box can be used for steam sterilization and ETO sterilization methods. The soft silicone mat protect the instruments during sterilization, transport and storage. Lid and base of box and silicone mat are perforated with round holes for steam penetration and subsequent drainage. The transparent lid helps visualization during closure of the box. The instruments do not touch each other and also to make sure that the lid is not applying any pressure on to the tips of the instruments.
size: 245 x 146 x 25 mm
AA 8200 Complete
size: 240 x 140 x 15 mm



AA - Stainless Steel, AAT - Titanium

AA 8110
GALLI POT 3"



Appasamy See-Through Plastic Sterilization Box
Medium box
size: 198 x 108 x 20 mm
AA 8201



Appasamy See-Through Plastic Sterilization Box
Small box
size: 160 x 70 x 20 mm
AA 8202



Appasamy See-Through Plastic Sterilization Box
Small with height
size: 160 x 70 x 35 mm
AA 8203



Appasamy See-Through Plastic Sterilization Box
Extra small
size: 78 x 45 x 20 mm
AA 8206

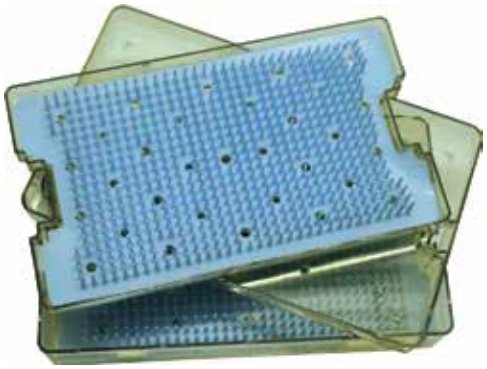


AA - Stainless Steel, AAT - Titanium

Appasamy See-Through Plastic Sterilization Box
Extra small with height size: 78 x 45 x 35 mm
AA 8207



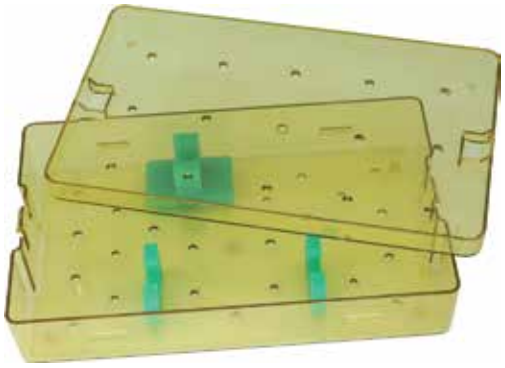
Appasamy See-Through Plastic Sterilization Box
double decker, extra large size: 245 x 147 x 45 mm
AA 8215



Appa Phaco Box
A stainless steel sterilization box designed to protect phaco handpiece during sterilization, large size:230 X 155 X 60 mm
AA 8220



Appasamy See-Through Phaco Hand Piece Sterilization Box
Extra large size: 245 x 147 x 45 mm
AA 8221



AA - Stainless Steel, AAT - Titanium

PHACO TIP OVERVIEW

PRODUCT NAME	GAUGE SIZE	AVAILABLE DEGREE	INCISION SIZE
CLASSIC - WITH GROOVE, 19 G	19G / 1.03mm	30˚(Standard) 45˚/15˚/0˚	2.8 mm
CLASSIC - WITHOUT GROOVE, 19 G	19G / 1.03 mm	30˚(Standard) 45˚/15˚/0˚	2.8 mm
HYPERSONIC-19 G	19G / 1.1 mm	30˚(Standard) 45˚/15˚/0˚	2.8 mm
CLASSIC-KELMAN-19 G	19G / 1.03 mm	30˚(Standard) 45˚/15˚/0˚	2.8 mm
MICROSONIC-KELMAN-20 G	20G / 0.9 mm	30˚(Standard) 45˚/15˚/0˚˚	2.5 mm
SUB SONIC-KELMAN-21 G	21G / 0.8 mm	30˚(Standard) 45˚/15˚/0˚˚	2.2 mm
SUB SONIC-WITHOUT GROOVE -21 G	21G / 0.8 mm	30˚(Standard) 45˚/15˚/0˚	2.2 mm
MICROSONIC-FRAGMATOME-20 G	20G / 0.9 mm	30˚(Standard) 45˚/15˚/0˚	2.5 mm
(FLARED) F-SONIC SQUARE-17 G	17G / 1.35 mm	30˚(Standard) 45˚/15˚/0˚	2.8 mm

BIMANUAL I/A INSTRUMENTS

#	GAUGE SIZE	INCISION SIZE	ASPIRATION PORT	IRRGATION PORT
1	20G / 0.9 mm	2.8 mm	0.35 mm	0.50 mm
2	21G / 0.8 mm	2.2 mm	0.35 mm	0.50 mm
3	22G / 0.72 mm	2.2 mm	0.30 mm	0.35 mm
4	23G / 0.63 mm	1.8 mm	0.30 mm	0.35 mm

CO-AXIAL I/A INSTRUMENTS

#	GAUGE SIZE	INCISION SIZE	ASPIRATION CANNULA	ASPIRATION PORT	ASPIRATION HEAD
1	21G / 0.8 mm	2.8 mm	Straight Tip	0.3 mm Port	Metal sleeve tip
2	21G / 0.8 mm	2.8 mm	Curved Tip	0.3 mm port	Metal sleeve tip
3	21G / 0.8 mm	2.8 mm	Curved Tip with pin	0.3 mm port	Metal sleeve tip
4	21G / 0.8 mm	2.8 mm	45° Angle Tip	0.3 mm port	Metal sleeve tip
5	21G / 0.8 mm	2.8 mm	90° Angle Tip	0.3 mm port	Metal sleeve tip
6	21G / 0.8 mm	2.8 mm	90° Angle tip with pin	0.3 mm port	Metal sleeve tip
7	21G / 0.8 mm	2.8 mm	Binkhorst tip 150°	0.3 mm port	Metal sleeve tip
8	21G / 0.8 mm	2.8 mm	Binkhorst tip with pin 150°	0.3 mm port	Metal sleeve tip
9	19G / 1.05 mm	2.2 mm	Straight	0.3 mm port	silicone sleeve tip
10	19G / 1.05 mm	2.2 mm	45° angle	0.3 mm port	silicone sleeve tip

CLASSIC - WITH GROOVE, 19 G

AAT 7415 0° (OD - 1.03mm)
AAT 7415A 15° (OD - 1.03mm)
AAT 7415B 30° (OD - 1.03mm)
AAT 7415C 45° (OD - 1.03mm)



CLASSIC - WITHOUT GROOVE, 19 G

AAT 7417 0° (OD - 1.03mm)
AAT 7417A 15° (OD - 1.03mm)
AAT 7417B 30° (OD - 1.03mm)
AAT 7417C 45° (OD - 1.03mm)



HYPERSONIC-19 G

AAT 7475 0° (OD - 1.1mm)
AAT 7475A 15° (OD - 1.1mm)
AAT 7475B 30° (OD - 1.1mm)
AAT 7475C 45° (OD - 1.1mm)



CLASSIC-KELMAN-19 G

AAT 7476 0° (OD - 1.03mm) 19G
AAT 7476A 15° (OD - 1.03mm) 19G
AAT 7476B 30° (OD - 1.03mm) 19G
AAT 7476C 45° (OD - 1.03mm) 19G

MICROSONIC-KELMAN-20 G

AAT 7476D 0° (OD - 0.9mm) 20G
AAT 7476D 15° (OD - 0.9mm) 20G
AAT 7476D 30° (OD - 0.9mm) 20G
AAT 7476D 45° (OD - 0.9mm) 20G

SUB SONIC-KELMAN-21 G

AAT 7476E 0° (OD - 0.8mm) 21G
AAT 7476E 15° (OD - 0.8mm) 21G
AAT 7476E 30° (OD - 0.8mm) 21G
AAT 7476E 45° (OD - 0.8mm) 21G



SUB SONIC-WITHOUT GROOVE -21 G

AAT 7477 0° (OD - 0.8mm)
AAT 7477A 15° (OD - 0.8mm)
AAT 7477B 30° (OD - 0.8mm)
AAT 7477C 45° (OD - 0.8mm)



MICROSONIC-FRAGMATOME-20 G

AAT 7478A 15° (OD - 0.9mm)
AAT 7478B 30° (OD - 0.9mm)



SUB SONIC-WITHOUT GROOVE

AAT 7483-22G 0° OD-0.7mm, ID-0.5mm
AAT 7483A-22G 15°, OD -0.7mm, ID-0 5mm
AAT 7483B-22G 30° OD-0.7mm. ID-0 5mm
AAT 7483C-22G 45° OD-0.7mm ID-0.5mm



AA - Stainless Steel, AAT - Titanium

SUB SONIC KELMAN

AAT 7484 -22G 0° OD-0 /mm ID-0 5mm
AAT 7484A -22G 15° OD-0.7mm, ID-0 5mm
AAT 7484B -22G 30°, OD-0 7 mm, ID-0 5mm
AAT 7484C -22G 45°, OD-0.7mm, ID-0.5mm



AA - MST PT27630

AAT 7487A -15° Phaco Tip (OD-1 1mm, ID-0.9mm)
AAT 7487B -30° Phaco Tip (OD-1.1mm, ID-0.9mm)



Phaco Tip Sleeve

Incisions of 1.8 mm
AA 8500



The phaco probe is an ultrasonic handpiece with a titanium or steel needle. The tip of the needle vibrates at ultrasonic frequency to sculpt and emulsify the cataract while the pump aspirates particles through the tip. In some techniques, a second fine steel instrument called a "chopper" is used from a side port to help with chopping the nucleus into smaller pieces. The cataract is usually broken into two or four pieces and each piece is emulsified and aspirated out with suction. The nucleus emulsification makes it easier to aspirate the particles. After removing all hard central lens nucleus with phacoemulsification, the softer outer lens cortex is removed with suction only.

Standard Handpiece (3/4")

With inner Irrigation
AA 9000



Slim model (1/2")

With Outer Irrigation
AA 9001



AA - Stainless Steel, AAT - Titanium

Orbital Phaco Handpiece

Having an outside diameter of 12 mm, an (35 grams) and completely made of Titanium with coaxial (irrigation and aspiration flow). The handpiece which is equipped with 6 piezo crystals.

AAT 9002



Fragmentome Handpiece

Having an outside diameter of 12 mm, an Internal infusion tube, being Light weight (35 grams) and completely made of Titanium (only aspiration flow). The handpiece which is equipped with 6 piezo crystals.

AAT 9003



Super Pinky Ball

For intraocular pressure reduction

AA 9020



Tenzel Bipolar forceps

Jeweler's type pointed tip, straight

AA 9100



McPherson

Bipolar forceps

AA 9110 straight



AA - Stainless Steel, AAT - Titanium

McPherson
Bipolar forceps
AA 9120 curved



McPherson
Bipolar forceps
AA 9130 angled



Bipolar Cord
Silicone,
Reusable
AA 9150



Bipolar Eraser
Autoclavable plastic
AA 9160 15°, 18 G
AA 9161 30°, 18 G
AA 9162 45°, 18 G
AA 9165 15°, 20 G
AA 9166 30°, 20 G
AA 9168 0°, 23 G
AA 9169 30°, 23 G



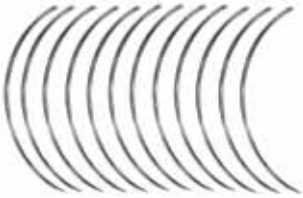
AA 9170
Endo Illumination Probe, Focus cable



Disposable Battery Cautery
Accessories and burners for elemental cautery
AA 9180



AA 9200 Spring Eye Cutting Needle
AA 9201 Reverse cutting Needle
AA 9202 Trauma Needles Full Curved



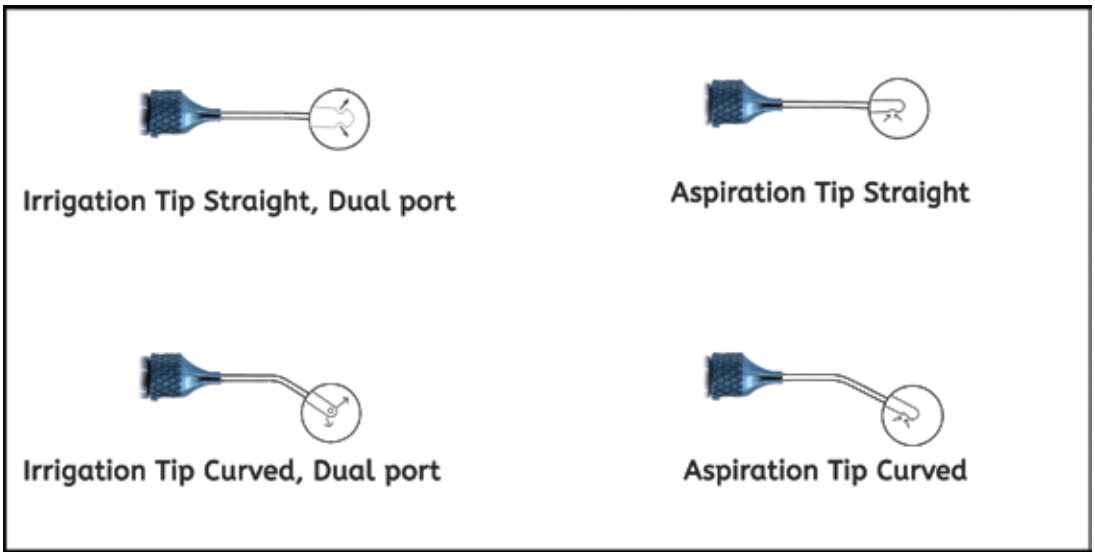
AA 9205
4/0 Suturing Silk Barraquer Black 100 meters



AA - Stainless Steel, AAT - Titanium







- Tip Interchangeable
- Designed for use in either side port
- Irrigation Handpiece - Gold colour
- Light Weight
- Autoclavable
- Aspiration Handpiece - Blue colour

AA - Stainless Steel, AAT - Titanium

- **APPASAMY** Bimanual I/A Handpiece are for bimanual irrigation and aspiration of residual cortex after phacoemulsification and removal of the nucleus.
- **For SUBINCISIONAL CORTEX,** the side port irrigation / aspiration system eliminates difficulties of access and provides superior chamber maintenance.
- **For SMALL PUPILS,** the irrigation handpiece can retract the Iris for better visualization during aspiration.
- **For DENSE NUCLEUS,** the irrigation cannula can crush nuclear chips and epi nuclear material into the port of the aspiration cannula.
- **For HIGHLY RETENTIVE VISCOELASTIC,** the irrigation cannula can wash the viscoelastic from behind the IOL before aspiration.
- **For POSTERIOR CAPSULE,** the textured surface of the cannula may be used to polish the posterior capsule.

AAT 7410/11	I/A Bimanual set
AAT 7410	Appasamy Aspirating Handle
AAT 7411	Appasamy Irriagting Handle

20 Gauge

AAT 7412	20G Aspiration 0.5mm Port
AAT 7436 A	20G Aspiration Sand Blasted
AAT 7432	20G Irrigation 0.50mm Port
AAT 7437 A	20G Irrigation Sand Blasted
AAT 7432 C	20G Irrigation Dual Over Ports 0.3mmx0.4mm

21 Gauge

AAT 7413	21G Aspiration 0.5mm Port
AAT 7436 B	21G Aspiration Sand Blasted
AAT 7413 B	21G Aspiration Conical Tip
AAT 7413 C	21G Aspiration Front Open
AAT 7433	21G Irrigation 0.50mm Port
AAT 7437 B	21G Irrigation Sand Blasted
AAT 7433 B	21G Irrigation Conical Tip
AAT 7433 C	21G Irrigation Front Open
AAT 7438A	21G Aspiration Sand Blasted Conical Tip
AAT 7438B	21G Irrigation Sand Blasted Conical Tip

22 Gauge

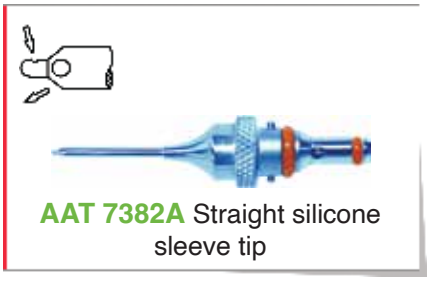
AAT 7413 A	22G Aspiration 0.3mm Port
AAT 7436 D	22G Aspiration Sand Blasted
AAT 7413 E	22G Aspiration Conical Tip
AAT 7433 A	22G Irrigation 0.5mm Port
AAT 7437 D	22G Irrigation Sand Blasted
AAT 7433 E	22G Irrigation Conical Tip
AAT 7433 G	22G Irrigation Dual Over Ports 0.3mmx0.4mm

23 Gauge

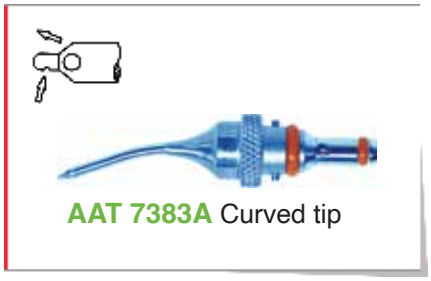
AAT 7414	23G Aspiration 0.3mm Port
AAT 7436 C	23G Aspiration Sand Blasted
AAT 7414 A	23G Aspiration Conical Tip
AAT 7434	23G Irrigation 0.3mm Port
AAT 7437 C	23G Irrigation Sand Blasted

AA - Stainless Steel, AAT - Titanium

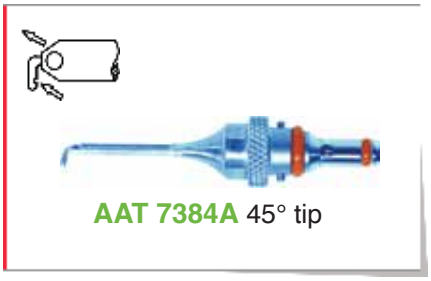




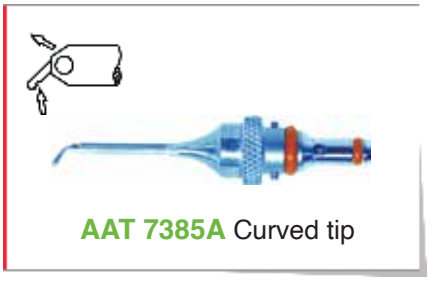
AAT 7382A Straight silicone sleeve tip



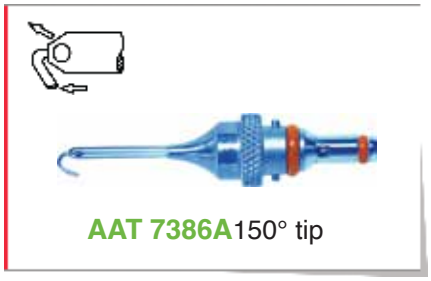
AAT 7383A Curved tip



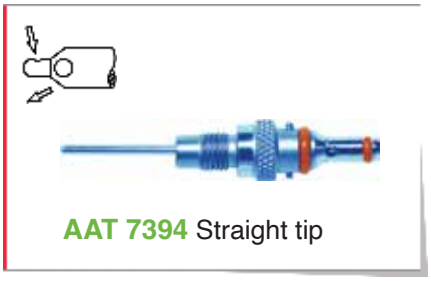
AAT 7384A 45° tip



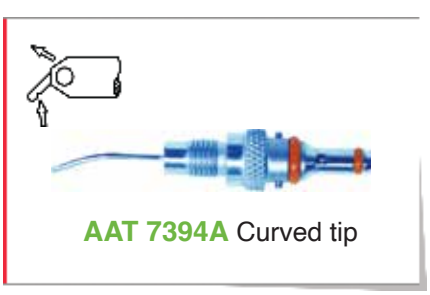
AAT 7385A Curved tip



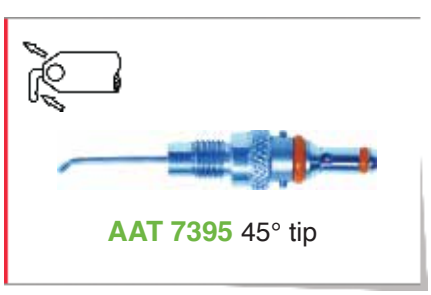
AAT 7386A 150° tip



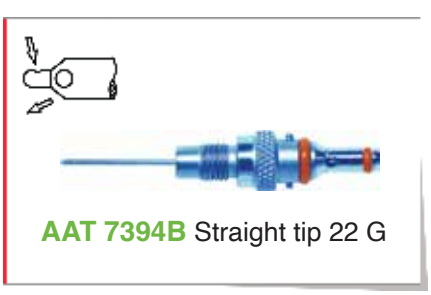
AAT 7394 Straight tip



AAT 7394A Curved tip



AAT 7395 45° tip



AAT 7394B Straight tip 22 G

LIGHT WEIGHT - BALANCED RAPID TIP INTERCHANGEABLE

AA - Stainless Steel, AAT - Titanium

AAT 7380 I/A Probe Set

AAT 7381 I/A prob handle only without lock

AAT 7382 Straight tip without pin: 0.3 mm aspiration port. Used for initial cortical extraction.

AAT 7382A Straight tip with pin: 0.3 mm aspiration port. Used for initial cortical extraction.

16 G irrigation cannula.

AAT 7383 Curved tip without pin: 0.3 mm aspiration port. Used for initial cortical extraction.

16 G irrigation cannula.

AAT 7383A Curved tip with pin: 0.3 mm aspiration port. Used for initial cortical extraction.

16 G irrigation cannula.

AAT 7384 45° angle tip without pin: 0.3 mm aspiration port. Used for peripheral cortical extraction

16 G irrigation cannula.

AAT 7384A 45° angle tip with pin: 0.3 mm aspiration port. Used for peripheral cortical extraction

16 G irrigation cannula.

AAT 7385A 90° angle tip: 0.3 mm aspiration port. Used for peripheral cortical extraction

16 G irrigation cannula.

AAT 7386 Binkhorst tip without pin: 150° return. 0.3 mm open end. Used for cotical extraction.

AAT 7386A Binkhorst tip with pin: 150° return. 0.3 mm open end. Used for cotical extraction.

At 12 O' clock. Return is designed for a 3 mm wound insertion. 16 G irrigation cannula.

AAT 7393 Round handle for with pin tip.

AAT 7394 Straight silicone sleeve tip 0.3 mm aspiration port. 19 G aspiration cannula.

AAT 7394A Curved silicone sleeve tip 0.3 mm aspiration port. 19 G aspiration cannula.

AAT 7394B Straight silicone sleeve tip 0.3mm aspiration port 22 G aspiration cannula

AAT 7395 straight silicone sleeve tip 0.3 mm aspiration port. 19 G aspiration cannula.

ELITE TURBO IRRIGATING CHOPPERS





Agarwal Chopper



'Y' Pusher



Endothelial Stripper

AAT 7390 Agarwal irrigating phaco chopper 20G Double port

AAT 7391 Agarwal irrigating Y Pusher 20G Double port

AAT 8325 Irrigating endothelial stripper 20 gauge tip set

AA - Stainless Steel, AAT - Titanium

Microsurgery Cataract & IOL Set.....

Microsurgery Cataract Set (Compact).....

Microsurgery IOL Set (Compact).....

Extracapsular Cataract Extraction (ECCE) Set.....

Microsurgery Small Incision Non-Phaco Set.....

Microsurgery ECCE-Phaco Emulsification Set.....

Intracapsular Cataract Extraction (ICCE) Set.....

Microsurgery Glaucoma Set.....

Microsurgery Corneal Transplant Set.....

Microsurgery LASIK Set.....

Microsurgery Lid Set.....

Microsurgery Chalazion Set.....

Microsurgery Muscle Set.....

Microsurgery Pterygium Set.....

Microsurgery Lacrimal (DCR) Set.....

Vitreo-Retinal Posterior Segment Set.....

Microsurgery Retina Set.....

Foreign Body Removal Set.....

Microsurgery Enucleation Set.....

Femtosecond Cataract Set.....

Endothelial Set (DSAEK Set).....

Deep Anterior Lamellar Keratoplasty (DALK) Set.....

DMEK Set.....

Implantable Contact Lens Set (ICL).....

LASIK Retreatment Set.....

Limbal Relaxation Incision (LRI) Set.....

Phakic Lens Set.....

Femtosecond LASIK Set.....

Intra Corneal Stromal Ring (ICSR) Set.....

Toric IOL Set.....

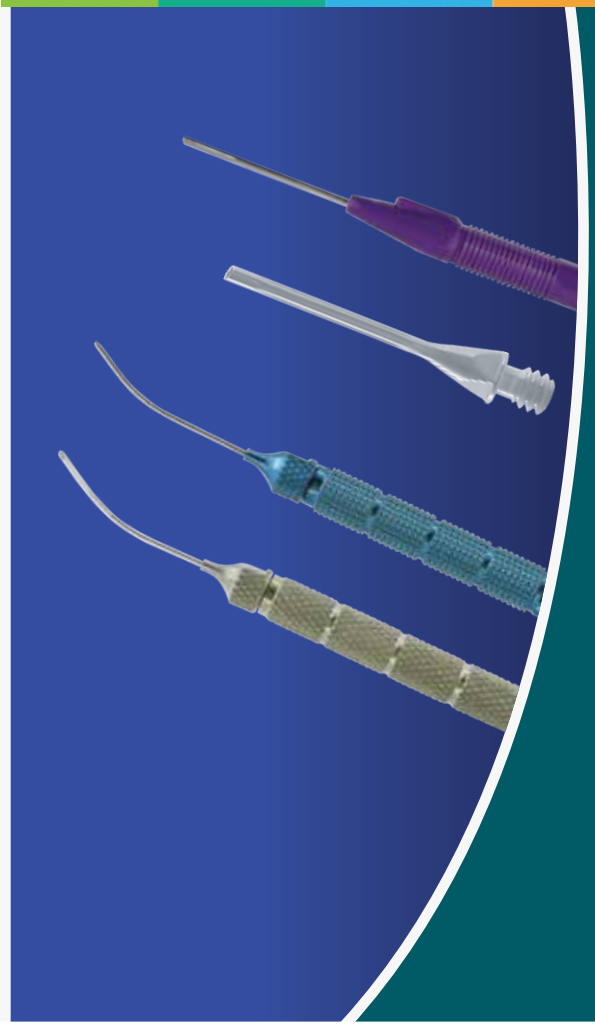
Minor Surgery Set.....

Phaco 1.8mm - Bimanual (MICS) Set.....

Phaco 2.2mm-Comics Prechop Set.....

Phaco 2.8mm-Cataract Clear Corneal Set.....

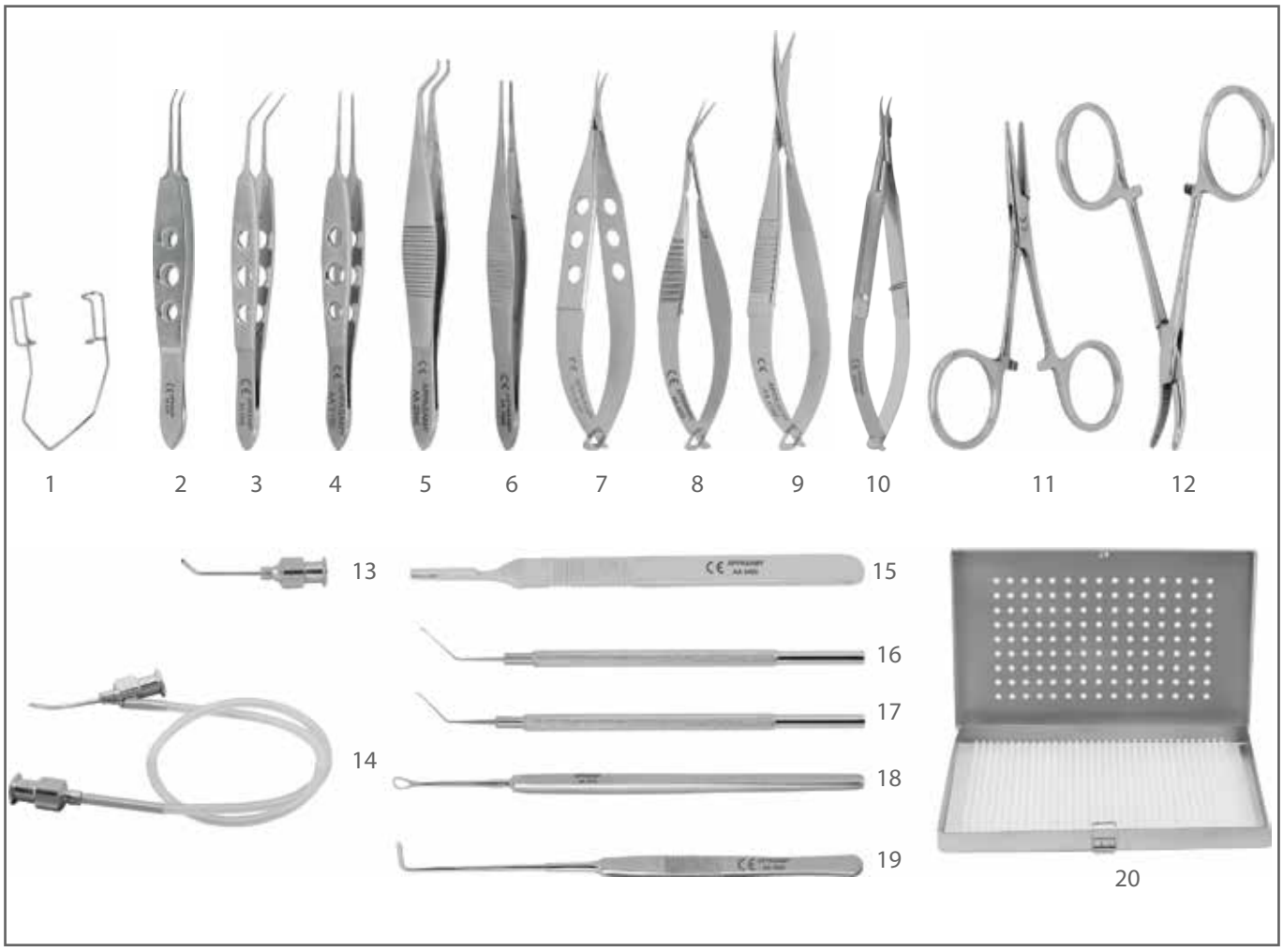
Manual Phaco Fracture Cataract Extraction (MSICS) Set.....



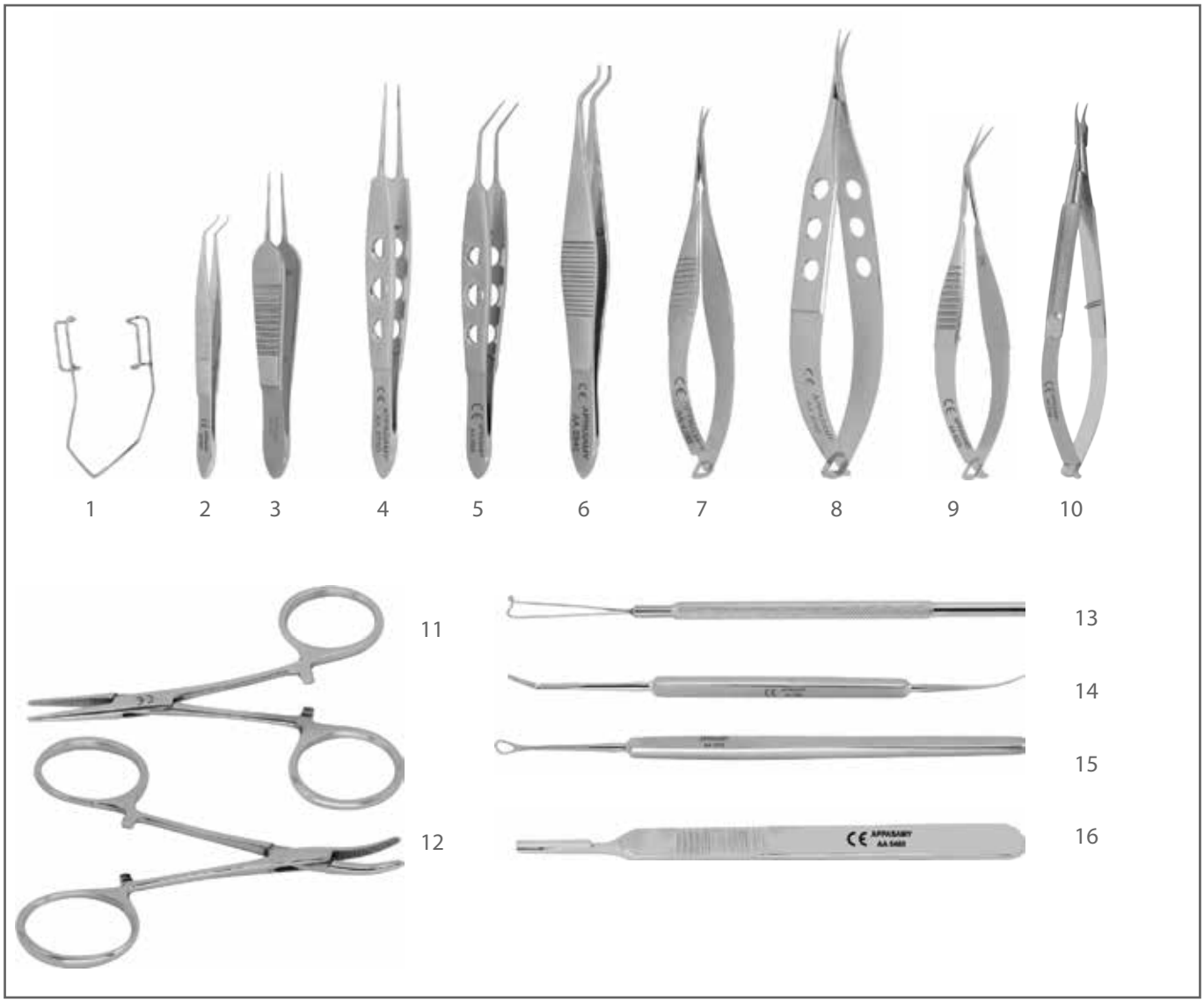
Stainless Steel Surgery Sets



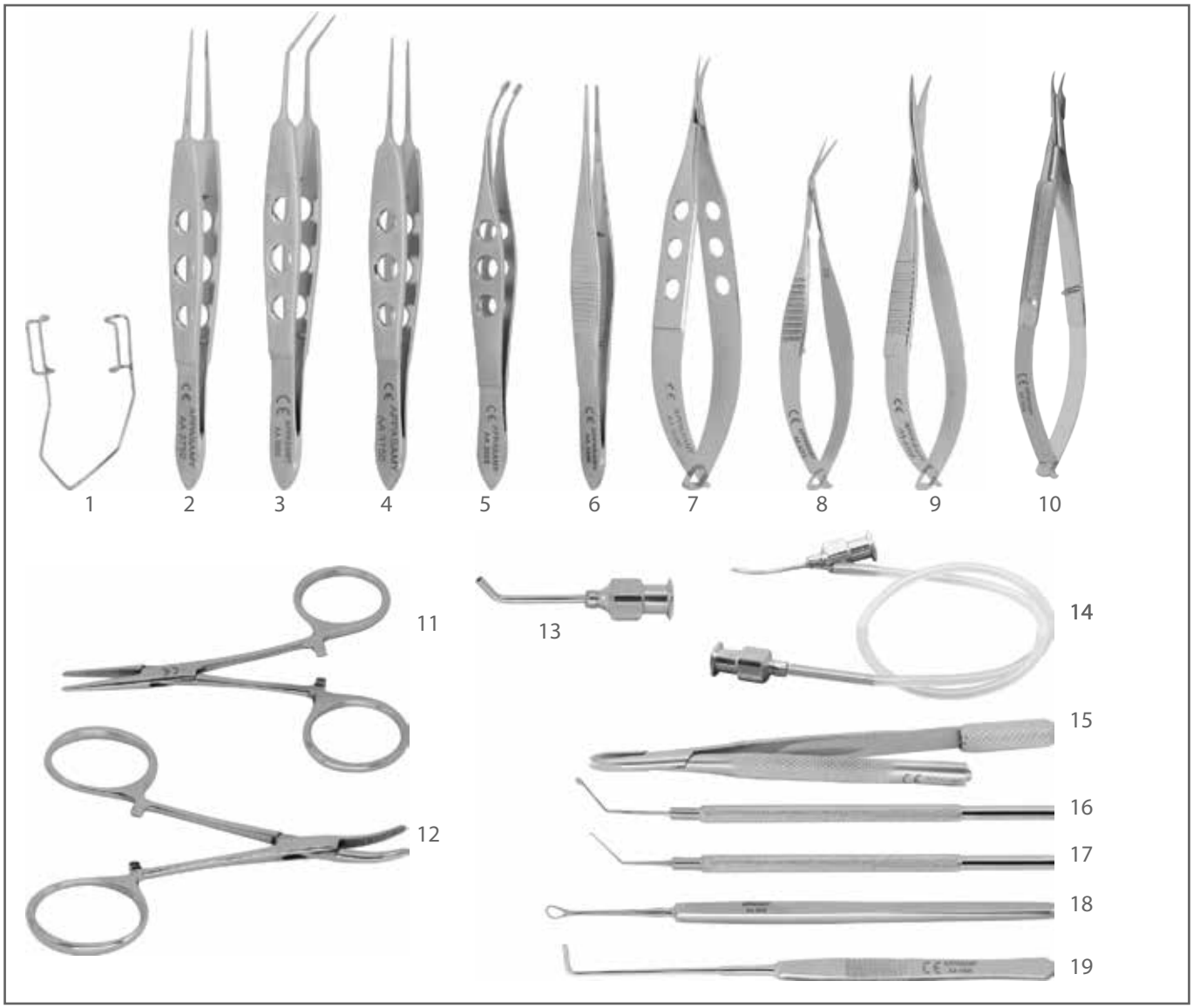
APPASAMY ASSOCIATES
Empowering Vision*



1. **AA 1009** Barraquer wire speculum, large
2. **AA 3755** Jaffe tying forceps smooth jaws with 5mm long platform curved
3. **AA 3805** McPherson IOL forceps, 11mm angled
4. **AA 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
5. **AA 3340** Dastoor superior rectus forceps,1 x 2 teeth
6. **AA 3460** Wills hospital utility forceps
7. **AA 4040** Castroviejo corneal scissors small blades
8. **AA 4275** Vannas capsulotomy scissors, 11mm angled
9. **AA 4180** Westcott stitch scissors
10. **AA 5145** Barraquer N.Holder short model micro jaws, without lock
11. **AA 3920** Hartman mosquito forceps straight
12. **AA 3925** Hartman mosquito forceps curved
13. **AA 7105** Rycroft air injection cannula, 23 G
14. **AA 7420** Simcoe I/A cannula 23 G direct
15. **AA 5460** Bard-Parker handle #3 flat
16. **AA 1993** Agarwal phaco chopper 1mm fully cutting edge
17. **AA 1465** Sinskey II lens manipulating hook angled
18. **AA 1915** Lewis lens loop, small
19. **AA 1860** Smith lens Expressor
20. **AA 8005** Sterilization box with silicone mat

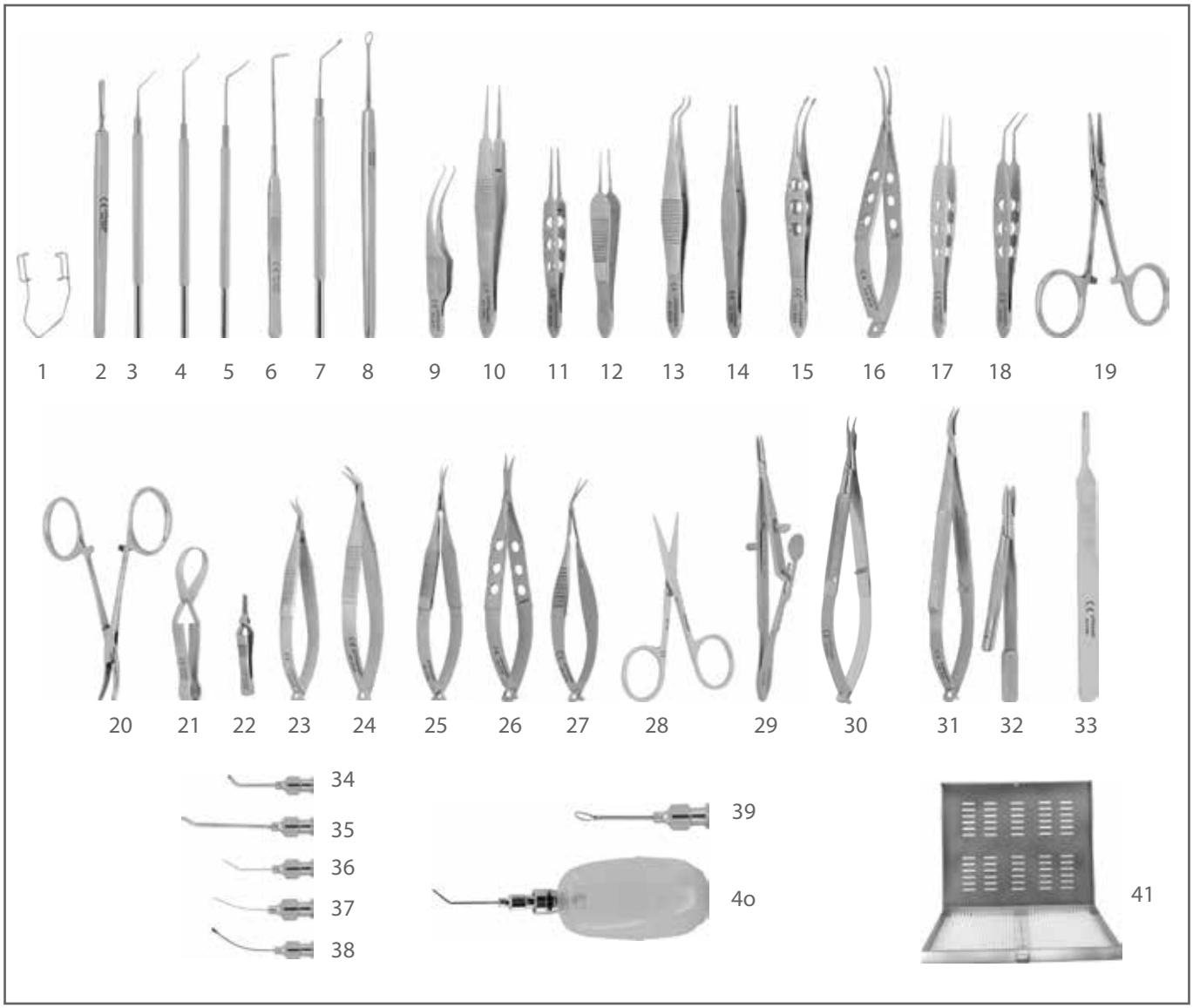


1. **AA 1009** Barraquer wire speculum, large
2. **AA 3025** Hess Iris forceps 1 x 2 teeth standard model
3. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
4. **AA 3750** Jaffe tying forceps smooth jaws with 5mm long platform straight
5. **AA 3805** McPherson IOL forceps, 11mm angled
6. **AA 3340** Dastoor superior rectus forceps, 1 x 2 teeth
7. **AA 4255** Vannas capsulotomy scissors, curved
8. **AA 4040** Castroviejo corneal scissors small blades
9. **AA 4275** Vannas capsulotomy scissors, 11mm angled
10. **AA 5145** Barraquer N.Holder short model micro jaws, without lock
11. **AA 3920** Hartman mosquito forceps straight
12. **AA 3925** Hartman mosquito forceps curved
13. **AA 1250** Dastoor Iris retractor straight
14. **AA 1685** Koman nair Iris spatula
15. **AA 1915** Lewis lens loop, small
16. **AA 5460** Bard-Parker handle #3 flat



1.**AA 1009** Barraquer wire speculum, large
2.**AA 3750** Jaffe tying forceps smooth jaws with 5mm long platform straight
3.**AA 3805** McPherson IOL forceps, 11mm angled
4.**AA 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
5.**AA 3505** Arruga capsule forceps
6.**AA 3460** Wills hospital utility forceps
7.**AA 4040** Castroviejo corneal scissors small blades
8.**AA 4275** Vannas capsulotomy scissors, 11mm angled
9.**AA 4180** Westcott stitch scissors
10.**AA 5145** Barraquer N.Holder short model micro jaws, without lock
11.**AA 3920** Hartman mosquito forceps straight
12.**AA 3925** Hartman mosquito forceps curved
13.**AA 7105** Rycroft air injection cannula, 23 G
14.**AA 7420** Simcoe I/A cannula 23 G direct
15.**AA 5405** Castroviejo blade breaker
16.**AA 1911** Nightingale capsule polisher, posterior
17.**AA 1465** Sinskey II lens manipulating hook angled
18.**AA 1915** Lewis lens loop, small
19.**AA 1860** Smith lens expressor

AA - Stainless Steel, AAT - Titanium



1. **AA 1009** Barraquer wire speculum, large
2. **AA 1370** Tooke corneal knife
3. **AA 1465** Sinskey II lens manipulating hook angled
4. **AA 1515** Kuglen Iris hook, angled
5. **AA 1655** Barraquer Iris spatula 0.25mm, angled
6. **AA 1860** Smith lens expressor
7. **AA 1911** Nightingale capsule polisher, posterior
8. **AA 1915** Lewis lens loop, small
9. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
10. **AA 3180** Castroviejo suturing forceps 0.12mm,1 x 2 teeth
11. **AA 3255** Bishop-Harmon tissue forceps delicate 0.8mm
12. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
13. **AA 3340** Dastoor superior rectus forceps,1 x 2 teeth
14. **AA 3460** Wills hospital utility forceps
15. **AA 3505** Arruga capsule forceps
16. **AA 3690** Shepard IOL forceps
17. **AA 3790** McPherson tying forceps long handle
18. **AA 3805** McPherson IOL forceps, 11mm angled
19. **AA 3920** Hartman mosquito forceps straight
20. **AA 3925** Hartman mosquito forceps curved
21. **AA 3945** Baby Jones towel clamp
22. **AA 3950** Serrefine small straight
23. **AA 4010** Castroviejo corneoscleral scissors[s] blade left
24. **AA 4015** Castroviejo corneoscleral scissors [s] blade right
25. **AA 4100** Micro Iris scissors curved pointed small blades
26. **AA 4155** Westcott tenotomy scissors
27. **AA 4275** Vannas capsulotomy scissors angle forward 11mm
28. **AA 4500** Iris scissors straight 3.5" length
29. **AA 5020** Kalt needle holder straight
30. **AA 5145** Barraquer N.Holder short model micro jaws, without lock
31. **AA 5185** Barraquer needle holder standard jaws, curved w/o lock
32. **AA 5420** Swiss model blade breaker and holder, small
33. **AA 5460** Bard-Parker handle #3 flat
34. **AA 7105** Rycroft air injection cannula, 23 G
35. **AA 7145** Anterior chamber washout cannula 16 G
36. **AA 7205** Pearce Hydrodissection cannula 35° angled,25 G
37. **AA 7230** Kellan Hydrodelineation cannula curved bevel tip 26 G
38. **AA 7605** Jensen capsule polisher sand blast olive tip,23 G
39. **AA 7705** Knolle-Pearce irrigating vectis [4mm wide,7mm long loop]
40. **AA 7830** Silicone bulb with adaptor
41. **AA 8020** Appasamy sterilization box with two silicone mats

AA - Stainless Steel, AAT - Titanium

Mini-Nucleus Technique (Blumenthal)



1 2 3 4 5 6 7 8 9 10 11 12 13 14

Snare Nucleus Dividing Technique



1
2
3
4
5

Kansas / McIntyre Nucleus Dividing Technique



1
2
3
4
5

Mini-nucleus technique (Blumenthal)

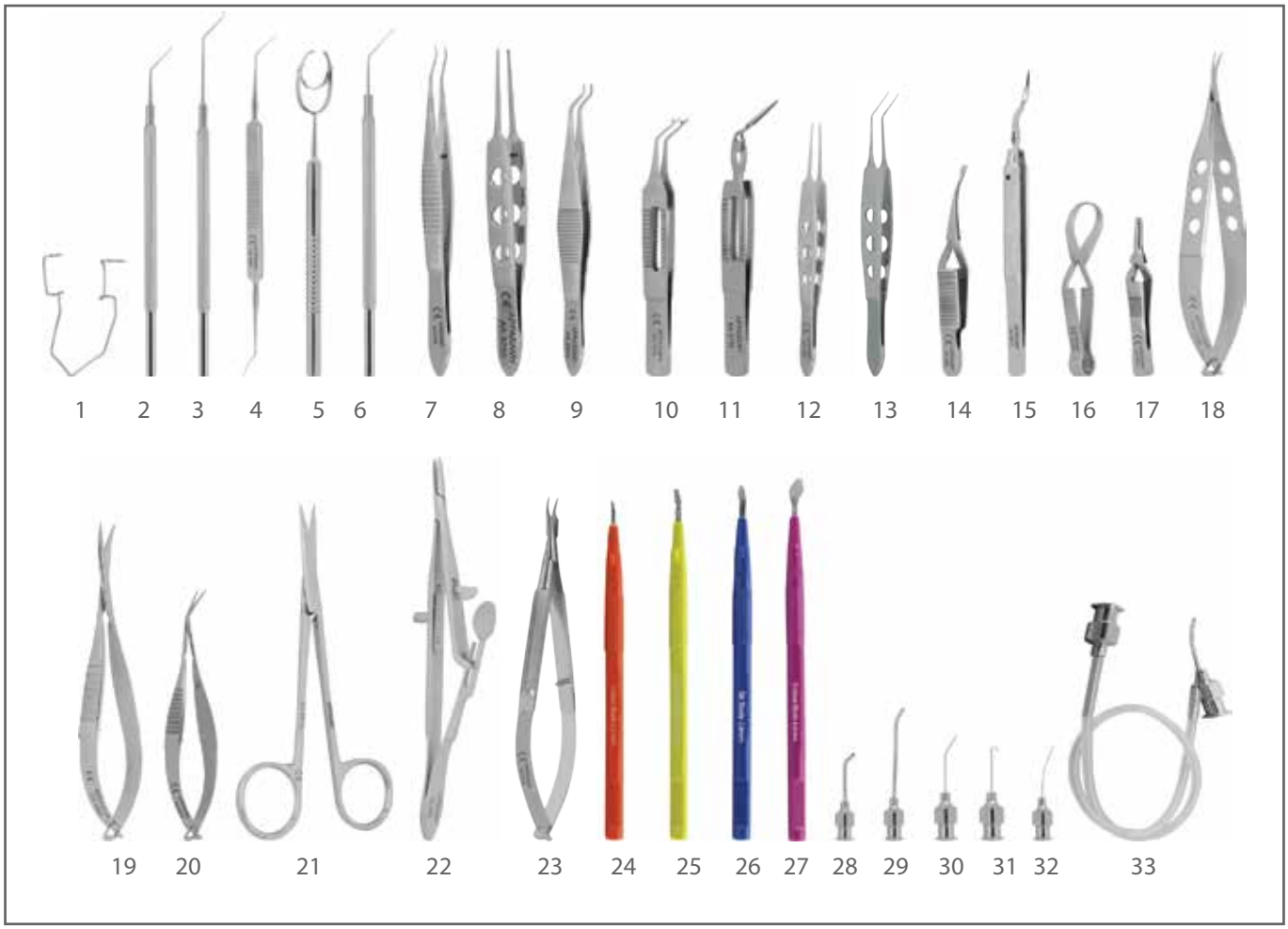
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1817** Shepard fixation ring
3. **AA 1993** Agarwal phaco chopper 1mm fully cutting edge
4. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
5. **AA 3180** Castroviejo suturing forceps 0.12mm,1 x 2 teeth
6. **AA 5420** Swiss model blade breaker and holder,small
7. **AA 560012** Lance knife (side port blade), 1.2mm
8. **AA 561021** Tunnel knife (crescent blade), 2.1mm
9. **AA 562028** Slit knife (Entry Keratome blade), 2.8mm
10. **AA 7150** Lewickly anterior chamber maintainer cannula
11. **AA 7200** Blumenthal cannula 25 G
12. **AA 7201** Blumenthal cannula 27G
13. **AA 7202** IOL glide silicone 35mm length x 5mm wide
14. **AA 7960** Infusion cannula size 2.5mm

Snare nucleus dividing technique

1. **AA 1935** Keener-Arlt lens loop strong curve
2. **AA 3908** Kansas nucleus removal forceps straight
3. **AA 7215** Gimbel 'U' shaped Hydrodissector,25 G
4. **AA 7705** Knolle-Pearce irrigating vectis [4mm wide, 7mm long loop]
5. **AA 1917** Appa -snare nucleus dividing snare, complete set

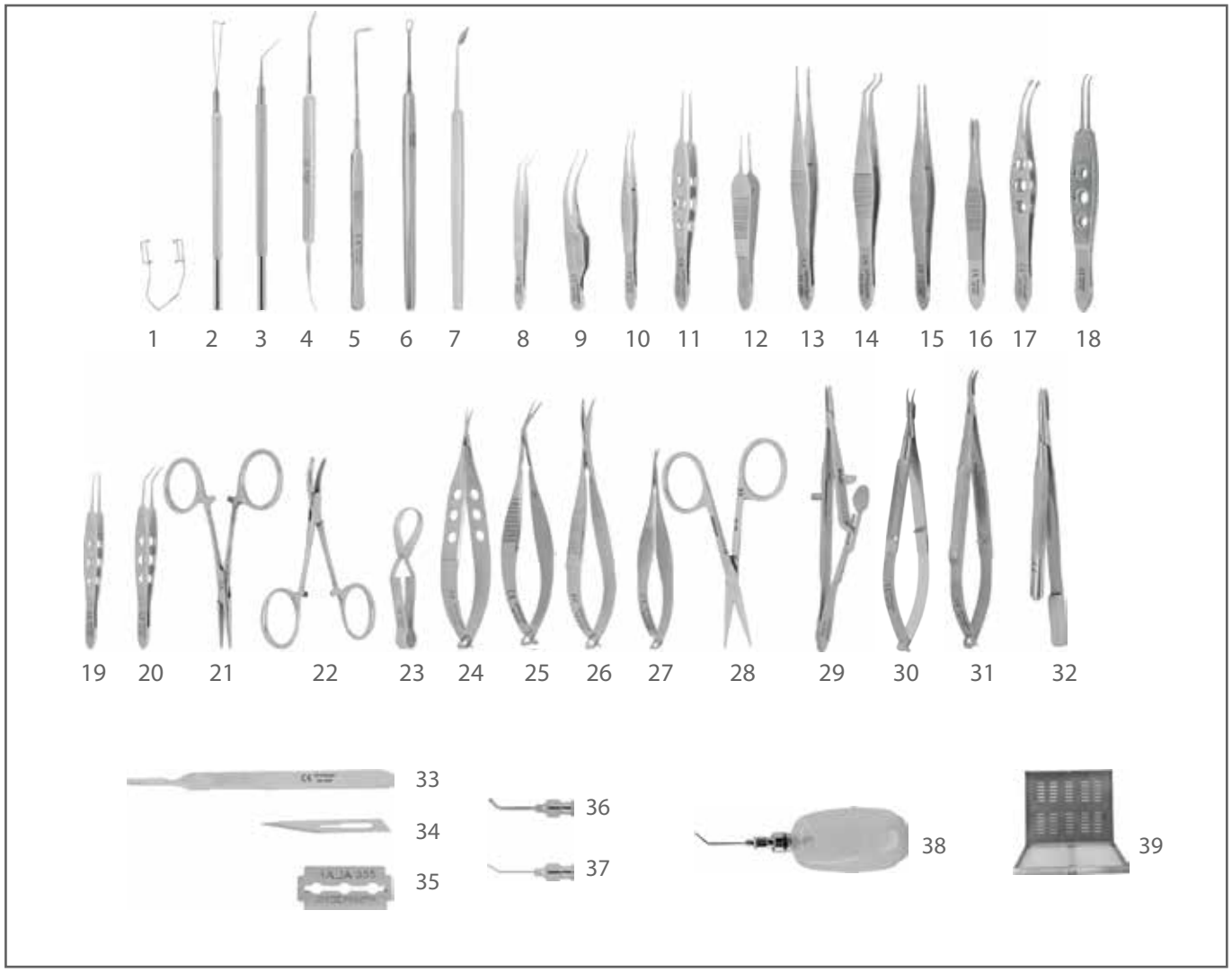
Kansas / McIntyre nucleus dividing technique

1. **AA 1965** Kansas nucleus bisector
2. **AA 1970** Kansas nucleus trisector right
3. **AA 1975** Kansas nucleus vectis solid right
4. **AA 7215** Gimbel 'U' shaped hydrodissector,25 G
5. **AA 7705** Knolle-Pearce irrigating vectis [4mm wide, 7mm long loop]

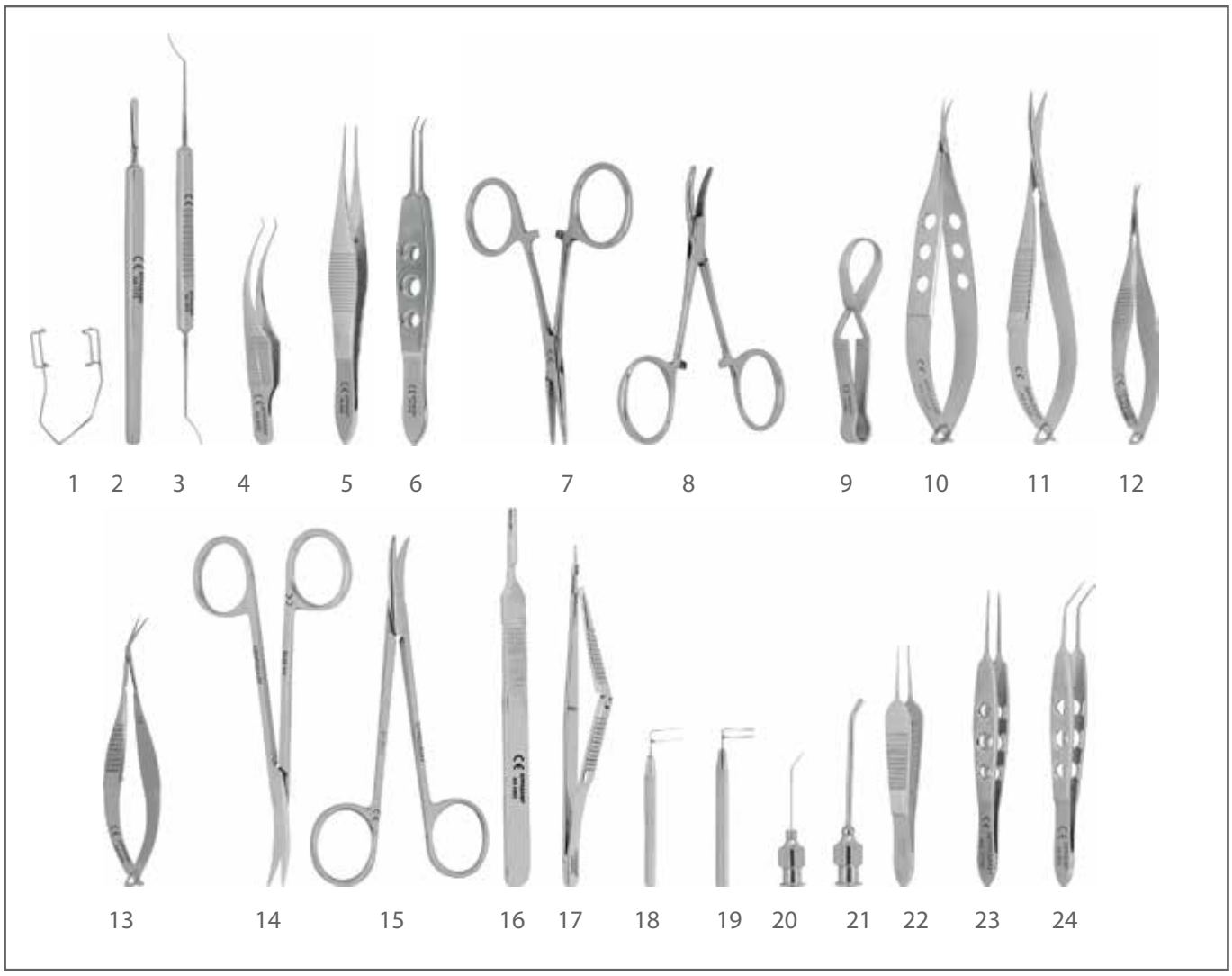


01.**AA 1025** Kratz -Barraquer wire speculum,big
02.**AA 1465** Sinskey II lens manipulating hook angled
03.**AA 1597** Akahoshi nucleus ball sustainer
04.**AA 1682** Castroviejo cyclodialysis spatula, 0.50mm wide
05.**AA 1817** Shepard fixation ring
06.**AA 1993** Agarwal phaco chopper 1mm fully cutting edge
07.**AA 3145** Lim's corneoscleral forceps 0.12mm,1 x 2 teeth
08.**AA 3255** Bishop-Harmon tissue forceps delicate 0.8mm
09.**AA 3340** Dastoor superior rectus forceps,1 x 2 teeth
10.**AA 3742** Appasamy lens folding forceps
11.**AA 3744** Appasamy lens inserting forceps cross action
12.**AA 3790** McPherson tying forceps St. Long handle
13.**AA 3855** Utrata capsulorhexis forceps, long straight shanks, flat handle
14.**AA 3906** Dodick nucleus cracking forceps
15.**AA 3914** Akahoshi phaco prechopper curved
16.**AA 3945** Baby Jones towel clamp
17.**AA 3950** Serrefine small straight
18.**AA 4040** Castroviejo corneal scissors small blades
19.**AA 4180** Westcott stitch scissors
20.**AA 4275** Vannas capsulotomy scissors, 11mm angled
21.**AA 4510** Eye scissors straight 4 1/2"length
22.**AA 5020** Kalt needle holder straight
23.**AA 5145** Barraquer N.Holder short model micro jaws,without lock
24.**AA 560012** Lance knife (side port blade), 1.2 mm
25.**AA 561021** Tunnel knife (crescent blade), 2.1 mm
26.**AA 562028** Slit knife (Entry Keratome blade), 2.8 mm
27.**AA 563050** Slit Enlarge knife (IOL Implant blade), 5.0 mm
28.**AA 7105** Rycroft air injection cannula, 23 G
29.**AA 7145** Anterior chamber washout cannula 16 G
30.**AA 7205** Pearce hydrodissection cannula , 35^{0}.Angled 25 G
31.**AA 7215** Gimbel 'U' shaped hydrodissector,25 G
32.**AA 7230** Kellan hydrodelineation cannula curved bevel tip 25 G
33.**AA 7420** Simcoe I/A cannula 23 G direct

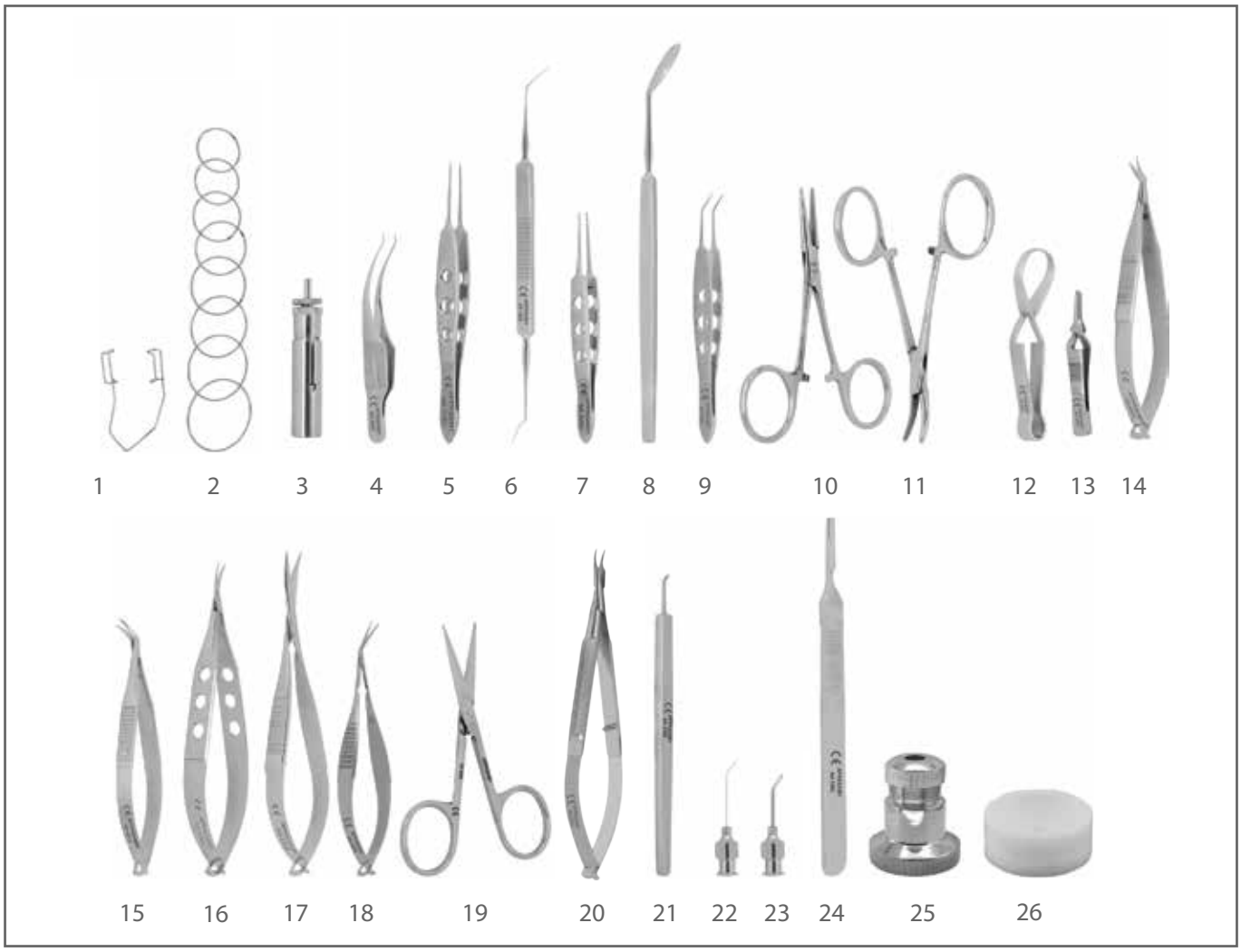
AA - Stainless Steel, AAT - Titanium



1. **AA 1009** Barraquer wire speculum, large
2. **AA 1250** Dastoor Iris retractor straight
3. **AA 1465** Sinskey II lens manipulating hook angled
4. **AA 1685** Koman nair Iris spatula double
5. **AA 1860** Smith lens expressor
6. **AA 1915** Lewis lens loop, small
7. **AA 1963** Cautery cone type copper
8. **AA 3025** Hess Iris forceps 1 x 2 teeth standard model
9. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
10. **AA 3145** Lims corneoscleral forceps 0.12mm,1 x 2 teeth
11. **AA 3150** McPherson corneal forceps st.0.4mm 1 x 2 teeth
12. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
13. **AA 3300** Fixation forceps 1 x 2 teeth
14. **AA 3340** Dastoor superior rectus forceps,1 x 2 teeth
15. **AA 3460** Wills hospital utility forceps
16. **AA 3485** Beer cilia forceps
17. **AA 3505** Arruga capsule forceps
18. **AA 3755** Jaffe tying forceps smooth jaws with 5mm long platform curved
19. **AA 3790** McPherson tying forceps St. Long handle
20. **AA 3805** McPherson IOL forceps, 11mm angled
21. **AA 3920** Hartman mosquito forceps straight
22. **AA 3925** Hartman mosquito forceps curved
23. **AA 3945** Baby Jones towel clamp
24. **AA 4040** Castroviejo corneal scissors small blades
25. **AA 4275** Vannas capsulotomy scissors angle forward 11mm
26. **AA 4180** Westcott stitch scissors
27. **AA 4255** Vannas capsulotomy scissors, curved
28. **AA 4500** Iris scissors straight 3.5" length
29. **AA 5020** Kalt needle holder straight
30. **AA 5145** Barraquer N.Holder short model micro jaws, without lock
31. **AA 5185** Barraquer N.Holder standard jaws,curved w/o lock
32. **AA 5405** Castroviejo blade breaker and holder, big
33. **AA 5460** Bard-Parker handle #3 flat
34. **AA 5560** Bard-Parker # 11 blade
35. **AA 5570** Carbon razor blade
36. **AA 7105** Rycroft air injection cannula, 23 G
37. **AA 7135** Bishop-Harmon anterior champer cannula 19 G
38. **AA 7830** Silicone bulb with adaptor
39. **AA 8020** Appasamy sterilization box with two silicone mats



1. **AA 1009** Barraquer wire speculum, large
2. **AA 1370** Tooke corneal knife
3. **AA 1670** Castroviejo synechiae spatula, double ended
4. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
5. **AA 3450** Eye dressing forceps straight
6. **AA 3755** Jaffe tying forceps smooth jaws with 5mm long platform curved
7. **AA 3920** Hartman mosquito forceps straight
8. **AA 3925** Hartman mosquito forceps curved
9. **AA 3945** Baby Jones towel clamp
10. **AA 4040** Castroviejo corneal scissors small blades
11. **AA 4180** Westcott stitch scissors
12. **AA 4255** Vannas capsulotomy scissors, curved
13. **AA 4275** Vannas capsulotomy scissors, 11mm angled
14. **AA 4515** Eye scissors curved 4 1/2" length
15. **AA 4535** Stevens tenotomy scissors curved
16. **AA 5460** Bard-Parker handle #3 flat
17. **AA 6070** Kelly descemet membrane punch,1.0mm
18. **AA 6160** Harms trabeculotomy probe right
19. **AA 6170** Harms trabeculotomy probe left
20. **AA 7107** Rycroft air injection cannula 27 G
21. **AA 7145** Anterior chamber washout cannula 16 G
22. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
23. **AA 3150** McPherson corneal forceps st. 0.4mm 1 x 2 teeth
24. **AA 3805** McPherson IOL forceps, 11mm angled

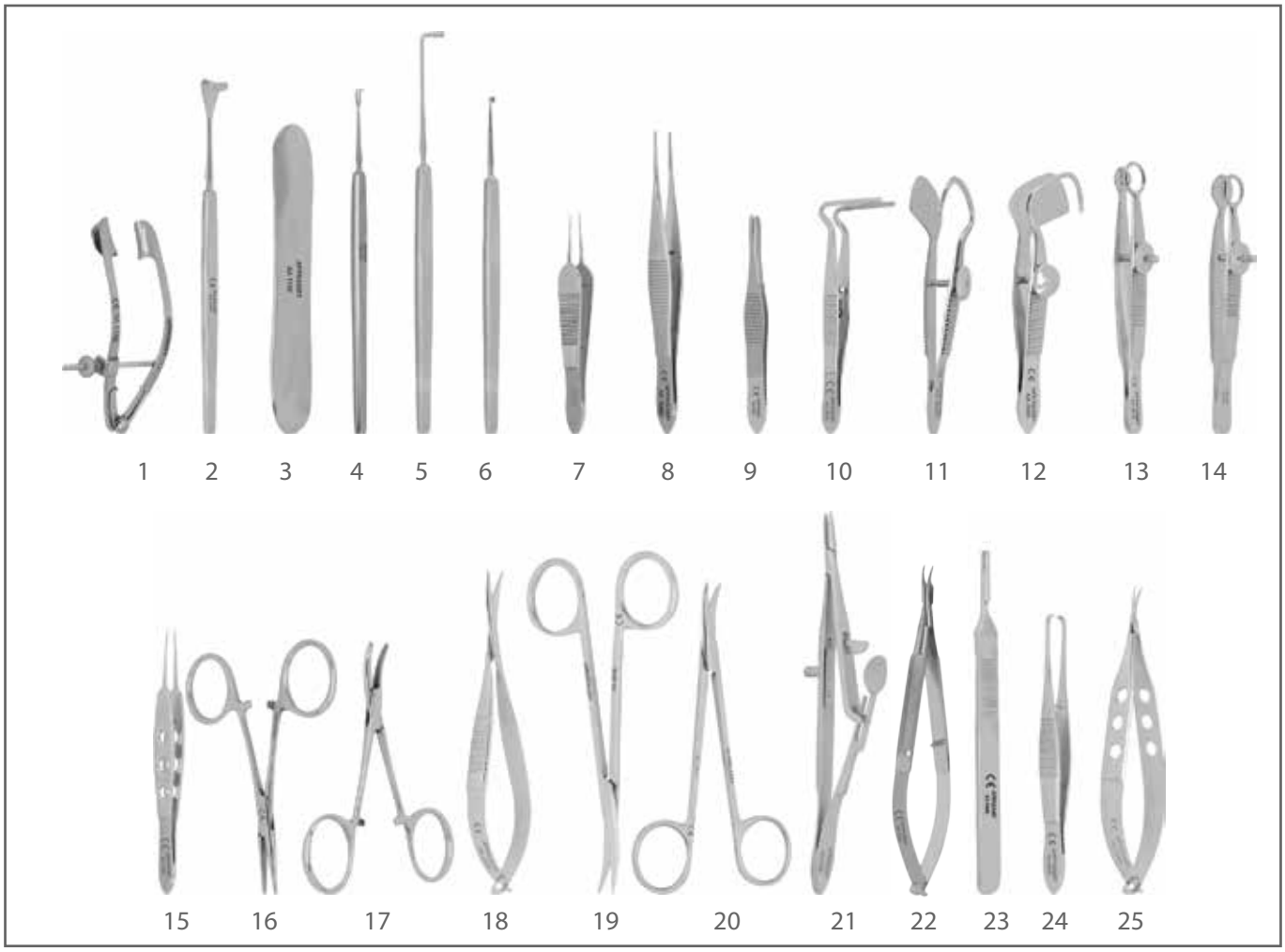


01.**AA 1009** Barraquer wire speculum, large
02.**AA 1280** Flieringa scleral fixation ring (set of 8 sizes)
03.**AA 2015** Castroviejo corneal trephine size 7.5mm Dia
04.**AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
05.**AA 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
06.**AA 1682** Castroviejo cyclodialysis spatula, 0.50mm wide
07.**AA 3255** Bishop-Harmon tissue forceps delicate 0.8mm
08.**AA 2040** Dastoor keratoplasty spatula
09.**AA 3800** Kelman-McPherson forceps 7.5mm angle long handle
10.**AA 3920** Hartman mosquito forceps straight
11.**AA 3925** Hartman mosquito forceps curved
12.**AA 3945** Baby Jones towel clamp
13.**AA 3950** Serrefine small straight
14.**AA 4010** Castroviejo corneoscleral scissors[s] blade left
15.**AA 4015** Castroviejo corneoscleral scissors [s] blade right
16.**AA 4040** Castroviejo corneal scissors small blades
17.**AA 4180** Westcott stitch scissors
18.**AA 4275** Vannas capsulotomy scissors, 11mm angled
19.**AA 4500** Iris scissors straight 3.5" length
20.**AA 5145** Barraquer N.Holder short model micro jaws, without lock
21.**AA 1360** Paufique graft knife
22.**AA 7107** Rycroft air injection cannula 27 G
23.**AA 7125** Bracken A/C cannula curved 24 G
24.**AA 5460** Bard-Parker handle #3 flat
25.**AA 2050** Tudor thomas corneal graft stand
26.**AA 2060** Lieberman corneal cutting block teflon

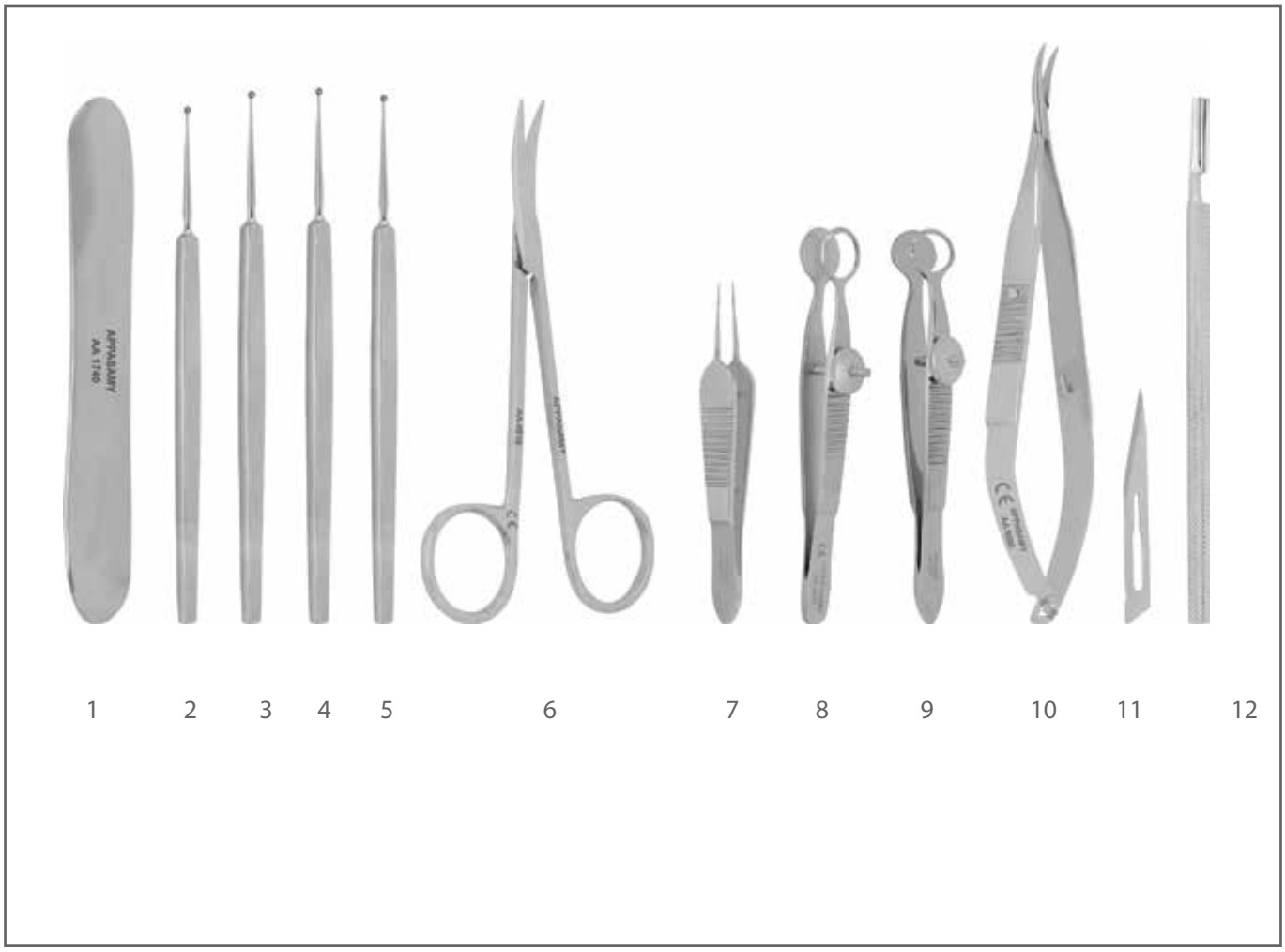


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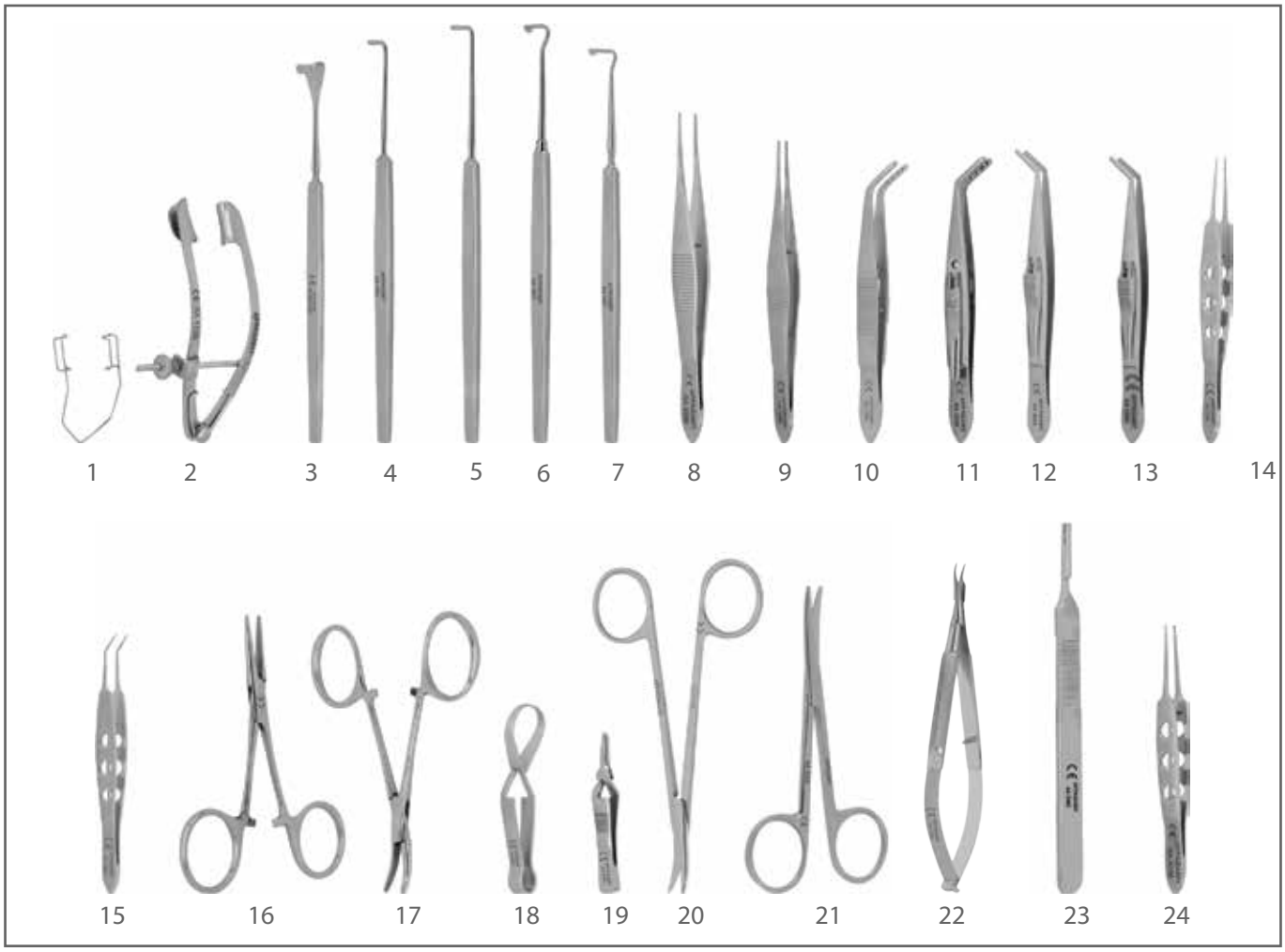
01.**AA 1195** Castroviejo LASIK speculum
02.**AA 1308** LASIK depressor
03.**AA 1683** Slade LASIK retreatment spatula
04.**AA 7855** Vidaurri LASIK flap irrigator
05.**AA 7891** Rubenstein LASIK irrigating cannula
06.**AA 8005** Sterilization box with silicone mat



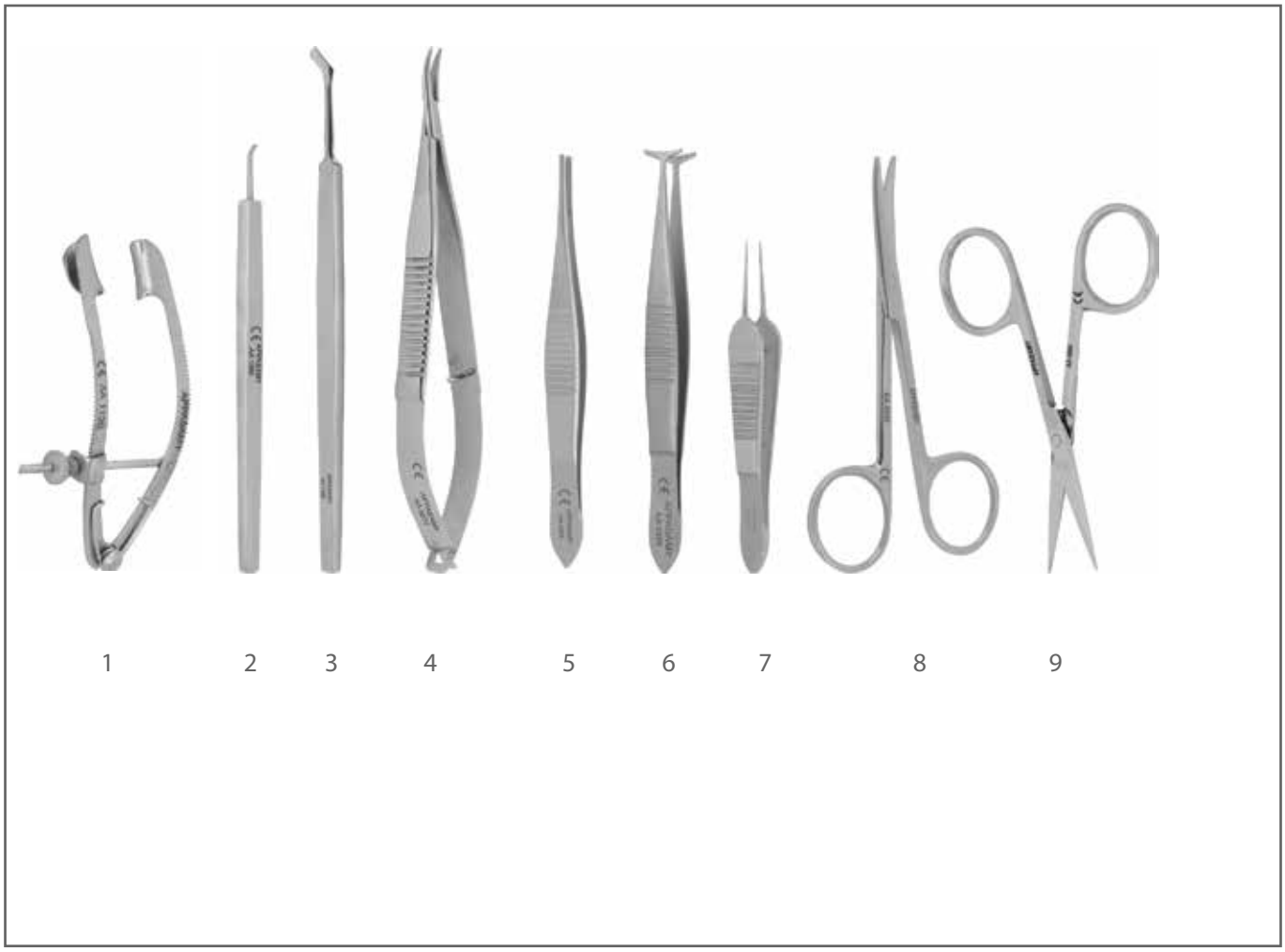
01.**AA 1120** Lancaster eye speculum
02.**AA 1260** Desmarres lid retractor size 0
03.**AA 1740** Jaeger lid plate
04.**AA 1810** Fixation hook double sharp 2.0 x 1.5mm small
05.**AA 1827** Graefe muscle hook size 3
06.**AA 1877** Meyerhoefer chalazion curette size 2
07.**AA 3275** St.Martin suturing forceps, 1 x 2 teeth
08.**AA 3300** Fixation forceps 1 x 2 teeth
09.**AA 3485** Beer cilia forceps
10.**AA 3565** Berke ptosis forceps 20mm
11.**AA 3600** Snellen entropium forceps left small
12.**AA 3605** Snellen entropium forceps right small
13.**AA 3615** Ayer chalazion forceps
14.**AA 3620** Lambert chalazion forceps
15.**AA 3790** McPherson tying forceps st. Long handle
16.**AA 3920** Hartman mosquito forceps straight
17.**AA 3925** Hartman mosquito forceps curved
18.**AA 4180** Westcott Tenotomy scissors curved,
19.**AA 4515** Eye scissors curved 4 1/2" length
20.**AA 4535** Stevens tenotomy scissors curved
21.**AA 5020** Kalt needle holder straight
22.**AA 5145** Barraquer N.Holder short model m.Jaws,w/o lock
23 **AA 5460** Bard-Parker handle #3 flat
24.**AA 3310** Fixation forceps-2x3 teeth angular
25.**AA 4040** Castroviejo corneal scissors small blades



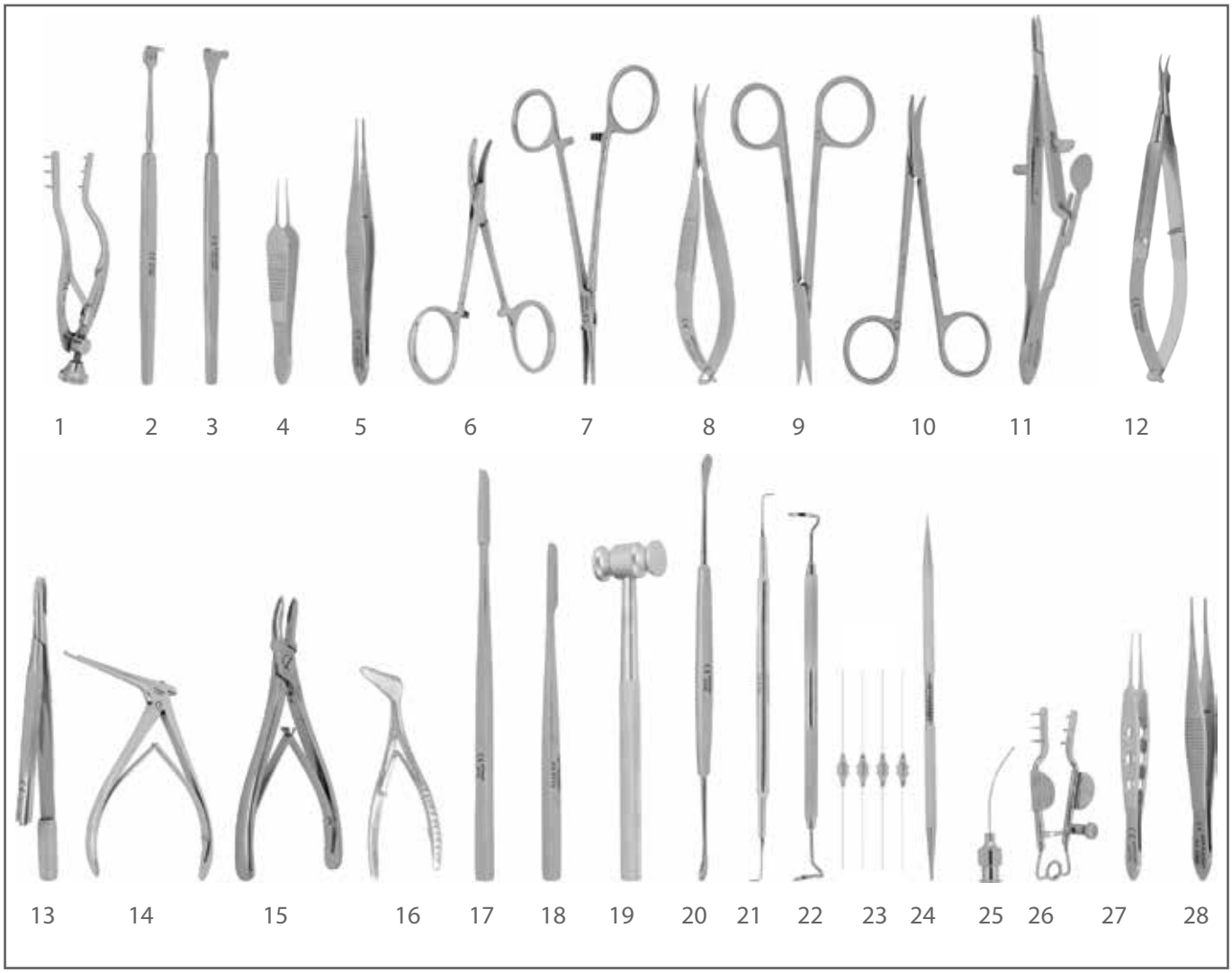
01.**AA 1740** Jaeger lid plate
02.**AA 1875** Meyerhoefer chalazion curette size 0, 1.50mm Dia
03.**AA 1876** Meyerhoefer chalazion curette size 1, 1.75mm Dia
04.**AA 1877** Meyerhoefer chalazion curette size 2, 2.25mm Dia
05.**AA 1878** Meyerhoefer chalazion curette size 3, 3.0mm Dia
06.**AA 4515** Eye scissors curved 4 1/2" length
07.**AA 3275** St.Martin suturing forceps, 1 x 2 teeth
08.**AA 3630** Hunt chalazion forceps, 12mm Dia
09.**AA 3625** Desmarres chalazion forceps 13mm Dia
10.**AA 5090** Castroviejo N.Holder std jaws curved with lock
11.**AA 5560** Bard-Parker blade #11
12.**AA 5465** Bard-Parker handle #3 round handle



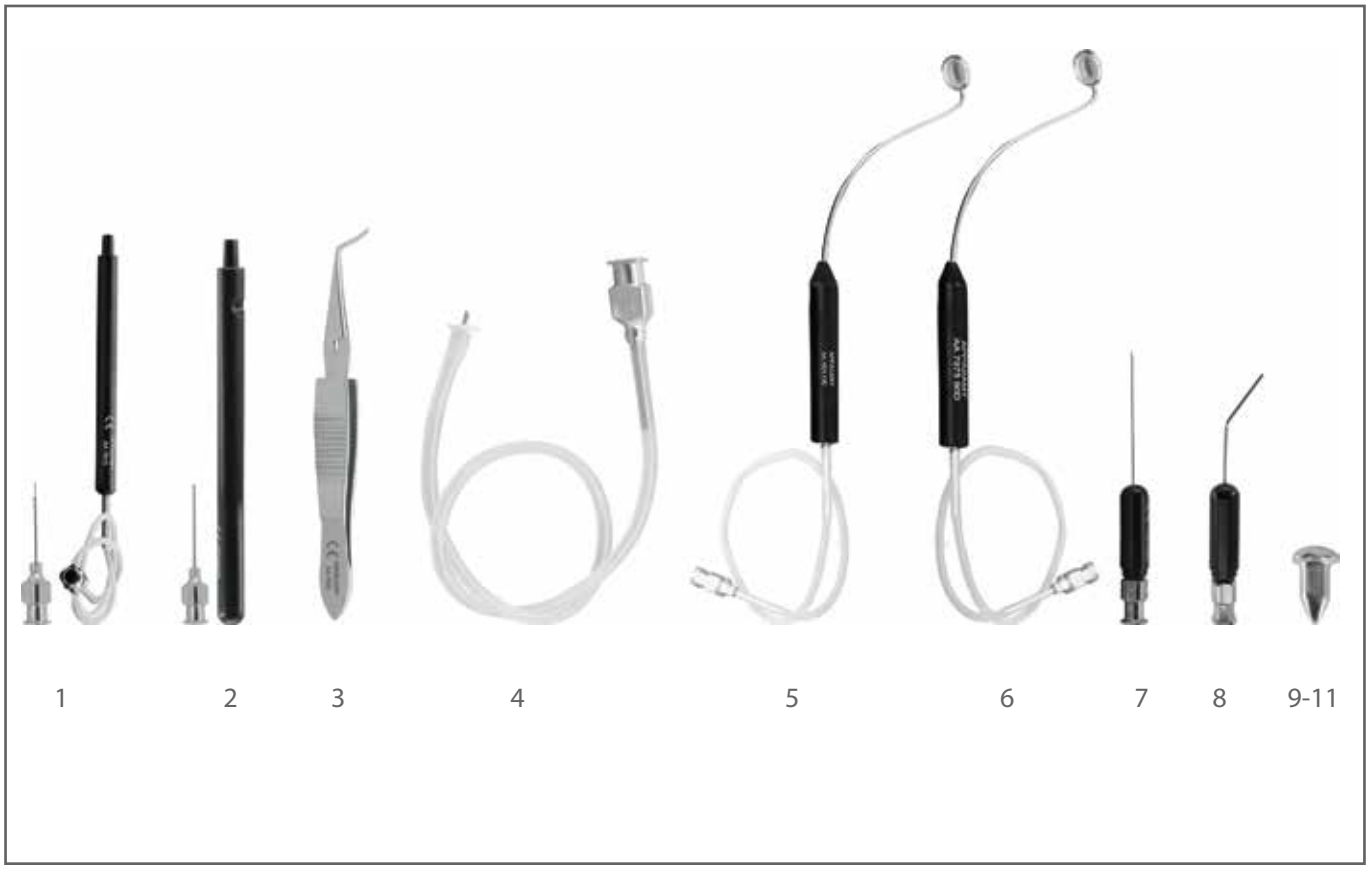
01.**AA 1009** Barraquer wire speculum, large
02.**AA 1120** Lancaster eye speculum
03.**AA 1260** Desmarres lid retractor size 0
04.**AA 1825** Graefe muscle hook size 1
05.**AA 1826** Graefe muscle hook size 2
06.**AA 1835** Jameson muscle hook small
07.**AA 1837** Jameson muscle hook large
08.**AA 3300** Fixation forceps 1 x 2 teeth
09.**AA 3460** Wills hospital utility forceps
10.**AA 3535** Jameson muscle forceps left child 4 teeth
11.**AA 3540** Jameson muscle forceps right child 4 teeth
12.**AA 3555** Worth advancement forceps left
13.**AA 3560** Worth advancement forceps right
14.**AA 3790** McPherson tying forceps st. Long handle
15.**AA 3800** Kelman-McPherson forceps 7.5mm angle long handle
16.**AA 3920** Hartman mosquito forceps straight
17.**AA 3925** Hartman mosquito forceps curved
18.**AA 3945** Baby Jones towel clamp
19.**AA 3950** Serrefine small straight
20.**AA 4535** Stevens tenotomy scissors curved
21.**AA 4555** Knapp strabismus scissors curved
22.**AA 5145** Barraquer N.Holder short model m.Jaws, w/o lock
23.**AA 5460** Bard-Parker handle #3 flat
24.**AA 3255** Bishop-Harmon tissue forceps delicate 0.8mm



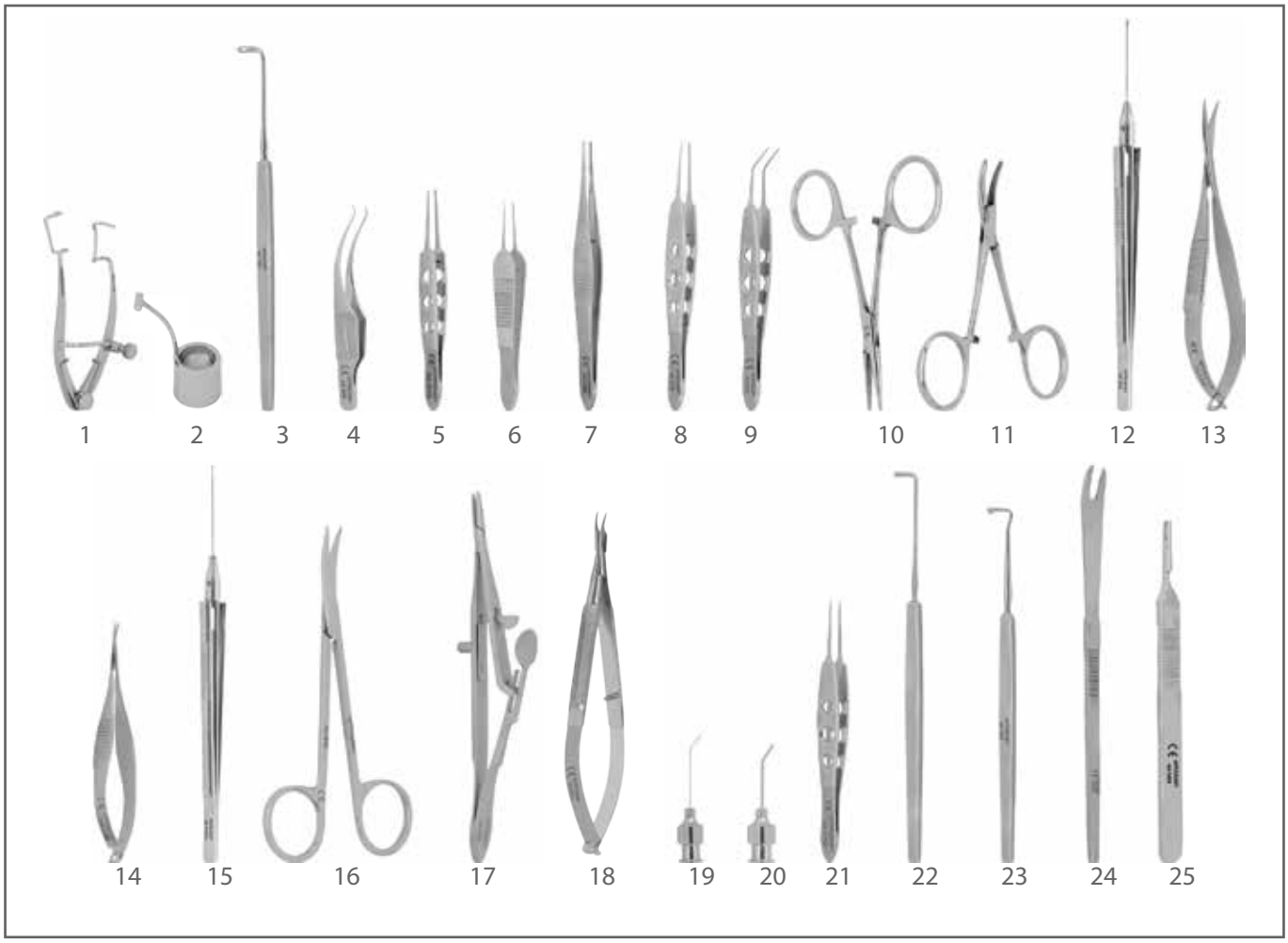
01.**AA 1120** Lancaster eye speculum
02.**AA 1360** Paufique graft knife
03.**AA 1390** Paton corneal dissector
04.**AA 5075** Castroviejo N.Holder deli. Jaws curved without lock
05.**AA 3465** Bonaccolto utility forceps 1.2mm wide
06.**AA 3325** Green fixation forceps 10mm wide jaws
07.**AA 3275** St.Martin suturing forceps, 1 x 2 teeth
08.**AA 4555** Knapp strabismus scissors curved
09.**AA 4500** Iris scissors straight 3.5" length



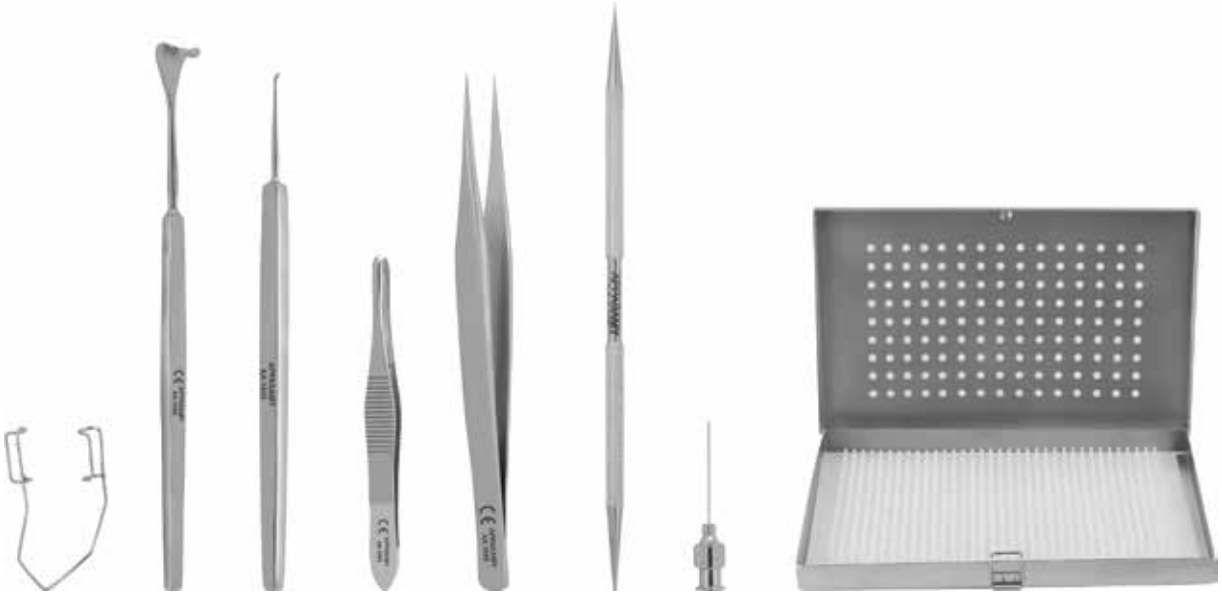
01.**AA 1200** Stevenson lacrimal sac retractor, 3x3 blunt prongs
02.**AA 1220** Knapp lacrimal sac retractor blunt
03.**AA 1260** Desmarres lid retractor size 0
04.**AA 3275** St.Martin suturing forceps, 1 x 2 teeth
05.**AA 3460** Wills hospital utility forceps
06.**AA 3925** Hartman mosquito forceps curved
07.**AA 3930** Halsted mosquito forceps straight
08.**AA 4180** Westcott Tenotomy scissors curved,
09.**AA 4510** Eye scissors straight 4 1/2"length
10.**AA 4535** Stevens tenotomy scissors curved
11.**AA 5020** Kalt needle holder straight
12.**AA 5145** Barraquer N.Holder short model m.Jaws,w/o lock
13.**AA 5405** Castroviejo blade breaker and holder,big
14.**AA 6010** Kerrison bone nibbling ronguer size 0
15.**AA 6030** Beyer bone nibbling ronguer single action
16.**AA 6040** Nasal speculum infant
17.**AA 6100** West lacrimal chisel straight
18.**AA 6110** West bone gouge
19.**AA 6120** Mallet for DCR
20.**AA 6130** Freer periosteal elevator
21.**AA 6140** Traquair periosteal elevator
22.**AA 6150** Pigtail probe with suture holes
23.**AA 6175** Bowman lacrimal probe set, malleable stainless steel
24.**AA 6440** Castroviejo lacrimal dialator (double end)
25.**AA 7040** West lacrimal cannula blunt tip with side port
26.**AA 1185** Mueller lacrimal sac retractor
27.**AA 3790** McPherson tying forceps St.Long handle
28.**AA 3300** Fixation forceps 1 x 2 teeth



01.**AA 7915** Tapered extrusion handpiece cannula
02.**AA 7920** Charles flute needle cannula
03.**AA 7925** Scleral plug holding forceps
04.**AA 7960** Infusion cannula 2.5 mm, Beveled tip
05.**AA 7970** 45 Diopter irrigating contact lens
06.**AA 7975** 90 Diopter irrigating contact lens
07.**AA 7980** Membrane peeler
08.**AA 7985** May 30° bent needle
09.**AA 7950** Scleral plug, 18 G
10.**AA 7951** Scleral plug, 19 G
11.**AA 7952** Scleral plug, 20 G



01.**AA 1090** Clark eye speculum small
02.**AA 1305** Schepens Scleral depressor with thimble Medium #10
03.**AA 1830** Gass Retinal detachment hook
04.**AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
05.**AA 3255** Bishop-Harmon tissue forceps delicate 0.8mm
06.**AA 3275** St.Martin suturing forceps, 1 x 2 teeth
07.**AA 3460** Wills hospital utility forceps
08.**AA 3790** McPherson tying forceps straight long handle
09.**AA 3805** McPherson IOL forceps, 11mm angled
10.**AA 3920** Hartman mosquito forceps straight
11.**AA 3925** Hartman mosquito forceps curved
12.**AA 3960** Vitreous forceps 20 G smooth jaws,straight
13.**AA 4180** Westcott Tenotomy scissors Curved
14.**AA 4255** Vannas capsulotomy scissors, curved
15.**AA 4450** Vitreous scissors 20 G straight
16.**AA 4515** Eye scissors curved 4 1/2" length
17.**AA 5020** Kalt needle holder straight
18.**AA 5145** Barraquer N.Holder short model micro jaws, w/o lock
19.**AA 7107** Rycroft air injection cannula 27 G
20.**AA 7135** Bishop-Harmon anterior champer cannula 19 G
21.**AA 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
22.**AA 1827** Graefe Muscle hook size 3
23.**AA 1837** Jameson muscle hook large
24.**AA 1270** Schepens forked orbital retractor
25.**AA 5460** Bard-Parker handle #3 flat



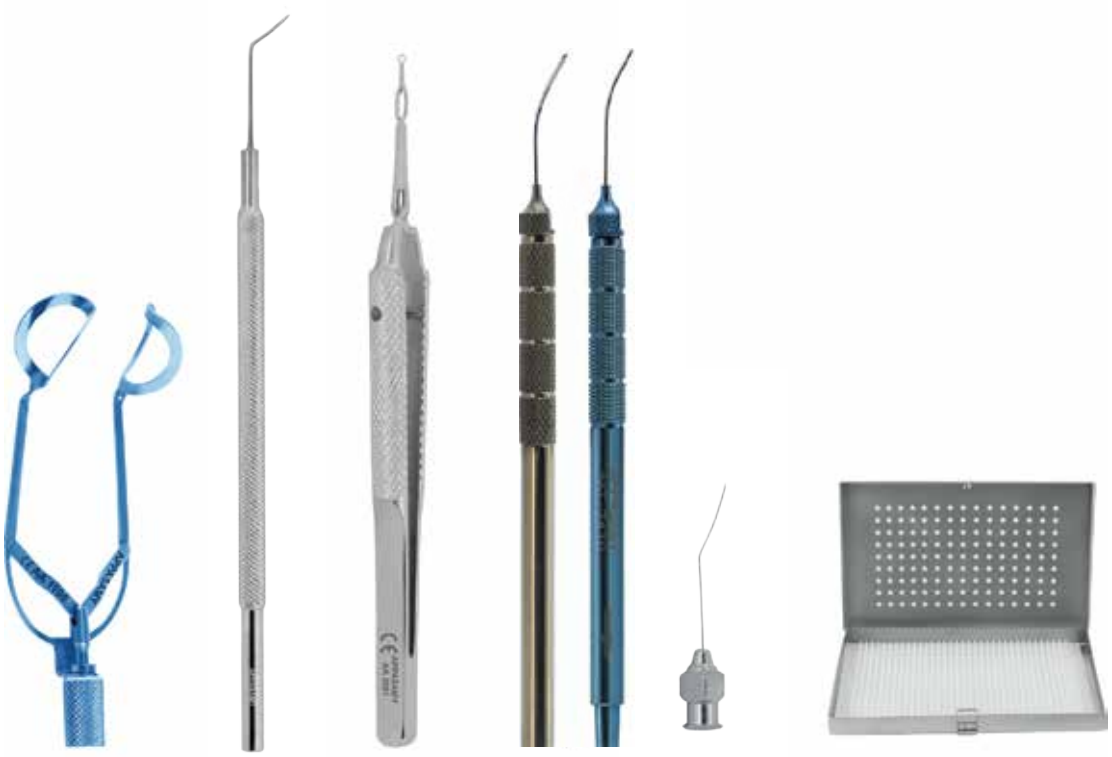
1 2 3 4 5 6 7 8

01.**AA 1009** Barraquer wire speculum, large
02.**AA 1262** Desmarres lid retractor size 2
03.**AA 1410** Golf club foreign body spud
04.**AA 3485** Beer cilia forceps
05.**AA 3885** Jewelers forceps standard
06.**AA 6440** Castroviejo lacrimal dilator (double end)
07.**AA 7010** Lacrimal cannula, 23 G, straight
08.**AA 8005** Sterilization box with silicone mat



1 2 3 4 5 6 7 8

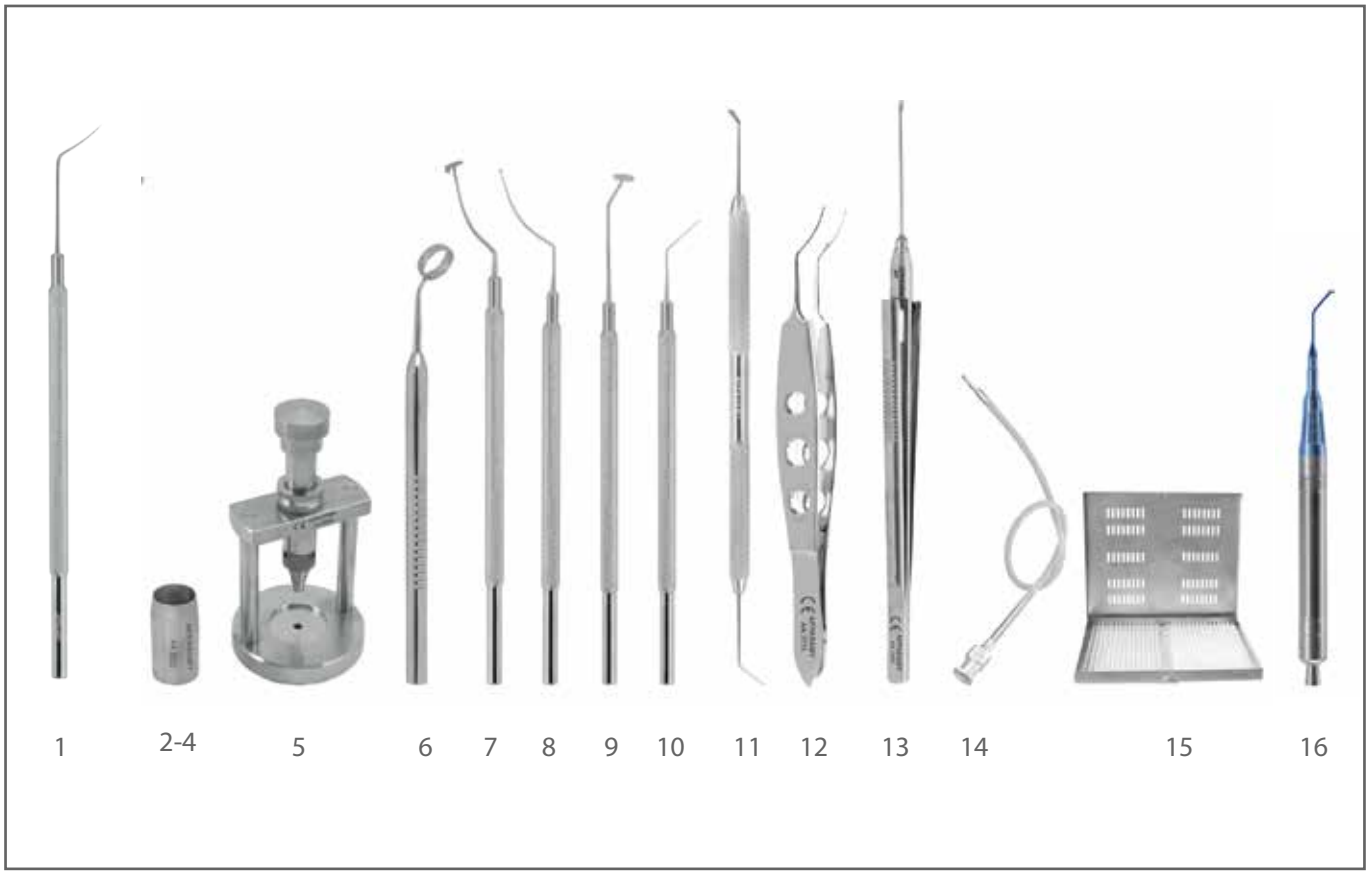
1.**AA 1120** Lancaster eye speculum
2.**AA 1825** Graefe muscle hook size 1
3.**AA 1890** Wells Enucleation spoon
4.**AA 3305** Elschnig fixation forceps 1 x 2 angled teeth
5.**AA 3935** Halsted mosquito forceps curved
6.**AA 4535** Stevens tenotomy scissors curved
7.**AA 4575** Enucleation scissors (st)
8.**AA 4500** Iris scissors, straight



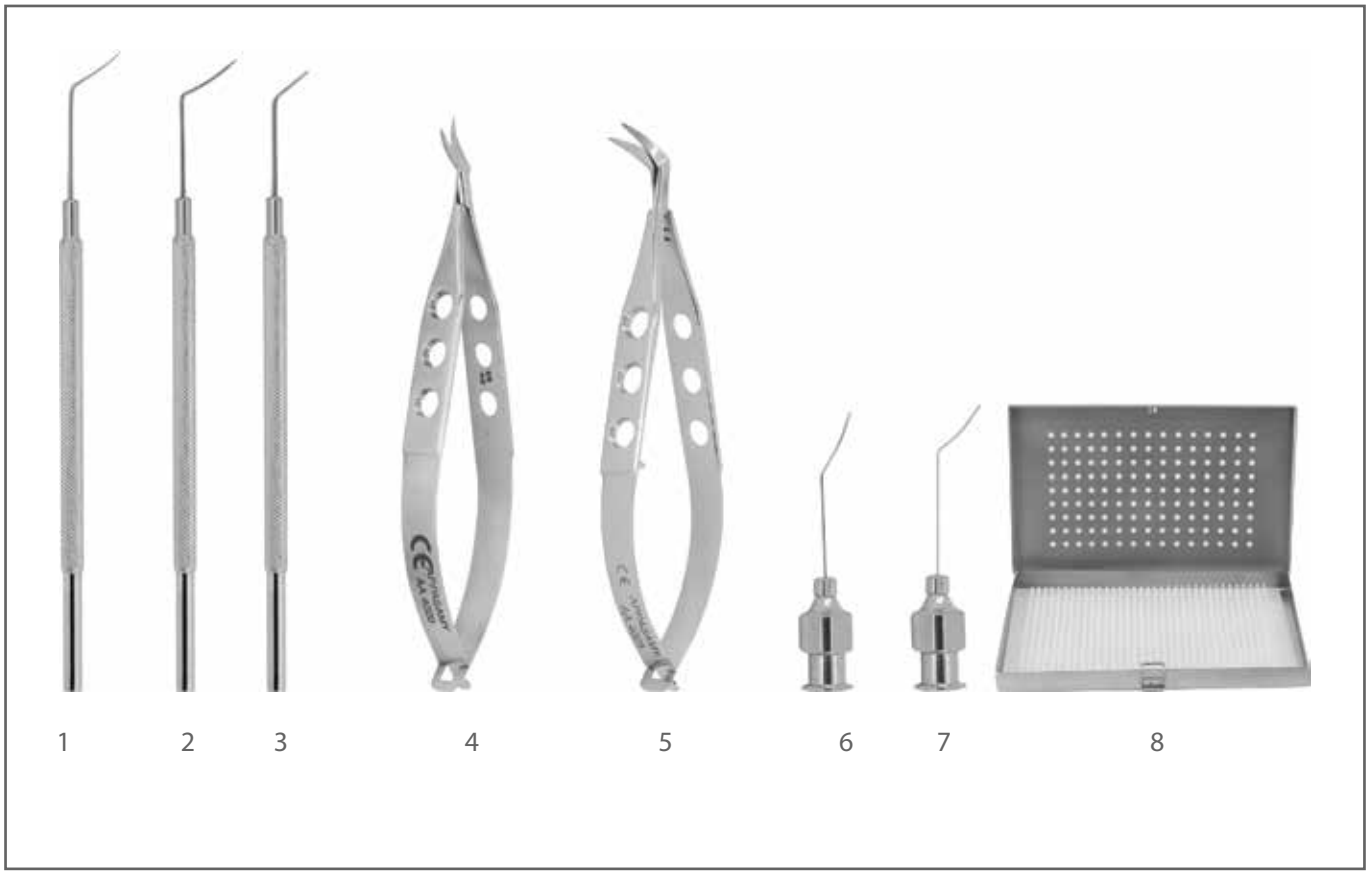
1 2 3 4 5 6

1.**AAT 1196** Jerome Bovert speculum reversible
2.**AA 1665** Fukasaku LASIK spatula for lifting and dissecting the corneal flap
3.**AA 3907** Akahoshi Nucleus splitter forceps
4.**AAT 7410/11** I/A Bimanual set sandablast
5.**AA 7861** Buratto LASIK cannula 23G -
6.**AA 8005** Sterilization box with silicone mat

AA - Stainless Steel, AAT - Titanium



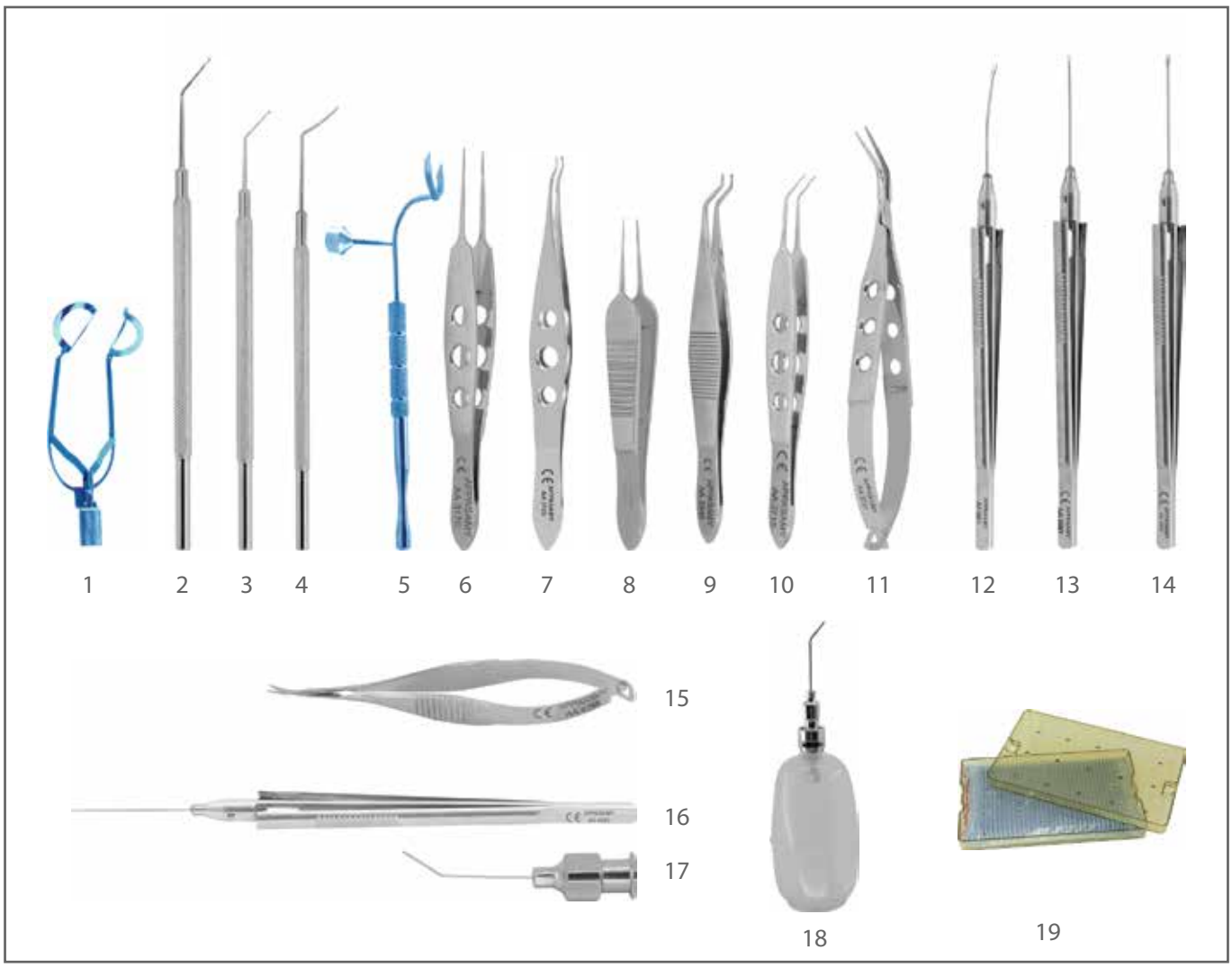
01. **AA 2555** DALK corneal dissector
02. **AA 2030** See through corneal trephine 8.5mm
03. **AA 2031** See through corneal trephine 9.0mm
04. **AA 2032** See through corneal trephine 9.5mm
05. **AA 2065** Corneal transplant punch
06. **AA 2249** Bores optic zone marker, 8.0mm
07. **AA 2500** DSAEK glider
08. **AA 2505** DSAEK stromal scrubber
09. **AA 2510** DSAEK descemet stripper
10. **AA 2515** Reverse sinskey hook
11. **AA 2530** DSEK lamellar donor inserting shovel
12. **AA 3731** Rosenwasser Donor lamellar inserting forceps
13. **AA 3990** Iridectomy forceps straight
14. **AA 7150** Lewicky A/C maintainer cannula
15. **AA 8020** Appasamy sterilization box with two silicone mats
16. **AAT 8325** Irrigating endothelial stripper 20 gauge tip set



1. **AA 2555** DALK corneal dissector
2. **AA 2560** Rosenwasser DALK Trisector
3. **AA 2565** Bonfadini DALK spatula
4. **AA 4020** Castroviejo Corneoscleral scissors medium blades, left
5. **AA 4025** Castroviejo Corneoscleral scissors medium blades, right
6. **AA 7050** Rosenwasser DALK cannula, 27 G
7. **AA 7100** DALK air injection cannula, 27 G
8. **AA 8005** Sterilization box with silicone mat

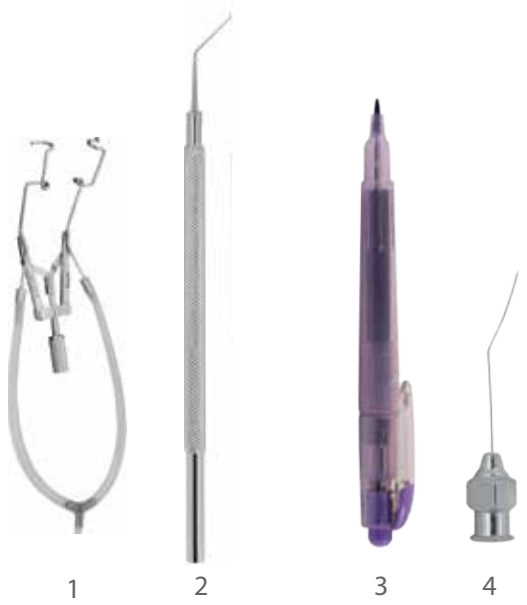


1. **AA 2062** DMEK twin block
2. **AA 2535** DMEK rake
3. **AA 2540** DMEK large crystal spatula
4. **AA 2545** DMEK small crystal spatula
5. **AA 2550** Dexatome DMEK/DSAEK spatula
6. **AA 7105** Rycroft air injection cannula, 23 G

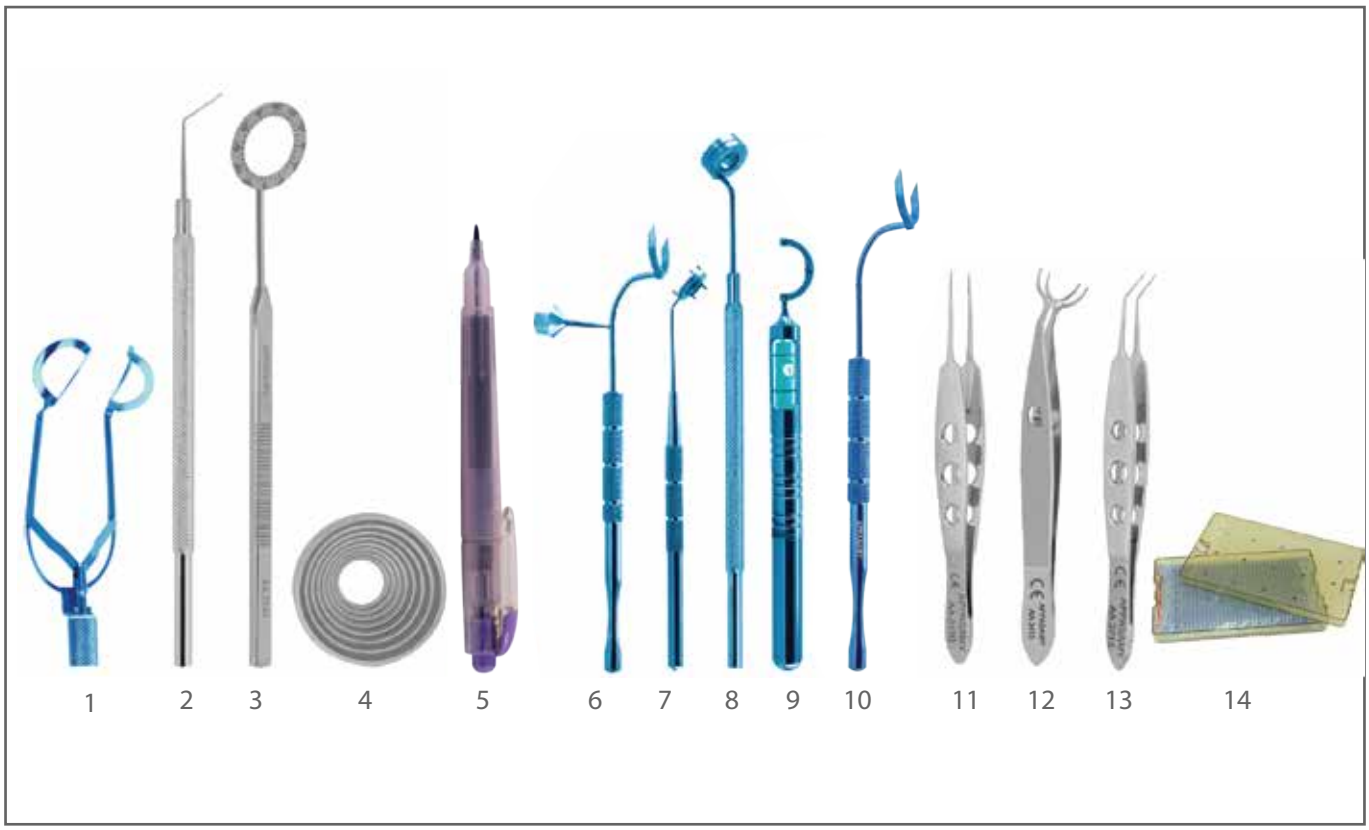


1. **AAT 1196** Jerome Bovert speculum reversible
2. **AA 1478** Toric lens manipulator
3. **AA 1613** Pisacano hook horizontal
4. **AA 1655** Barraquer Iris spatula, 0.25mm, angled.
5. **AAT 2800** LRI slit lamp marker
6. **AA 3170** Bonn forceps, long model, 0.12mm, 1 x 2 teeth
7. **AA 3125** Castroviejo Colibri forceps1 x 2 teeth
8. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
9. **AA 3340** Dastoor superior rectus forceps, 1 x 2 teeth
10. **AA 3715** Faulkner lens holding forceps
11. **AA 3721** DSEK Unique forceps
12. **AA 3871** Kreshner micro incision capsulorhexis forceps, curved 20 G
13. **AA 3987** Lens cartridge loading forceps, straight 20 G
14. **AA 3990** Iridectomy forceps
15. **AA 4255** Vannas capsulotomy scissors, curved
16. **AA 4460** Viterous scissors 20 G, 30° angled jaws
17. **AA 7207** Pearce hydro dissection cannula, 35° angled 27 G
18. **AA 7830** Silicone bulb with adaptor
19. **AA 8200** Plastic sterilization box with silicone mat

AA - Stainless Steel, AAT - Titanium



01.**AA 1086** Lieberman irrigating speculum, temporal
02.**AA 1465** Sinskey II lens manipulating hook angled
03.**AA 2300** Marking pen, fine tip
04.**AA 7861** Buratto LASIK cannula

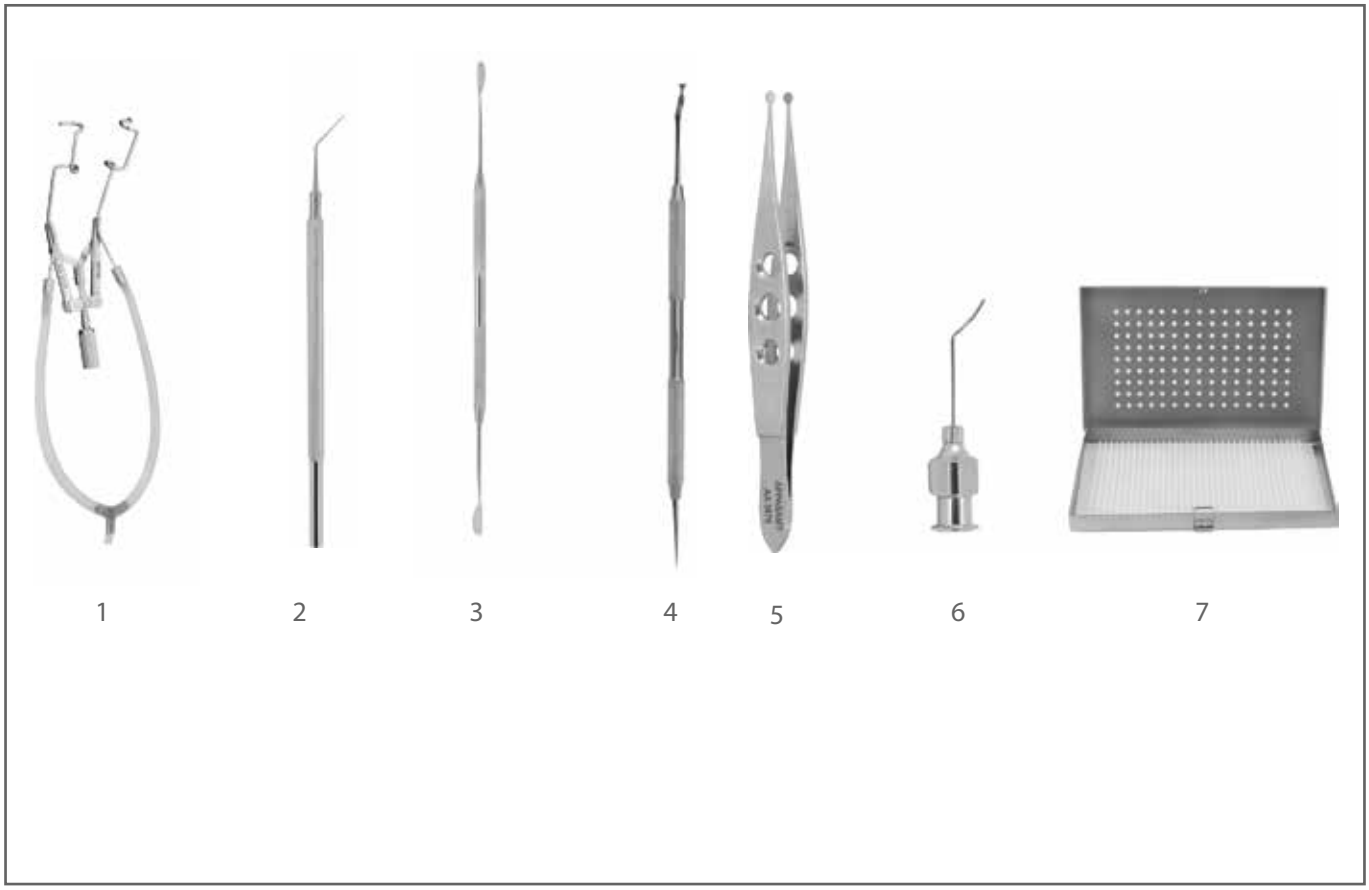


1. **AAT 1196** Jerome Bovert speculum reversible
2. **AA 1565** Lester No hole lens manipulator 0.25 mm
3. **AA 2140** Mendez degree gauge
4. **AA 2183** Maloney intra-operative keratometer
5. **AA 2300** Marking pen, fine tip
6. **AAT 2800** LRI slit lamp marker
7. **AAT 2820** LRI marker, 6mm & 8mm chord lengths
8. **AAT 2825** LRI marker, 40-60-80 degree
9. **AAT 2830** Pre-op Toric reference marker with bubble level
10. **AAT 2840** LRI axis marker
11. **AA 3170** Bonn forceps, long model, 0.12mm, 1 x 2 teeth
12. **AA 3415** Kremer corneal fixation forceps, curved
13. **AA 3715** Faulkner lens holding forceps
14. **AA 8200** Plastic sterilization box with silicone mat

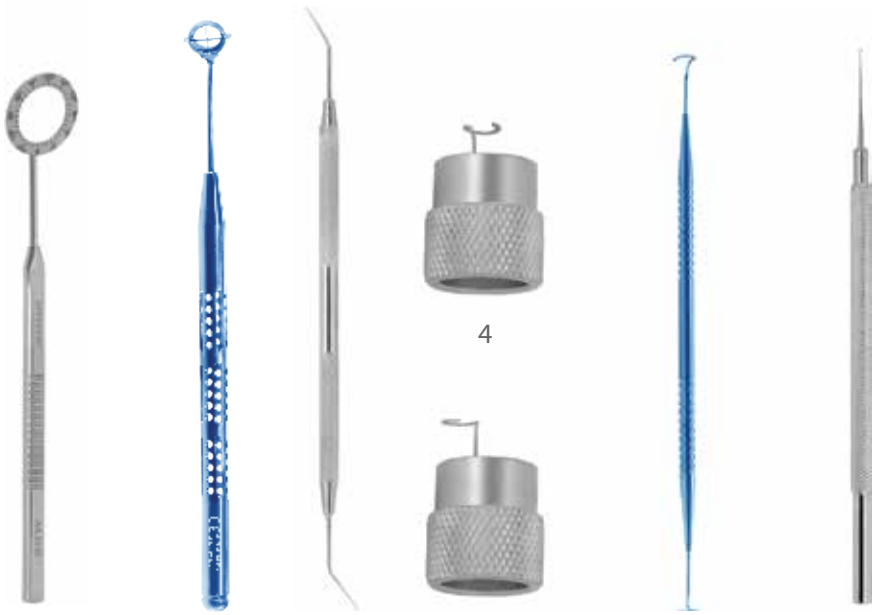
AA - Stainless Steel, AAT - Titanium



01.**AA 1565** Lester No hole lens manipulator 0.25 mm
02.**AA 3715** Faulkner lens holding forceps
03.**AA 3871** Kreshner micro incision capsulorhexis forceps, curved 20 G
04.**AA 4460** Viterous scissors 20 G, 30° angled jaws



01.**AA 1086** Lieberman irrigating speculum, temporal
02.**AA 1465** Sinskey II lens manipulating hook angled
03.**AA 2625** LASIK Flap Protector Blades
04.**AA 2650** Thorlakson LASIK flap lifter
05.**AA 3876** Buratto LASIK flap forceps
06.**AA 7885** Buratto LASIK cannula 23 G
07.**AA 8005** Sterilization box with silicone mat



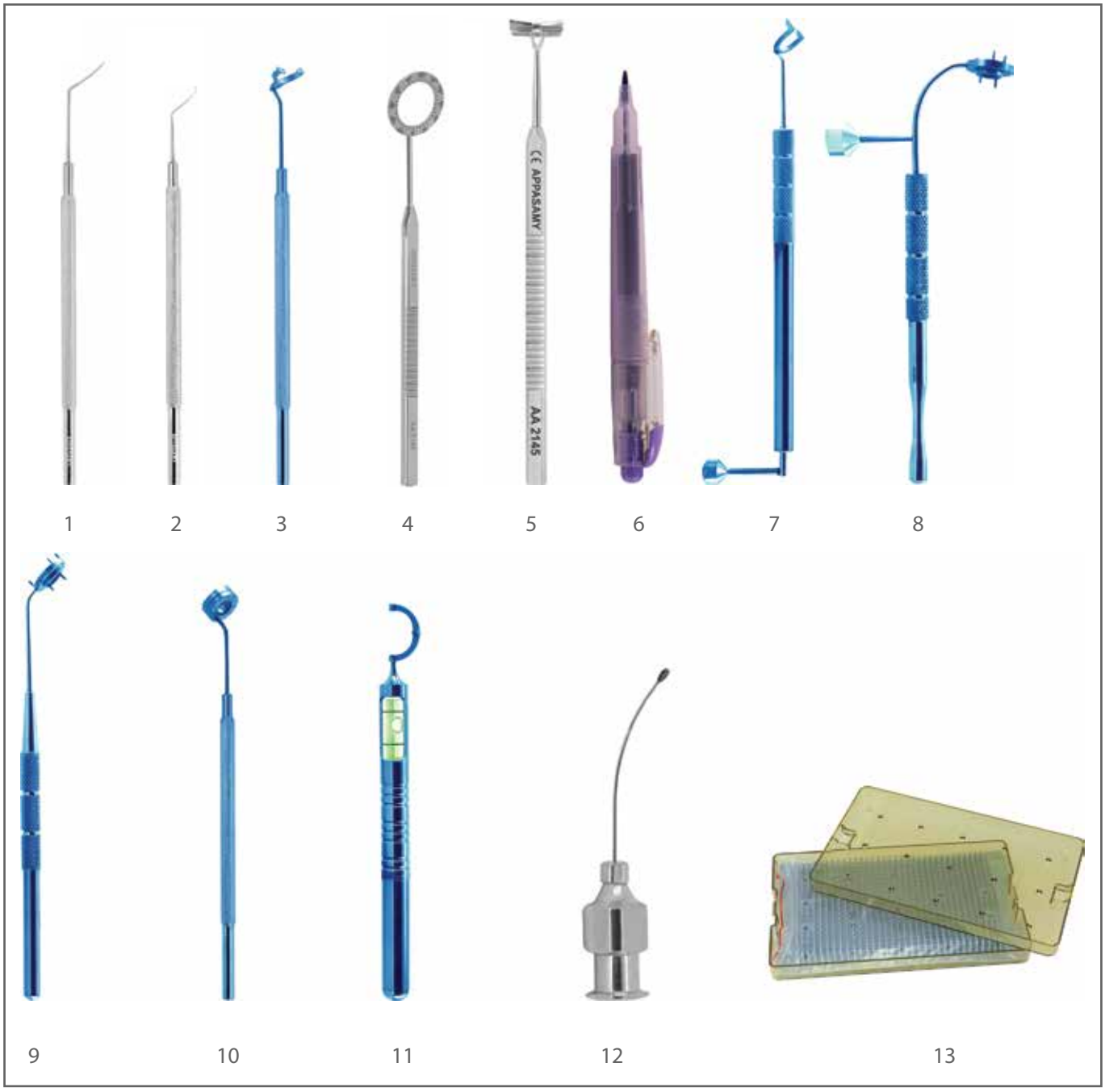
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8 9 10

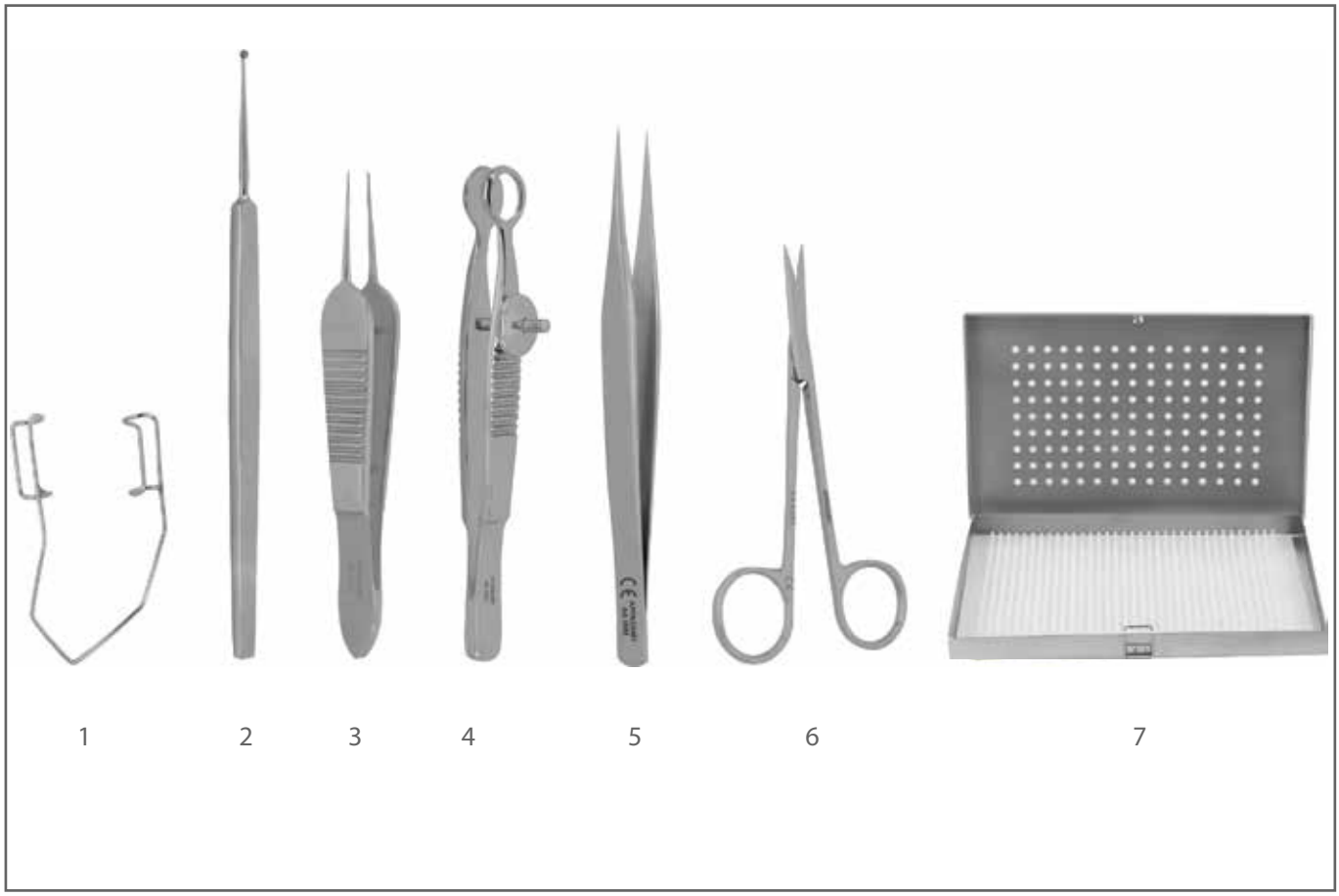
01.**AA 2140** Mendez degree gauge
02.**AAT 2146** Tunnel zone marker
03.**AA 2221** Optical zone marker
04.**AA 2432** ICSR tunnel marker left
05.**AA 2433** ICSR tunnel marker right
06.**AAT 2434** ICSR tunnel marker double ended
07.**AA 2516** Elevator far ICSR implantation
08.**AA 2517** Suarez spreader
09.**AA 2518** Bicalto guide
10.**AA 3671** Forceps for ICSR implant

AA - Stainless Steel, AAT - Titanium

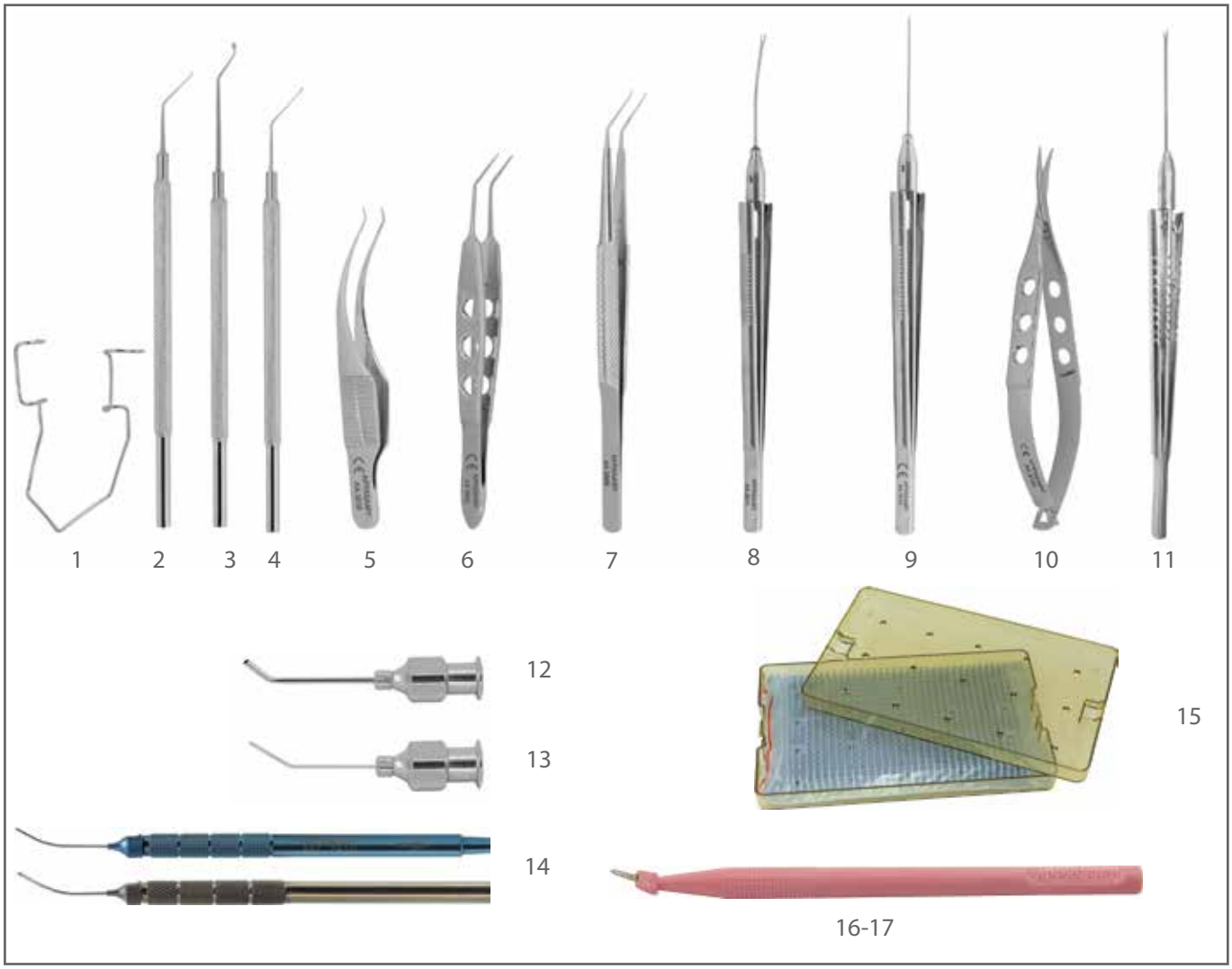


01.**AA 1655** Barraquer Iris spatula 0.25mm, angled
02.**AA 1620** Tennant Nucleus manipulator ball shaped tip
03.**AAT 2286** Henderson Toric alignment marker
04.**AA 2140** Mendez degree gauge
05.**AA 2145** Bores axis marker
06.**AA 2300** Marking pen, fine tip
07.**AAT 2805** White house gravity axis marker II
08.**AAT 2815** Toric IOL combo marker
09.**AAT 2820** LRI marker 6 & 8mm chord length
10.**AAT 2825** LRI marker 40-60-80 degree
11.**AAT 2830** Pre-op Toric reference marker, with bubble level
12.**AA 7621** Henderson MICS capsule polisher, 23 g
13.**AA 8200** Plastic sterilization box with silicone mat

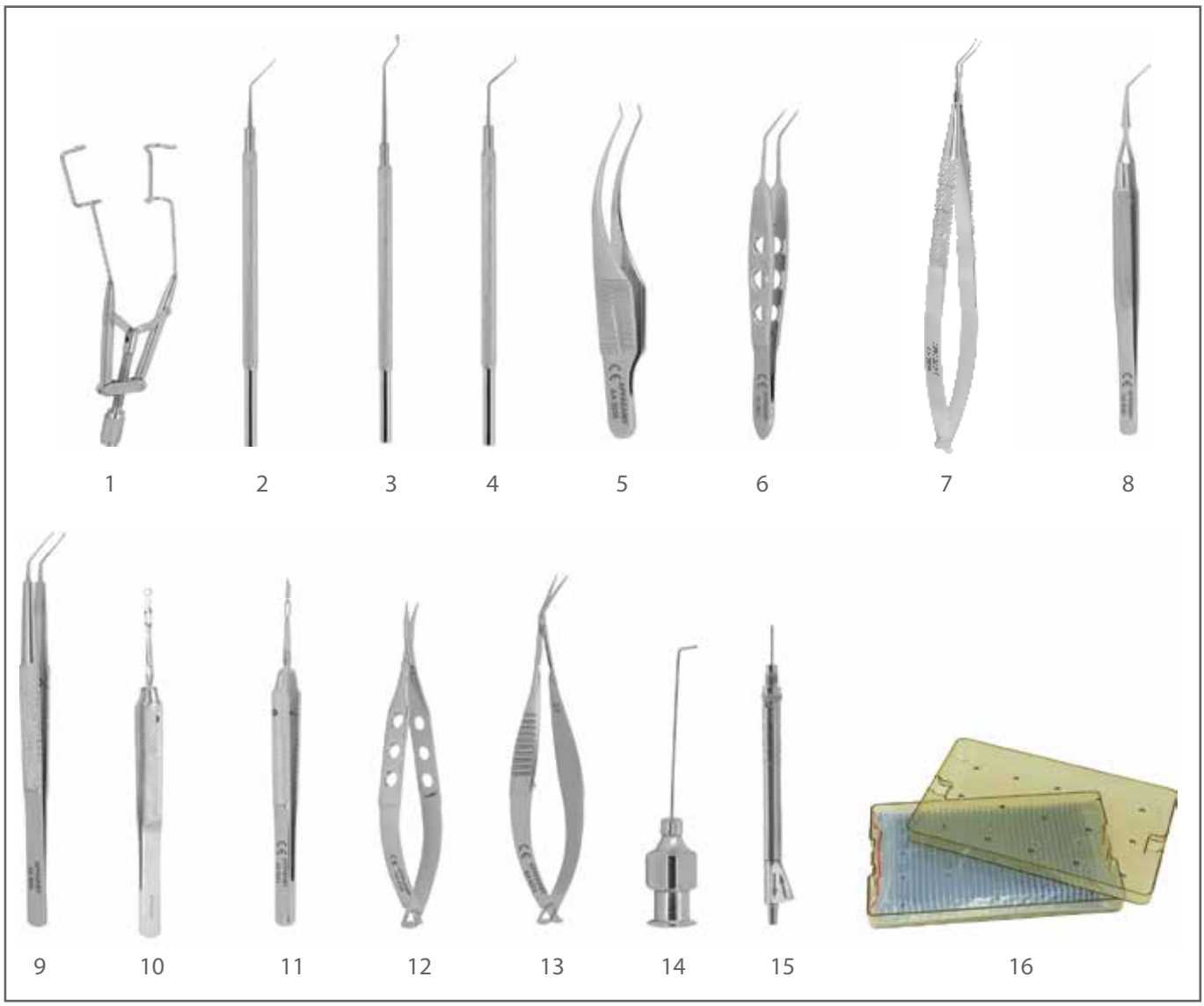
AA - Stainless Steel, AAT - Titanium



1. **AA 1009** Barraquer wire speculum, large
2. **AA 1875** Meyerhoefer chalazion curette, size 0
3. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
4. **AA 3620** Lambert chalazion forceps
5. **AA 3885** Jewelers forceps
6. **AA 4510** Eye scissors, 4.5” length
7. **AA 8005** Sterilization box with silicone mat



01. **AA 1025** Kratz-Barraquer wire speculum, big
02. **AA 1465** Sinskey II lens manipulating hook angled
03. **AA 1597A** Akahoshi nucleus ring sustainer
04. **AA 1993** Agarwal phaco chopper 1mm fully cutting edge
05. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
06. **AA 3805** McPherson IOL forceps, 11mm angled
07. **AA 3868** Utrata capsulorhexis forceps, round handle, extra delicate
08. **AA 3872** Kreshner micro incision capsulorhexis forceps, curved 23 G
09. **AA 3918** Akahoshi super combo prechopper
10. **AA 4155** Westcott tenotomy scissors
11. **AA 4455** Vitreous scissors curved, 20 G
12. **AA 7105** Rycroft air injection cannula, 23 G
13. **AA 7205** Pearce hydrodissection cannula, 25 G
14. **AAT 7410/11** I/A Bimanual set
15. **AA 8200** Plastic sterilization box with silicone mat
16. **AA 572014** Ultra thin phaconit knife, 1.4mm
17. **AA 572018** Ultra thin phaconit knife, 1.8mm



01.**AA 1184** Lieberman temporal speculum
02.**AA 1465** Sinskey II lens manipulating hook angled
03.**AA 1597A** Akahoshi nucleus ring sustainer
04.**AA 2000** Nagahara karate chopper straight
05.**AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
06.**AA 3805** McPherson IOL forceps, 11mm angled
07.**AA 3856** Inamura capsulorhexis forceps
08.**AA 3860** Akahoshi capsulorhexis cross action forceps
09.**AA 3864** Giannetti capsulorhexis forceps
10.**AA 3907** Akahoshi nucleus splitter forceps
11.**AA 3913** Akahoshi combo pre chopper
12.**AA 4155** Westcott tenotomy scissors
13.**AA 4275** Vannas capsulotomy scissors angle forward 11mm
14.**AA 7295** Akahoshi hydrodissection cannula 27 G
15.**AAT 7393/94** I/A Probe set with straight silicone sleeve tip,19 G
16.**AA 8200** Plastic sterilization box with silicone mat

AA - Stainless Steel, AAT - Titanium

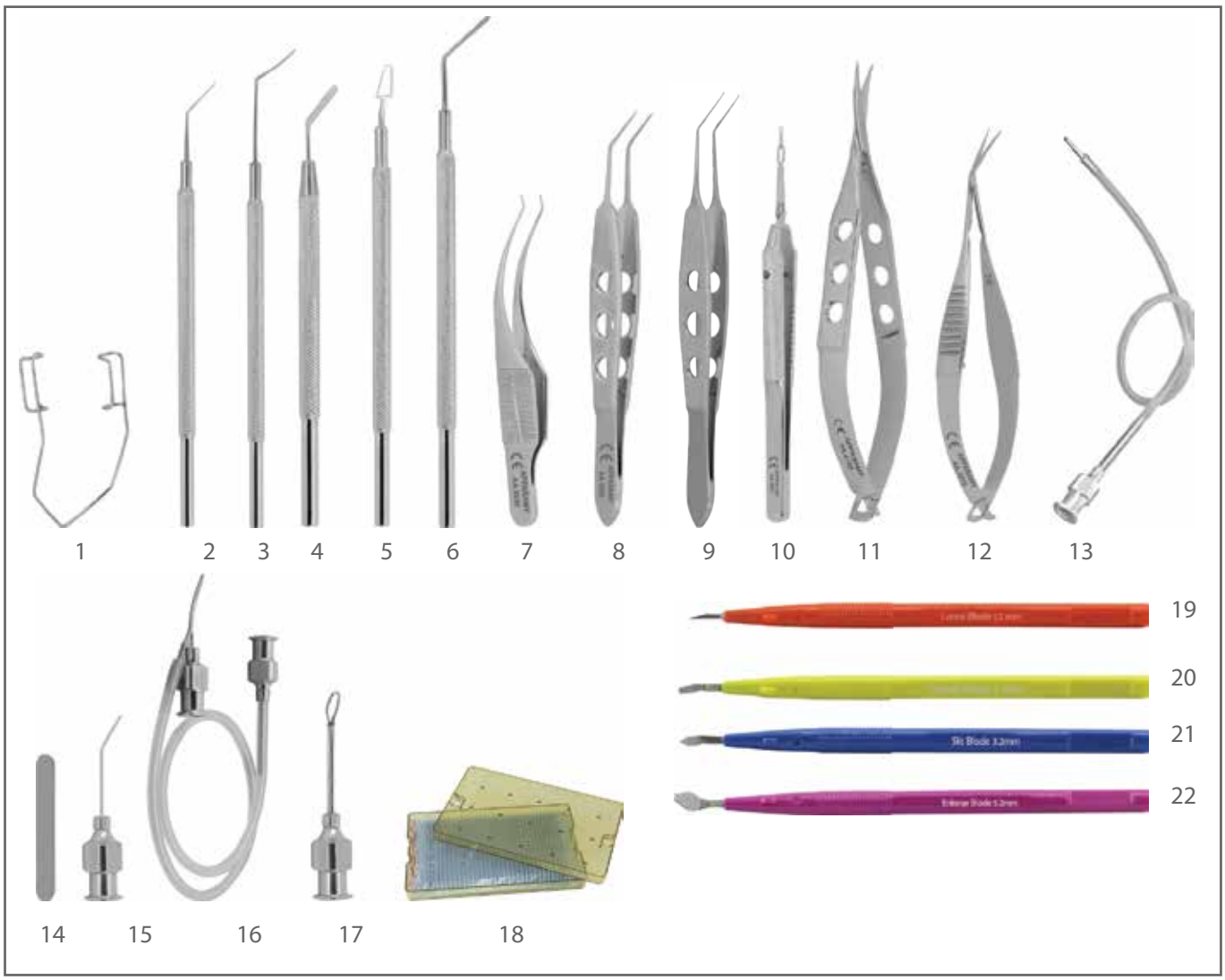


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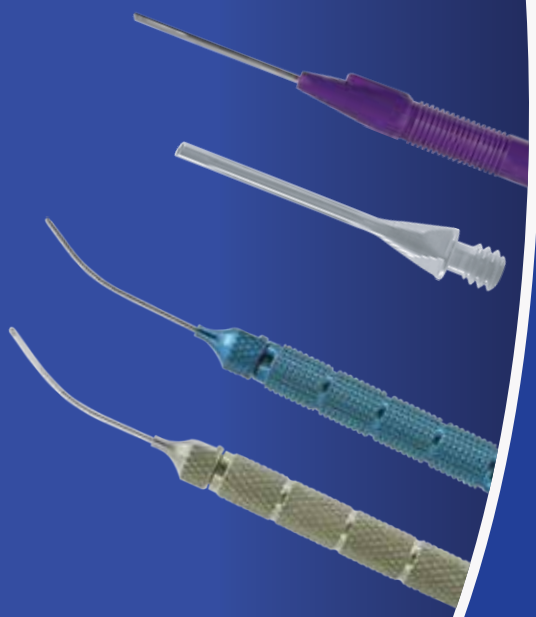


9 10 11 12

01.**AA 1009** Barraquer wire speculum, large
02.**AA 1465** Sinskey II lens manipulating hook angled
03.**AA 1597** Akahoshi nucleus ball sustainer
04.**AA 1655** Barraquer Iris spatula 0.25mm, angled
05.**AA 1993** Agarwal phaco chopper 1mm fully cutting edge
06.**AA 3170** Bonn forceps long model 0.12mm, 1 x 2 teeth
07.**AA 3805** McPherson IOL forceps, 11mm angled
08.**AA 4040** Castroviejo corneal scissors small blades
09.**AA 4155** Westcott tenotomy scissors
10.**AA 4275** Vannas capsulotomy scissors angle forward 11mm
11.**AA 7420** Simcoe I/A cannula 23 G direct
12.**AA 8005** Sterilization box with silicone mat



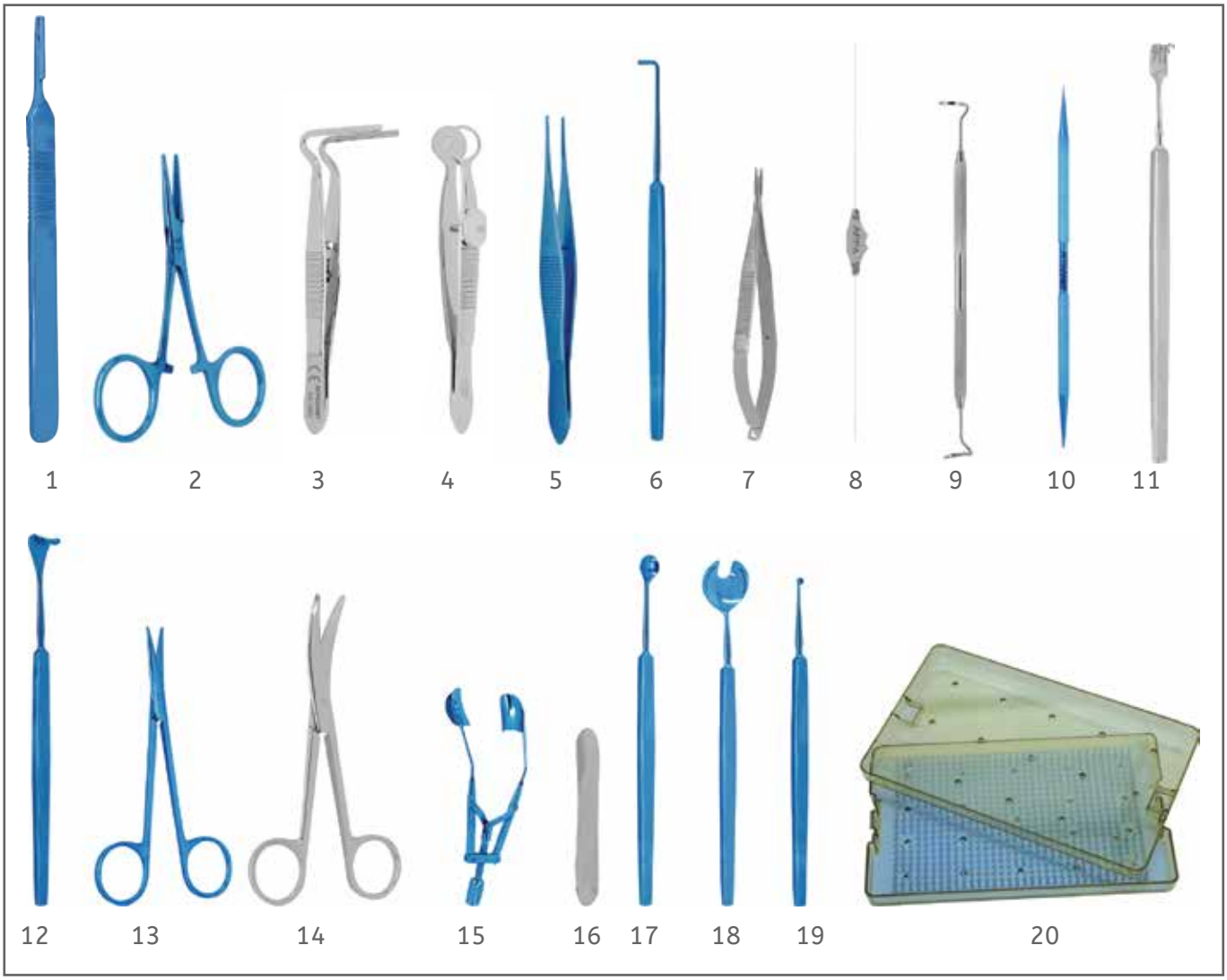
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1465** Sinskey II lens manipulating hook angled
3. **AA 1655** Barraquer Iris spatula, 0.25mm, angled
4. **AA 1965** Kansas nucleus bisector
5. **AA 1970** Kansas nucleus trisector
6. **AA 1975** Kansas nucleus vectis solid, right
7. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
8. **AA 3805** McPherson IOL forceps, 11mm angled
9. **AA 3855** Utrata capsulorhexis forceps, long straight shanks, flat handle
10. **AA 3907** Akahoshi nucleus splitter forceps
11. **AA 4155** Westcott tenotomy scissors
12. **AA 4275** Vannas capsulotomy scissors angle forward 11mm
13. **AA 7150** Lewicky A/C maintainer
14. **AA 7202** IOL glide, silicone
15. **AA 7205** Pearce hydrodissection cannula, 25 G
16. **AA 7447** Ruit irrigating/aspirating cannula, 23 G
17. **AA 7705** Knolle-Pearce irrigating vectis, 4mm wide, 7mm long loop
18. **AA 8200** Plastic sterilization box with silicone mat
19. **AA 560012** Lance knife (side port blade), 1.2mm
20. **AA 561021** Tunnel knife (crescent blade), 2.1mm
21. **AA 562032** Slit knife (Entry Keratome blade), 3.2mm
22. **AA 563052** Slit enlarge knife (IOL implant blade), 5.2mm



Titanium Surgery Set

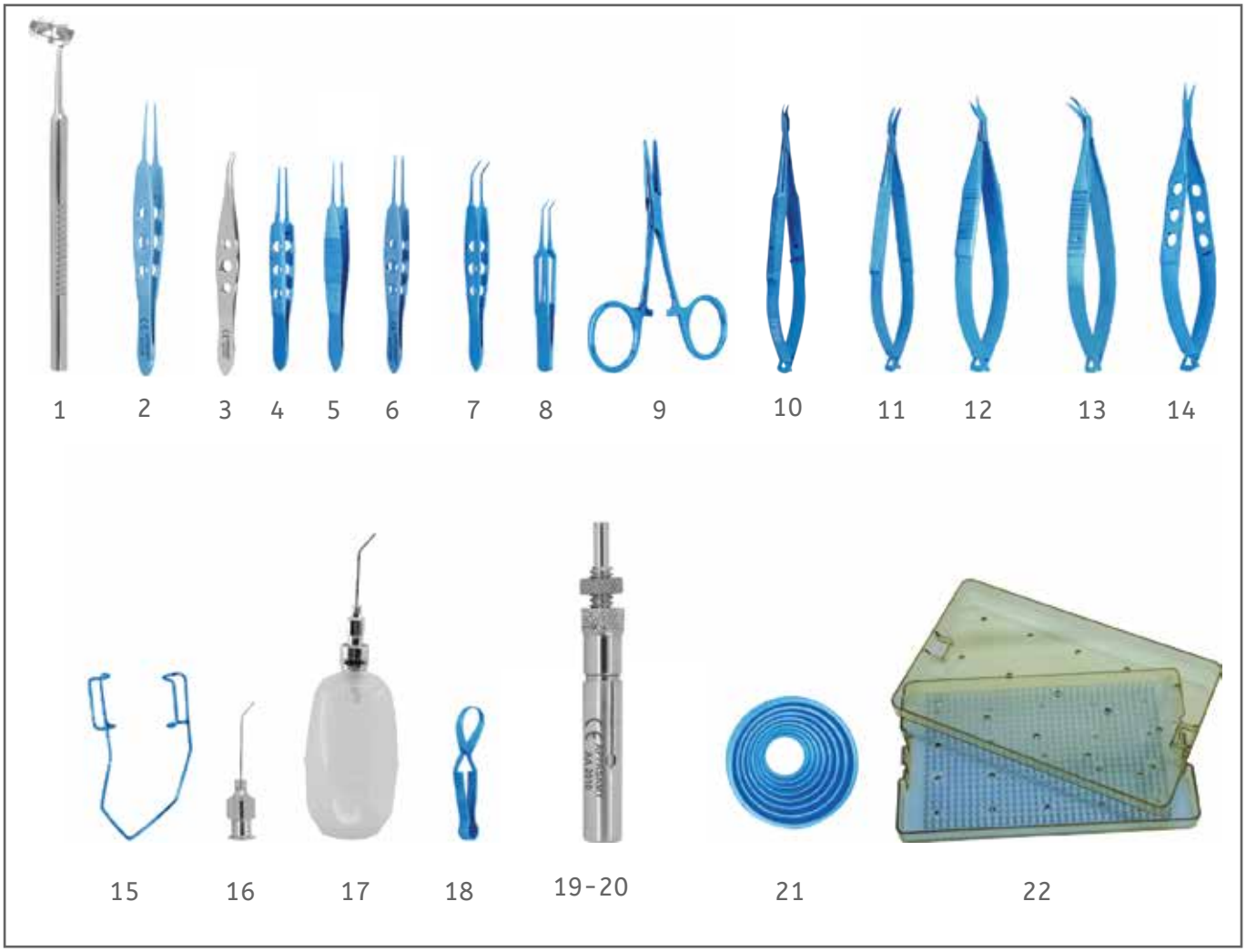


APPASAMY ASSOCIATES
Empowering Vision*



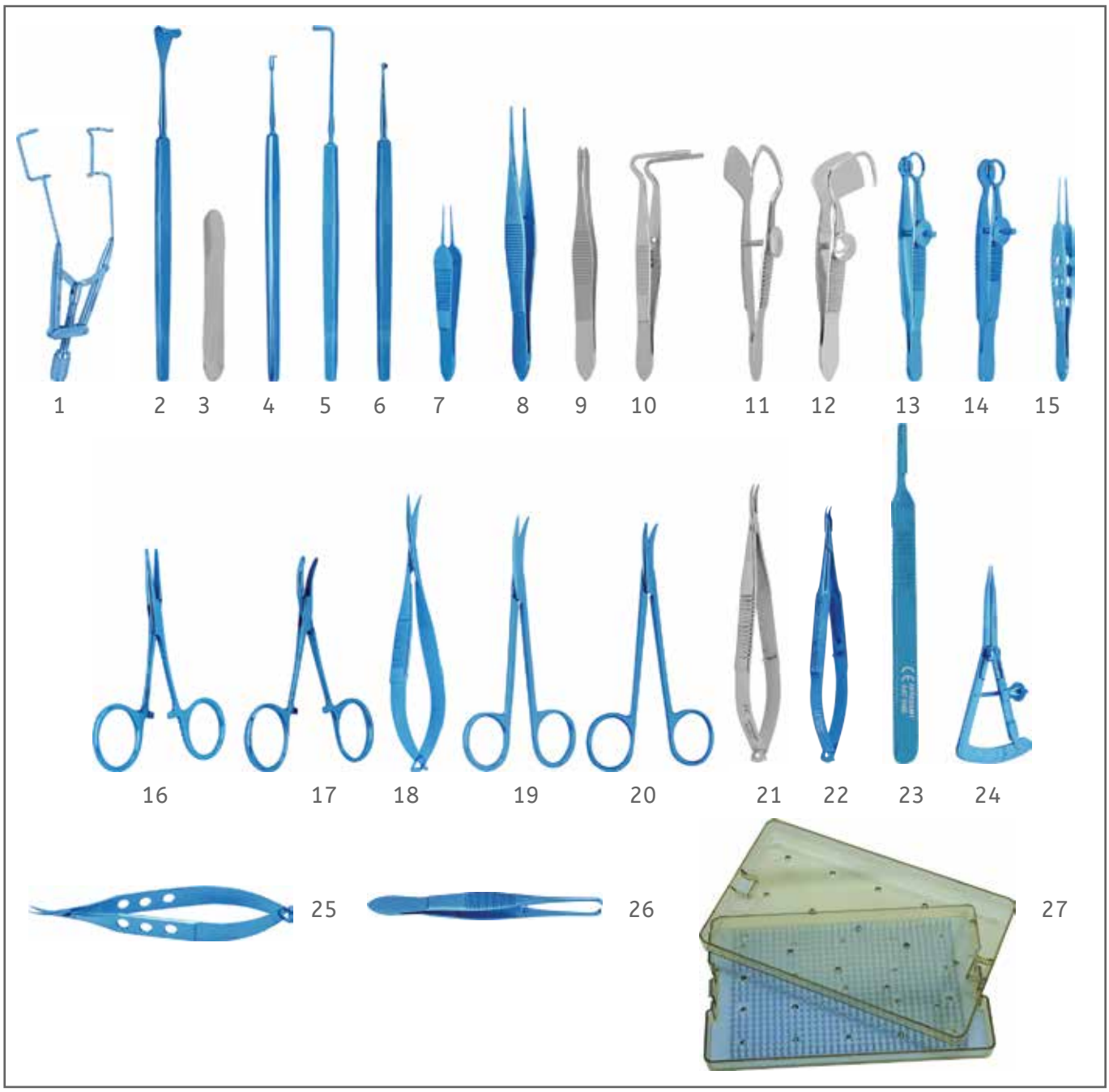
1. **AAT 5465** Bard-Parker handle #3 round handle
2. **AAT 3920** Hartman mosquito forceps straight
3. **AA 3565** Berke ptosis forceps 20mm
4. **AA 3625** Desmarres chalazion forceps 13mm/20mm Dia
5. **AAT 3300** Fixation forceps 1 x 2 teeth
6. **AAT 1826** Graefe muscle hook size 2
7. **AA 5065** Castroviejo needle holder
8. **AA 6175** Bowman lacrimal probe,
9. **AA 6150** Pigtail probe with suture holes
10. **AAT 6440** Lacrimal dilator double-end
11. **AA 1225** Knapp lacrimal sac retractor sharp
12. **AAT 1262** Desmarres Lid retractor solid blades size 2
13. **AAT 4530** Stevens tenotomy scissors blunt tips, ring handle straight
14. **AA 4580** Enucleation scissors ring handle medium curve
15. **AAT 1187** Lieberman - Tennant eye speculum
16. **AA 1740** Jaeger Lid plate
17. **AAT 1880** Bunge evisceration spoon small
18. **AAT 1890** Enucleation spoon
19. **AAT 1877** Meyerhoefer chalazion curette size 2
20. **AA 8200** Plastic sterilization box with silicone mat

CORNEAL TRANSPLANTATION SET - TITANIUM



1. **AA 2270** Anis suture placement marker
2. **AAT 3790** McPherson tying forceps St. Long handle
3. **AA 3125** Castroviejo colibri forceps very delicate, 1 x 2 teeth
4. **AAT 3250** Bishop-Harmon tissue forceps 1 x 2 teeth
5. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.3mm
6. **AAT 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
7. **AAT 3800** Kelman-McPherson forceps 7.5mm angle long handle
8. **AAT 3795** McPherson tying forceps smooth jaws long handle, 5mm angled
9. **AAT 3920** Hartman mosquito forceps straight
10. **AAT 5145** Barraquer N.Holder short model micro jaws, without lock
11. **AAT 5165** Barraquer needle holder very delicate jaws
12. **AAT 4010** Castroviejo corneoscleral scissors[s] blade left
13. **AAT 4015** Castroviejo corneoscleral scissors [s] blade right
14. **AAT 4155** Westcott tenotomy scissors
15. **AAT 1009** Barraquer wire speculum, large
16. **AA 7105** Rycroft air injection cannula, 23 G
17. **AA 7830** Silicone bulb with adaptor
18. **AAT 3945** Baby Jones towel clamp
19. **AA 2015** Castroviejo corneal trephine size 7.5mm Dia
20. **AA 2016** CastroviejoCorneal trephine size 8 mm dia.
21. **AAT 2183** Maloney intra-operative keratometer
22. **AA 8200** Plastic sterilization box with silicone mat

AA - Stainless Steel, AAT - Titanium

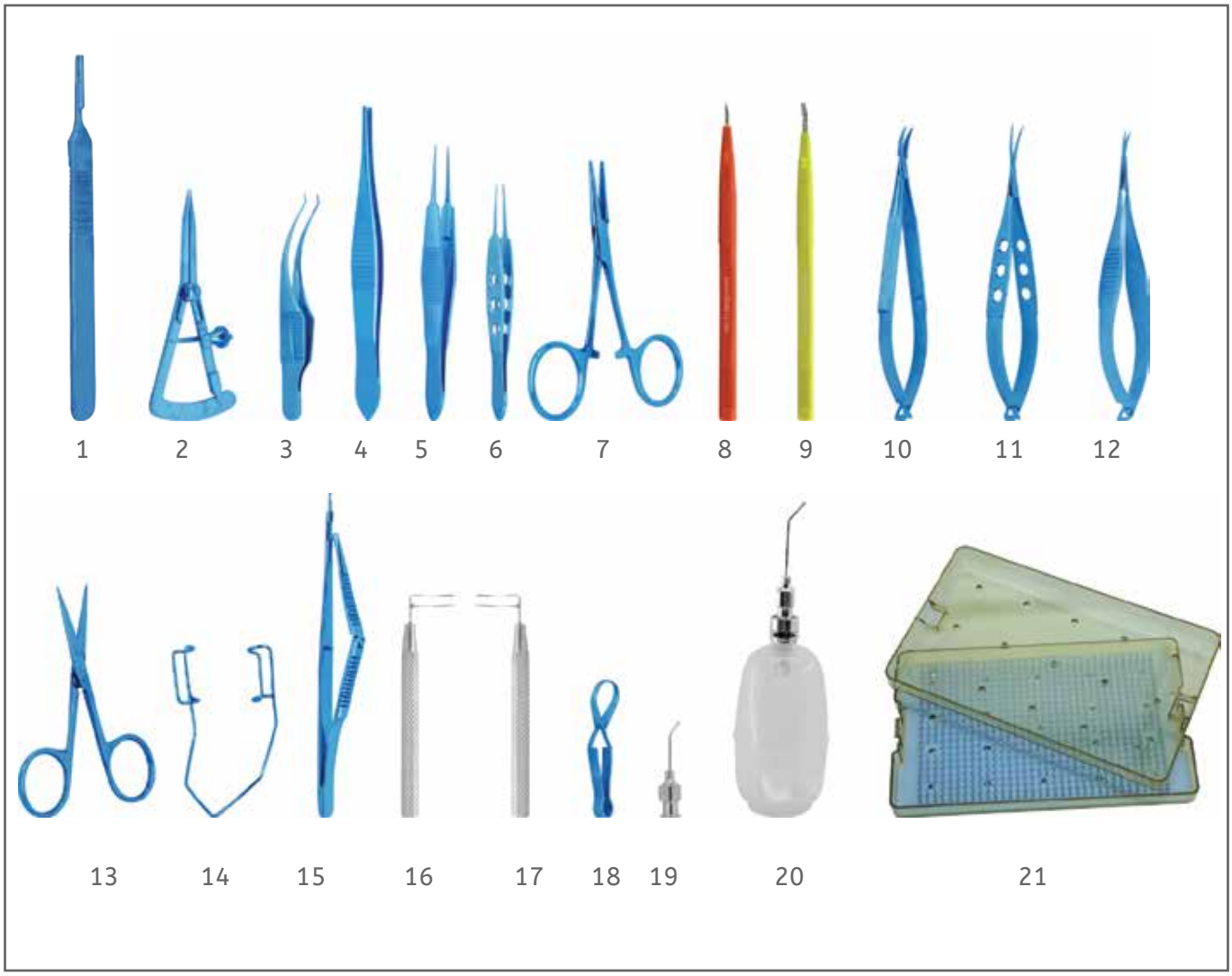


1. **AAT 1184** Lieberman temporal speculum
2. **AAT 1260** Desmarres Lid retractor size 0
3. **AA 1740** Jaeger Lid plate
4. **AAT 1810** Fixation hook double sharp 2.0 x 1.5mm small
5. **AAT 1827** Graefe muscle hook size 3
6. **AAT 1877** Meyerhoefer chalazion curette size 2
7. **AAT 3275** St.Martin suturing forceps, 1 x 2 teeth
8. **AAT 3300** Fixation forceps 1 x 2 teeth
9. **AA 3485** Beer cilia forceps
10. **AA 3565** Berke ptosis forceps 20mm
11. **AA 3600** Snellen entropium forceps left small
12. **AA 3605** Snellen entropium forceps right small
13. **AAT 3615** Ayer chalazion forceps
14. **AAT 3620** Lambert chalazion forceps
15. **AAT 3790** McPherson tying forceps St. Long handle
16. **AAT 3920** Hartman mosquito forceps straight
17. **AAT 3925** Hartman mosquito forceps curved
18. **AAT 4180** Westcott stitch scissors
19. **AAT 4515** Eye scissors curved 4 1/2" length
20. **AAT 4535** Stevens tenotomy scissors curved
21. **AA 5075** Castroviejo N.Holder deli. Jaws curved without lock
22. **AAT 5145** Barraquer N.Holder short model micro jaws, w/o lock
23. **AAT 5460** Bard-Parker handle #3 flat
24. **AAT 2075** Castroviejo caliper 20mm spread
25. **AAT 4040** Castroviejo corneal scissors small blades
26. **AAT 3310** Fixation forceps-2x3 teeth angular
27. **AA 8200** Plastic sterilization box with silicone mat

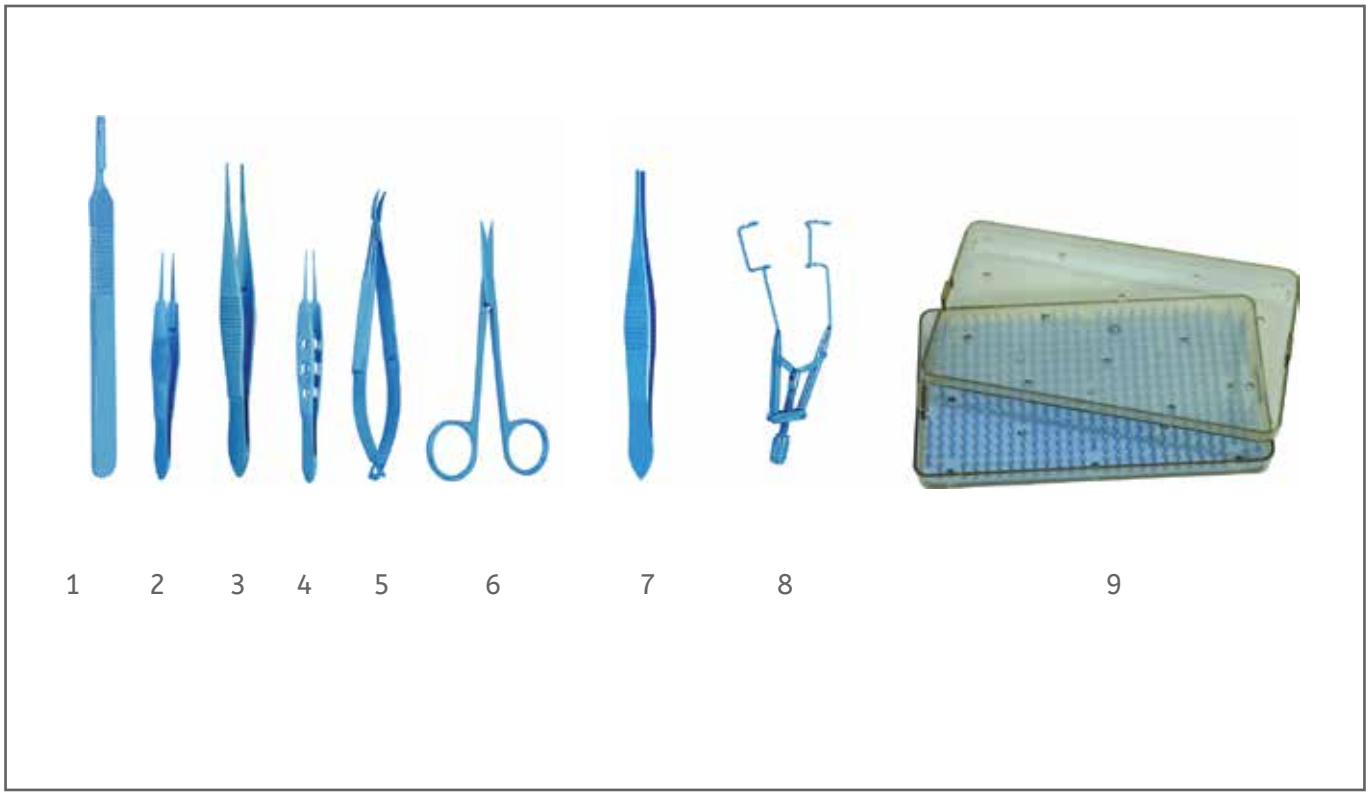


1. **AA 1996** Rosen phaco splitter
2. **AAT 1565** Lester No hole lens manipulator
3. **AAT 2140** Mendez degree gauge
4. **AAT 2183** Maloney intra-operative keratometer
5. **AA 2300** Marking pen, fine tip
6. **AAT 2820** LRI marker, 6mm & 8mm chord lenghts
7. **AAT 2825** LRI marker, 40-60-80 degree
8. **AAT 2800** LRI slit lamp marker
9. **AAT 2830** Pre-op Toric reference marker w/bubble level
10. **AAT 2840** LRI axis marker
11. **AA 3415** Kremer corneal fixation forceps, curved
12. **AA 3715** Faulkner lens holding forcepst
13. **AAT 3690** Shepard IOL forcepsShepard IOL forceps
14. **AA 8200** Plastic sterilization box with silicone mat

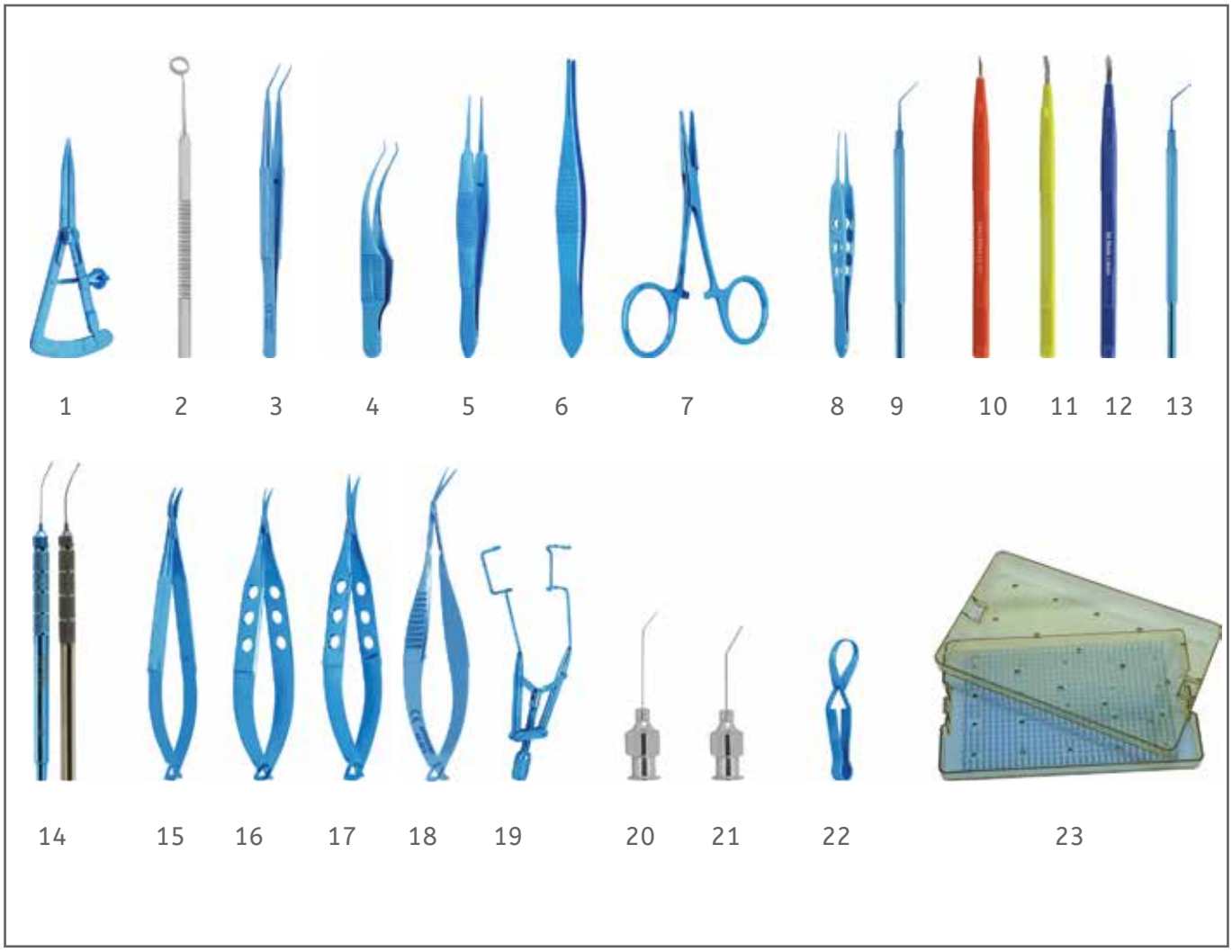
AA - Stainless Steel, AAT - Titanium



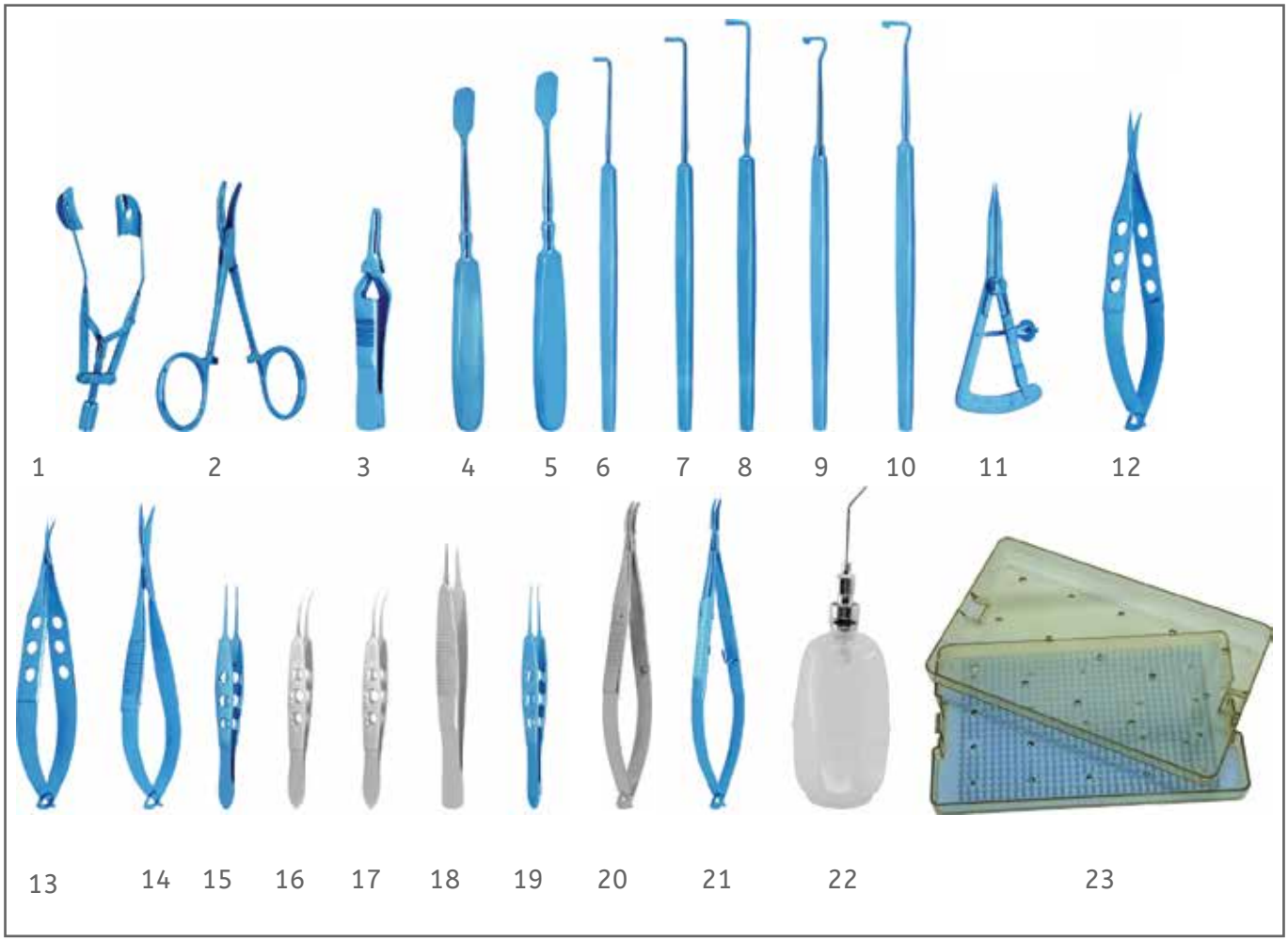
1. **AAT 5460** Bard-Parker handle #3 flat
2. **AAT 2075** Castroviejo caliper 20mm spread
3. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
4. **AAT 3465** Bonaccolto utility forceps 1.2mm wide
5. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
6. **AAT 3790** McPherson tying forceps long handle
7. **AAT 3920** Hartman mosquito forceps straight
8. **AA 560012** Lance Knife (side port blade), 1.2mm
9. **AA 561021** Tunnel Knife (crescent blade), 2.1mm
10. **AAT 5165** Barraquer needle holder very delicate jaws
11. **AAT 4155** Westcott tenotomy scissors
12. **AAT 4255** Vannas capsulotomy scissors, curved
13. **AAT 4500** Iris scissors straight 3.5" length
14. **AAT 1009** Barraquer wire speculum, large
15. **AAT 6070** Kelly descemet membrane punch, 1.0mm
16. **AA 6160** Harms trabeculotomy probe right
17. **AA 6170** Harms trabeculotomy probe left
18. **AAT 3945** Baby Jones towel clamp
19. **AA 7125** Bracken A/C cannula
20. **AA 7830** Silicone bulb with adaptor
21. **AA 8200** Plastic sterilization box with silicone mat



1. **AAT 5460** Bard-Parker handle #3 flat
2. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
3. **AAT 3300** Fixation forceps 1 x 2 teeth
4. **AAT 3790** Pherson tying forceps long handle
5. **AAT 5165** Barraquer needle holder very delicate jaws
6. **AAT 4510** Eye scissors straight 4 1/2"length
7. **AAT 3465** Bonaccolto utility forceps 1.2mm wide
8. **AAT 1184** Lieberman temporal speculum
9. **AA 8201** Plastic sterilization box with silicone mat

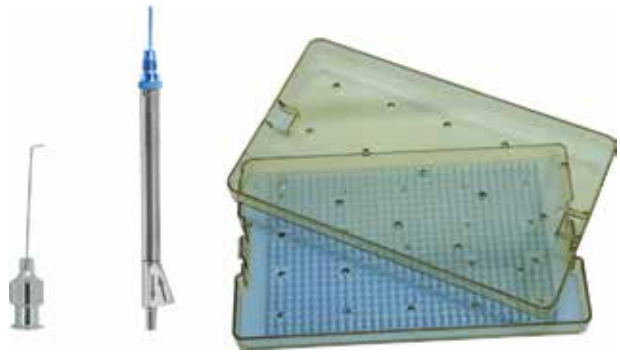


1. **AAT 2075** Castroviejo caliper 20mm spread, straight
2. **AA 2283** Capsulorhexis marker 6mm diameter marking ring
3. **AAT 3861** Utrata Capsulorhexis forceps tip length 11 mm 45°
4. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
5. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
6. **AAT 3465** Bonaccolto utility forceps 1.2mm wide
7. **AAT 3920** Hartman mosquito forceps straight
8. **AAT 3790** McPherson tying forceps long handle
9. **AAT 1465** Sinskey II lens manipulating hook angled
10. **AA 560012** Lance Knife (side port blade), 1.2mm
11. **AA 561021** Tunnel Knife (crescent blade), 2.1mm
12. **AA 562028** Slit Knife 2.8mm (keratome blade)
13. **AAT 1993** Agarwal phaco chopper 1mm fully cutting edge
14. **AAT 7410/11** I/A Bimanual set Sand Blast tip
15. **AAT 5165** Barraquer needle holder very delicate jaws
16. **AAT 4040** Castroviejo corneal scissors small blades
17. **AAT 4155** Westcott tenotomy scissors
18. **AAT 4275** annas capsulotomy scissors, 11mm angled
19. **AAT 1184** Lieberman temporal speculum
20. **AA 7107** Rycroft air injection cannula 27 G
21. **AA 7205** Pearce hydrodissection cannula, 25 G
22. **AAT 3945** Baby Jones towel clamp
23. **AA 8200** Plastic sterilization box with silicone mat

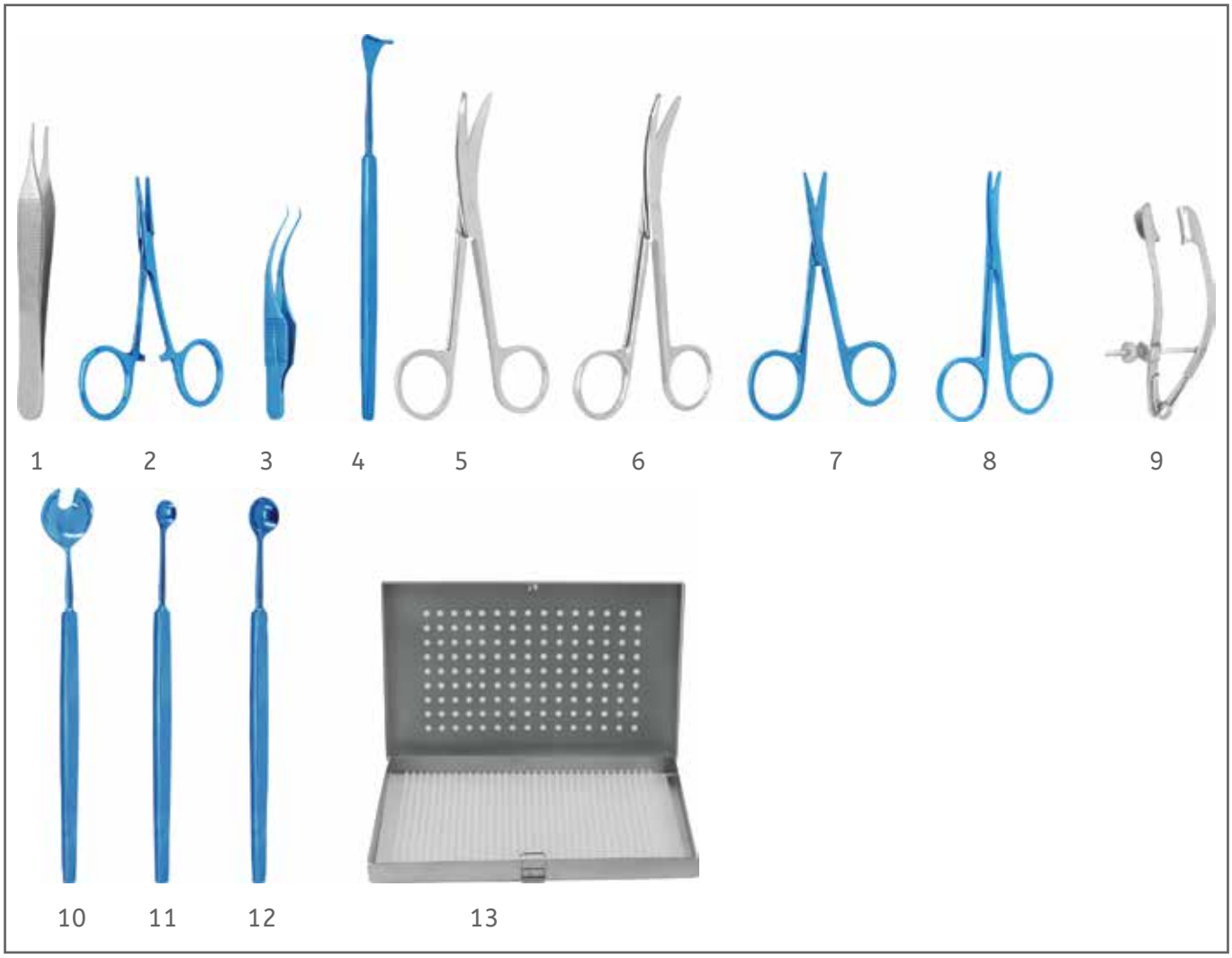


1. **AAT 1187** Lieberman - Tennant eye speculum solid, blades
2. **AAT 3925** Hartman mosquito forceps curved
3. **AAT 3950** Serrefine small straight
4. **AAT 1885** Mule evisceration scoop smal
5. **AAT 1886** Mule evisceration scoop large
6. **AAT 1825** Graefe muscle hook size 1
7. **AAT 1826** Graefe muscle hook size 2
8. **AAT 1827** Graefe muscle hook size 3
9. **AAT 1835** Jameson muscle hook small
10. **AAT 1837** Jameson muscle hook large
11. **AAT 2075** Castroviejo caliper 20mm spread straight
12. **AAT 4155** Westcott tenotomy scissors
13. **AAT 4040** Castroviejo corneal scissors small blades
14. **AAT 4180** Westcott stitch scissors
15. **AAT 3170** Bonn forceps, long model, 0.12mm, 1 x 2 teeth
16. **AA 3350** Moody fixation forceps 1 x 2 teeth, 0.5mm left
17. **AA 3351** Moody fixation forceps 1 x 2 teeth, 0.5mm right
18. **AA 3330** Lester fixation forceps straight 1 x 2 teeth
19. **AAT 3790** McPherson tying forceps long handle
20. **AA 5070** Castroviejo needle holder curved, with lock
21. **AAT 5160** Barraquer needle holder curved with lock
22. **AA 7830** Silicone bulb with adaptor
23. **AA 8200** Plastic sterilization box with silicone mat

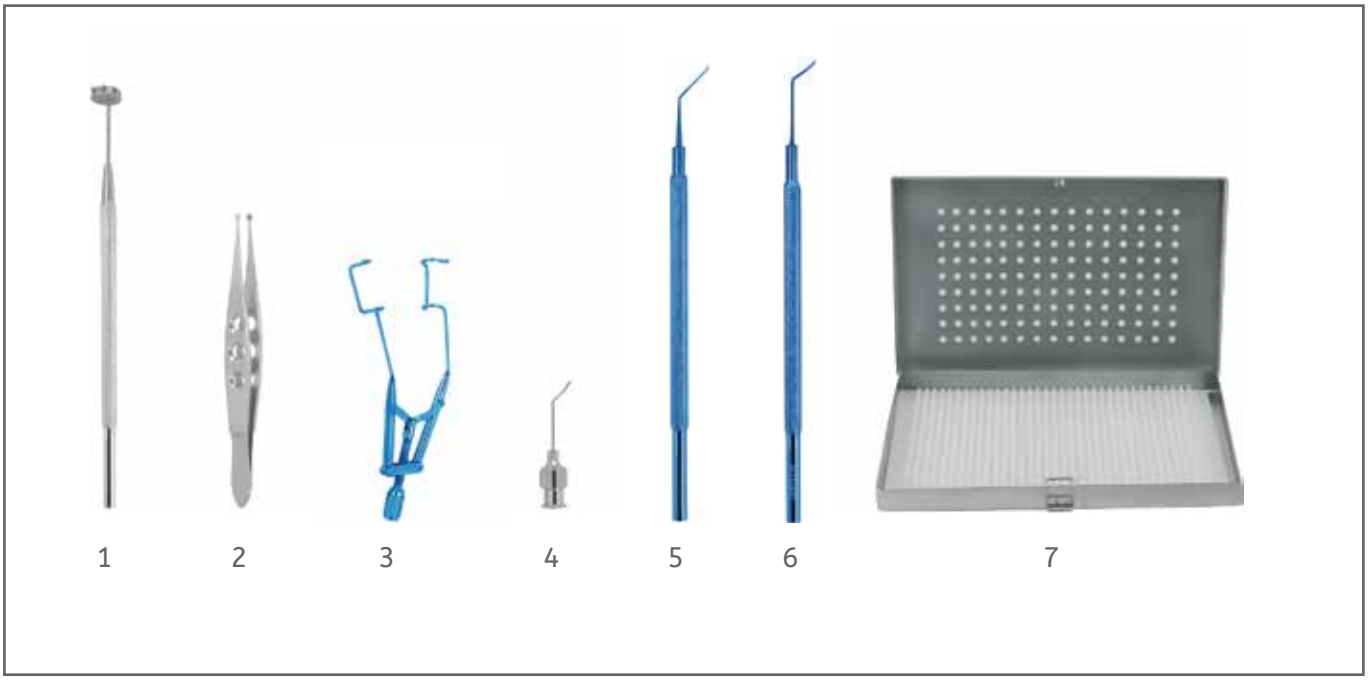




1. **AAT 1184** Lieberman temporal speculum
2. **AAT 1465** Sinskey II lens manipulating hook angled
3. **AA 1597A** Akahoshi nucleus ring sustainer
4. **AAT 1989B** Mohan Rajan micro combo chopper pointed tips 1.50mm
5. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
6. **AAT 3805** McPherson IOL forceps, 11mm angled
7. **AAT 3855** Utrata capsulorhexis forceps
8. **AAT 3862** Utrata Capsulorhexis forceps tip length 11 mm 45°
9. **AAT 3913** Akahoshi super combo prechopper
10. **AAT 4155** Westcott tenotomy scissors
11. **AAT 4275** Vannas capsulotomy scissors angle forward 11mm
12. **AA 7295** Akahoshi hydrodissection cannula 27 G
13. **AAT 7393/94** I/A Probe With tip
14. **AA 8200** Plastic sterilization box with silicone mat



1. **AA 3301** Adson fixation forceps
2. **AAT 3920** Hartman mosquito forceps straight
3. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
4. **AAT 1261** Desmarres Lid retractor size 1-12mm width
5. **AA 4580** Enucleation scissors ring handle medium curve
6. **AA 4585** Enucleation scissors ring handle strong curve
7. **AAT 4550** Knapp strabismus scissorsblunt tipsring handle straight
8. **AAT 4555** Knapp strabismus scissorsblunt tipsring handle curved
9. **AA 1120** Lancaster eye speculum
10. **AAT 1890** Wells enucleation spoon small
11. **AAT 1880** Bunge evisceration spoon small
12. **AAT 1881** Bunge evisceration spoon large
13. **AA 8005** Sterilization box with silicone mat

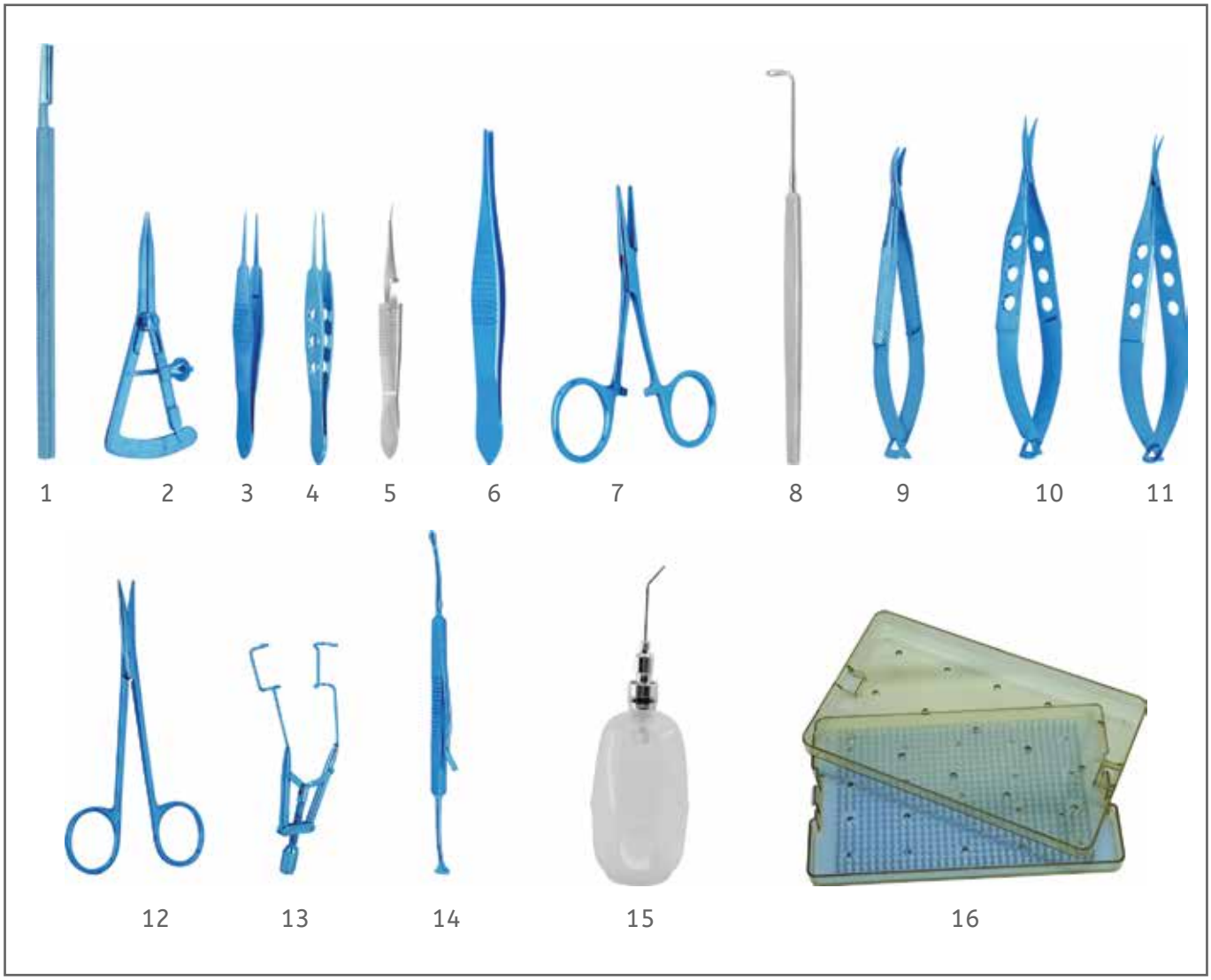


1. **AA 2182** Appa LASIK marker
2. **AA 3876** Buratto LASIK flap forceps
3. **AAT 1184** Lieberman temporal speculum
4. **AA 7885** Buratto LASIK cannula 23 G
5. **AAT 1465** Sinskey II lens manipulating hook angled
6. **AAT 1665** LASIK spatula for lifting and dissecting the corneal flap
7. **AA 8005** Sterilization box with silicone mat



1 2 3 4 5 6

1. **AAT 1196** Jerome Bovert speculum reversible
2. **AAT 1665** LASIK spatulafor lifting and dissecting the corneal flap
3. **AA 3907** Akahoshi nucleus splitter forceps
4. **AAT 7410/11** I/A Bimanual set sand blast tip
5. **AA 7861** Buratto LASIK cannula 23G
6. **AA 8005** Sterilization box with silicone mat

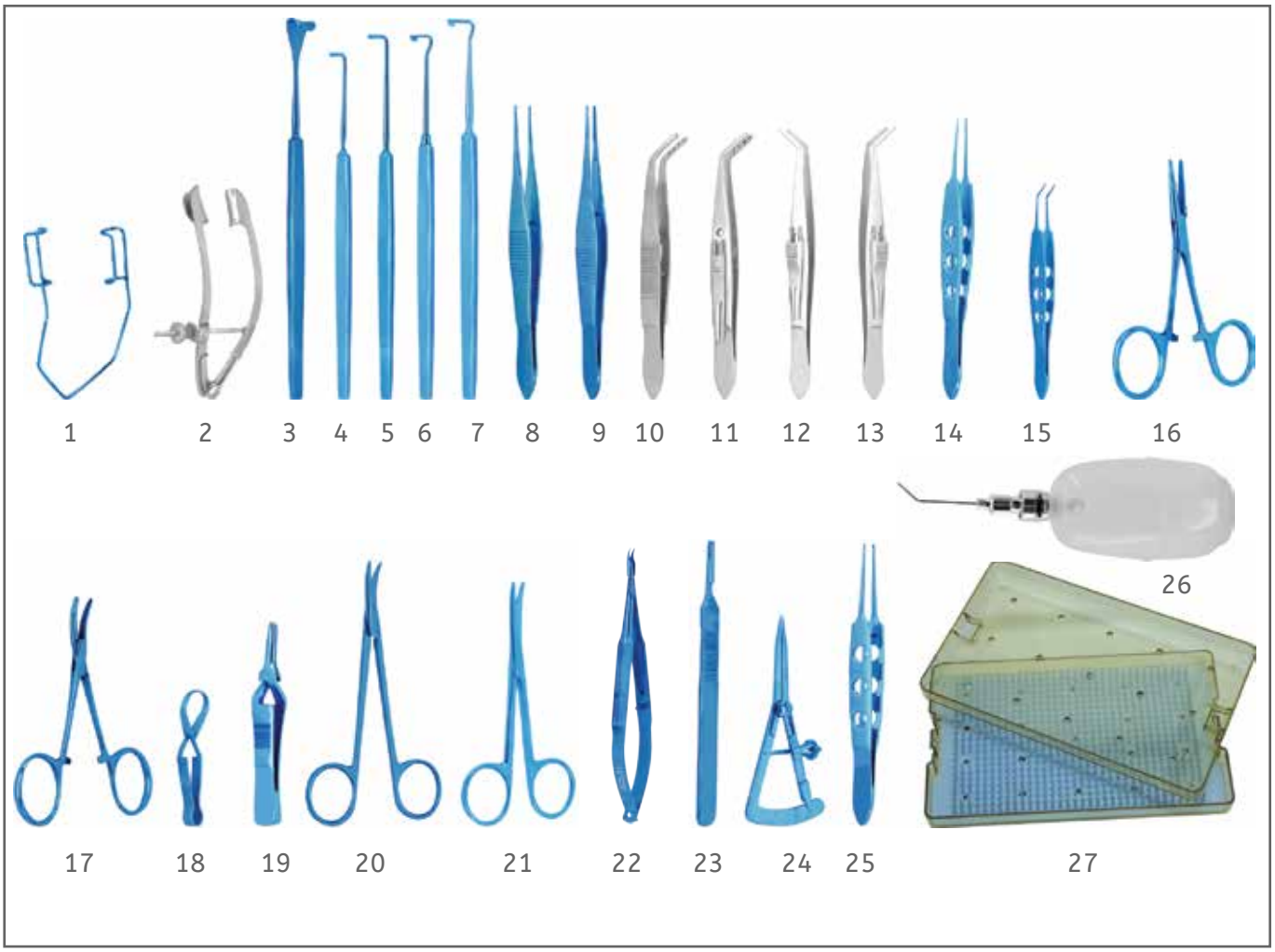


1. **AAT 5465** Bard-Parker handle #3 round handle
2. **AAT 2075** Castroviejo caliper 20mm spread straight
3. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
4. **AAT 3790** McPherson tying forceps long handle
5. **AA 7930** Watzke sleeve spreading forcepes
6. **AAT 3465** Bonaccolto utility forceps 1.2mm wide
7. **AAT 3920** Hartman mosquito forceps straight
8. **AA 1830** Gass retinal detachment hook
9. **AAT 5135** Barraquer needle holdershort model curved without lock
10. **AAT 4155** Westcott tenotomy scissors
11. **AAT 4040** Castroviejo corneal scissors small blades
12. **AAT 4530** Stevens tenotomy scissors blunt tips, ring handle straight
13. **AAT 1184** Lieberman temporal speculum
14. **AAT 1310** Schocket scleral depressor double-end with pocket clip
15. **AA 7830** Silicone bulb with adaptor
16. **AA 8200** Plastic sterilization box with silicone mat

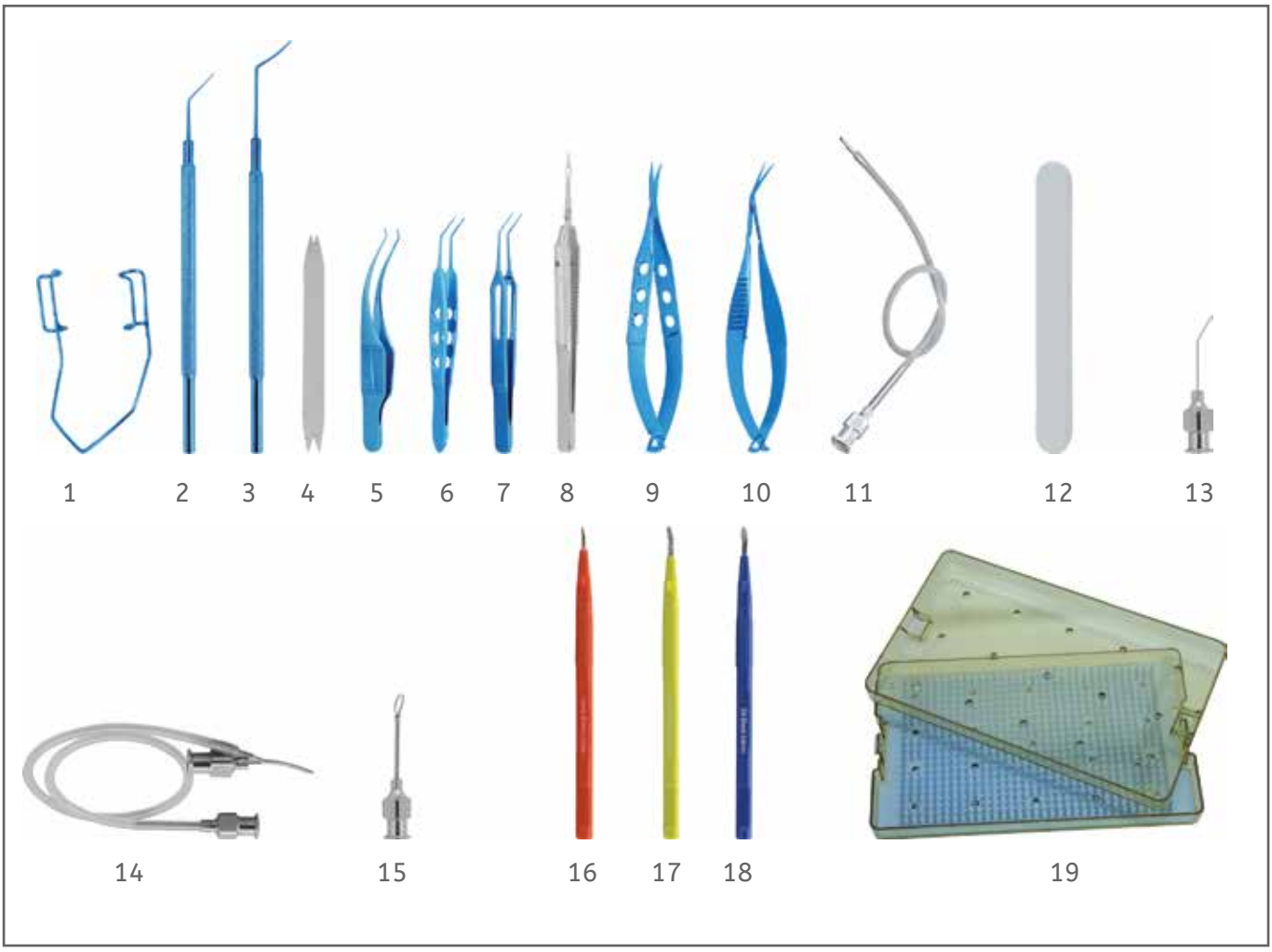


1 2 3 4 5 6 7 8

1. **AAT 2075** Castroviejo caliper 20mm spread straight
2. **AA 2203** Hoffer optic zone marker 8.00mm dia.
3. **AA 3671** Forceps for ICSR implant
4. **AA 2515** DSEK reverse sinskey hook
5. **AA 4110** Micro Iris scissors curved, pointed tipslarge blades
6. **AA 2555** DALK corneal dissector
7. **AAT 2565** Bonfadini DALK spatula 1mm wide, 8mm long
8. **AA 8005** Sterilization box with silicone mat



1. **AAT 1009** Barraquer wire speculum, large
2. **AA 1120** Lancaster eye speculum
3. **AAT 1260** Desmarres Lid retractor size 0
4. **AAT 1825** Graefe muscle hook size 1
5. **AAT 1826** Graefe muscle hook size 2
6. **AAT 1835** Jameson muscle hook small
7. **AAT 1837** Jameson muscle hook large
8. **AAT 3300** Fixation forceps 1 x 2 teeth
9. **AAT 3460** Wills hospital utility forceps
10. **AA 3535** Jameson muscle forceps left child 4 teeth
11. **AA 3540** Jameson muscle forceps right child 4 teeth
12. **AA 3555** Worth advancement forceps left
13. **AA 3560** Worth advancement forceps right
14. **AAT 3790** McPherson tying forceps st. Long handle
15. **AAT 3800** Kelman-McPherson forceps 7.5mm angle long handle
16. **AAT 3920** Hartman mosquito forceps straight
17. **AAT 3925** Hartman mosquito forceps curved
18. **AAT 3945** Baby Jones towel clamp
19. **AAT 3950** Serrefine small straight
20. **AAT 4535** Stevens tenotomy scissors curved
21. **AAT 4555** Knapp strabismus scissors curved
22. **AAT 5145** Barraquer N.Holder short model micro jaws,w/o lock
23. **AAT 5460** Bard-Parker handle #3 flat
24. **AAT 2075** Castroviejo caliper 20mm spread straight
25. **AAT 3255** Bishop-Harmon tissue forceps delicate 0.8mm
26. **AA 7830** Silicone bulb with adaptor
27. **AA 8200** Plastic sterilization box with silicone mat

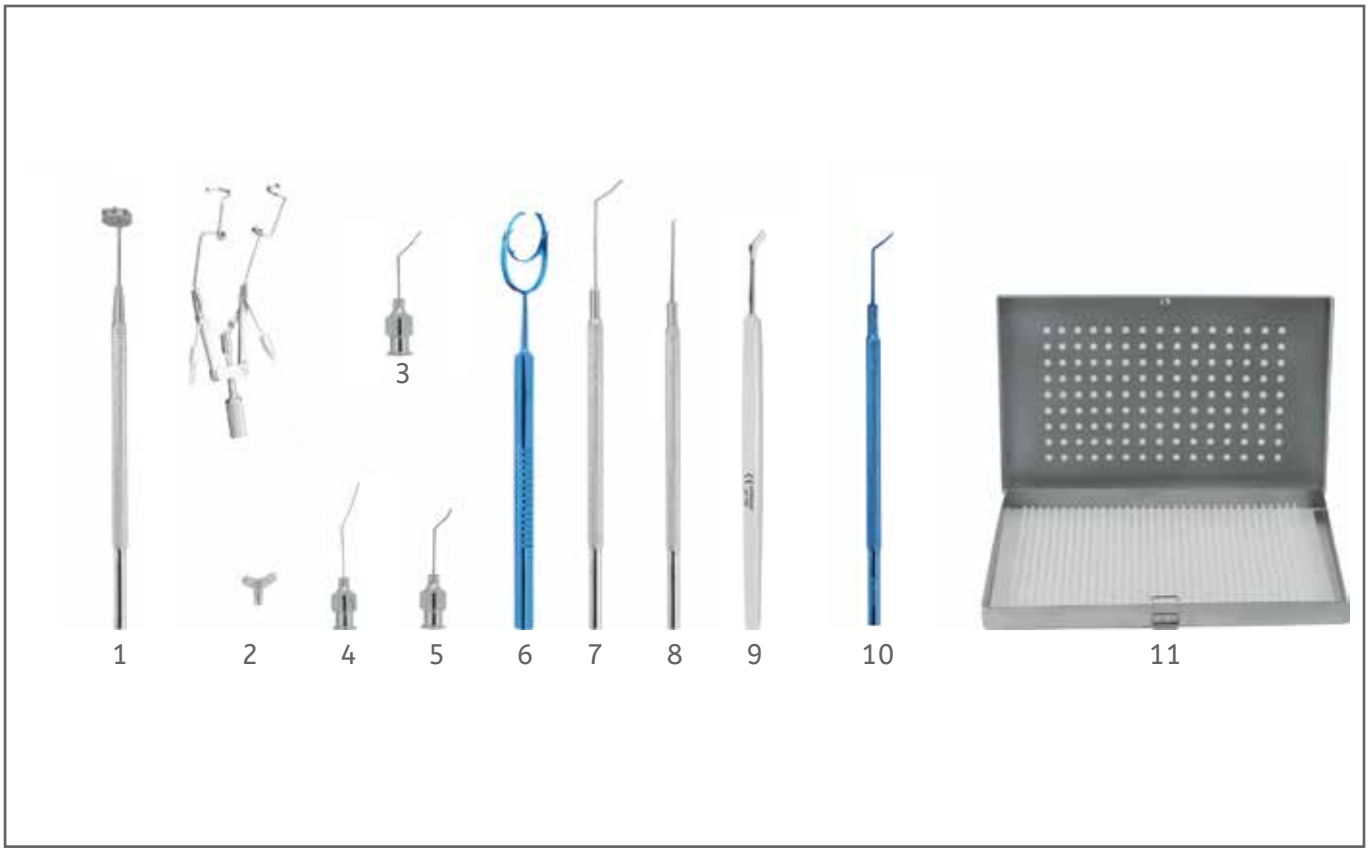


1. **AAT 1009** Barraquer wire speculum, large
2. **AAT 1465** Sinskey II lens manipulating hook angled
3. **AAT 1655** Barraquer Iris spatula, 0.25mm, angled
4. **AA 2087A** Appasamy fixed caliper double end size 3.0 & 5.20mm
5. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
6. **AAT 3805** McPherson IOL forceps, 11mm angled
7. **AAT 3855** Utrata capsulorhexis forceps, long straight shanks
8. **AA 3907** Akahoshi nucleus splitter forceps
9. **AAT 4155** Westcott tenotomy scissors
10. **AAT 4275** Vannas capsulotomy scissors angle forward 11mm
11. **AA 7150** Lewicky Anterior Chamber maintainer
12. **AA 7202** IOL glide, silicone
13. **AA 7205** Pearce hydrodissection cannula, 25 G
14. **AA 7447** Ruit irrigating/aspirating cannula, 23 G
15. **AA 7705** Knolle-Pearce irrigating vectis, 4mm wide, 7mm long loop
16. **AA 560012** Lance Knife (side port blade), 1.2mm
17. **AA 561021** Tunnel Knife (crescent blade), 2.1mm
18. **AA 562028** Slit Knife 2.8mm (keratome blade)
19. **AA 8200** Plastic sterilization box with silicone mat

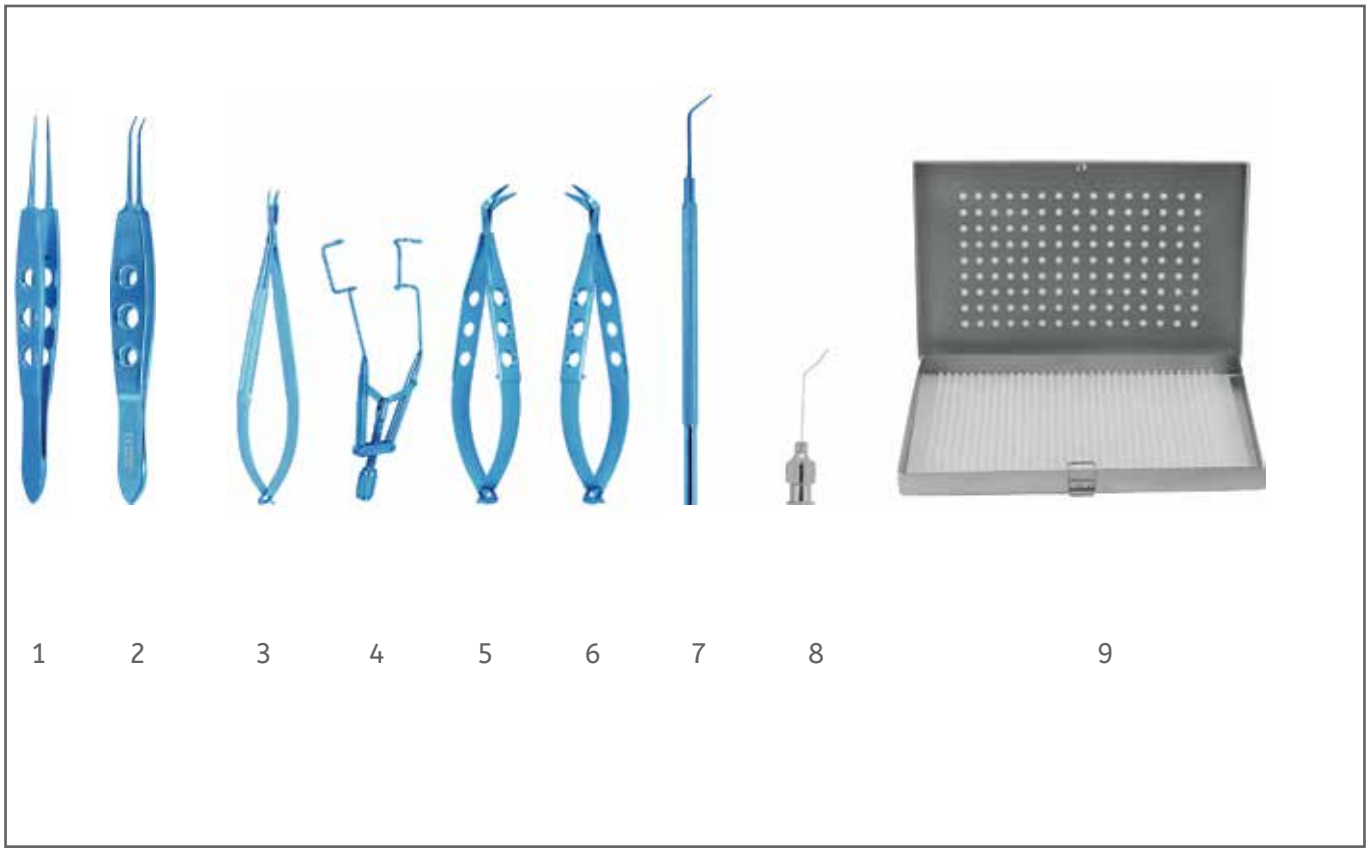


1 2 3 4 5 6 7 8 9 10 11

1. **AAT 2140** Mendez degree gauge
2. **AAT 2146** Tunnel zone marker
3. **AAT 2221** Optical zone marker double ended
4. **AA 2432** ICSR tunnel marker, left
5. **AA 2433** ICSR tunnel marker, right
6. **AAT 2434** ICSR tunnel maker double end small
7. **AA 2516** Elevator for ICSR implantation
8. **AA 2517** Suarez spreader
9. **AA 2518** Bicalto guide
10. **AA 3671** ICSR implantation forceps1x1 teeth 0.2mm
11. **AA 8005** Sterilization box with silicone mat

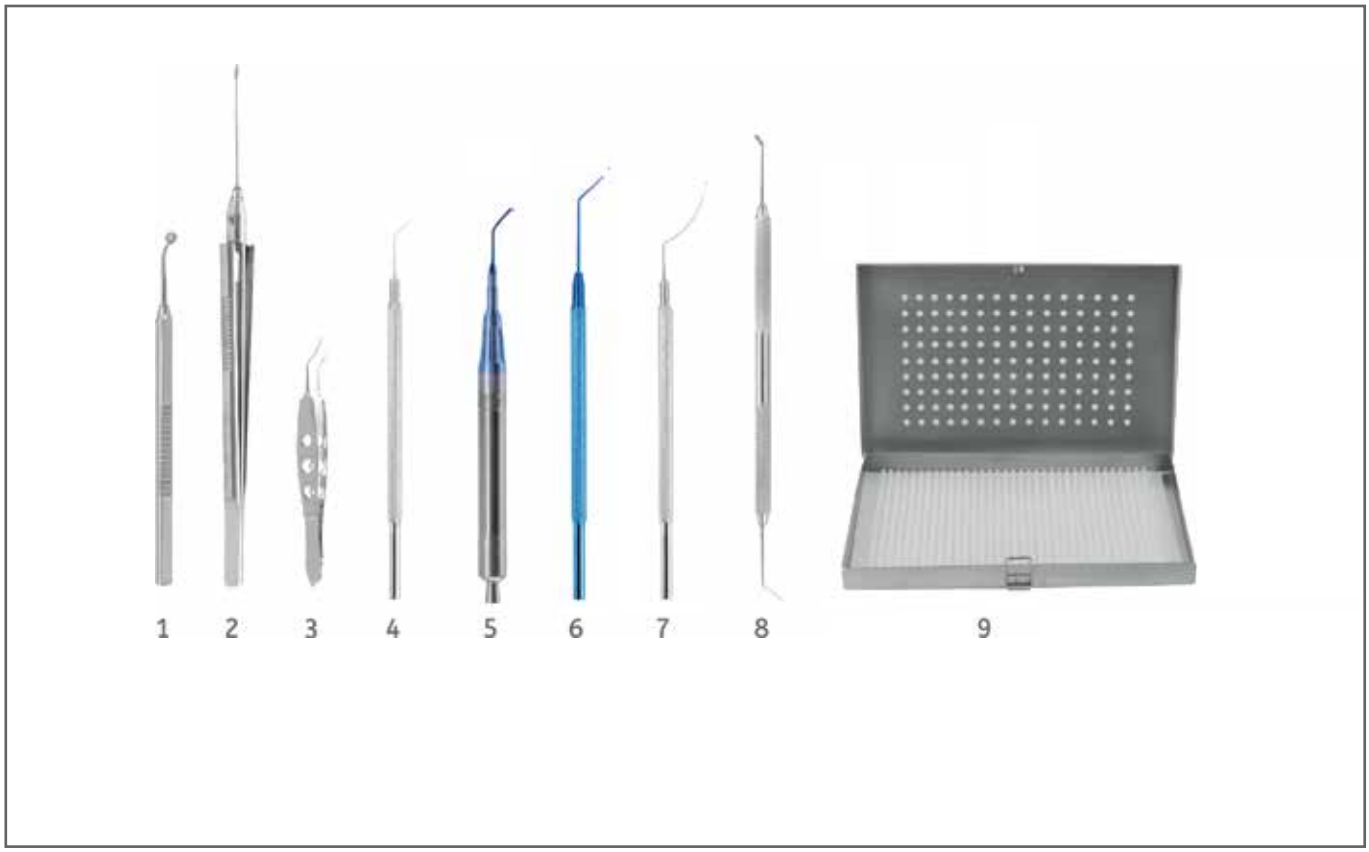


1. **AA 2182** Appa LASIK marker AA 3876 buratto LASIK flap forceps
2. **AA 1086** Lieberman irrigating speculum, temporal
3. **AA 7880** Banaji LASIK cannula (6 ports)
4. **AA 7861** Buratto LASIK cannula 23G
5. **AA 7885** Buratto LASIK cannula 23 G
6. **AAT 1817** Shepard fixation ring
7. **AA 1683** LASIK spatula
8. **AA 2517** Suarez spreader
9. **AA 1390** Paton corneal dissector
10. **AAT 1665** Fukasaku LASIK spatula for lifting and dissecting the corneal flap
11. **AA 8005** Sterilization box with silicone mat

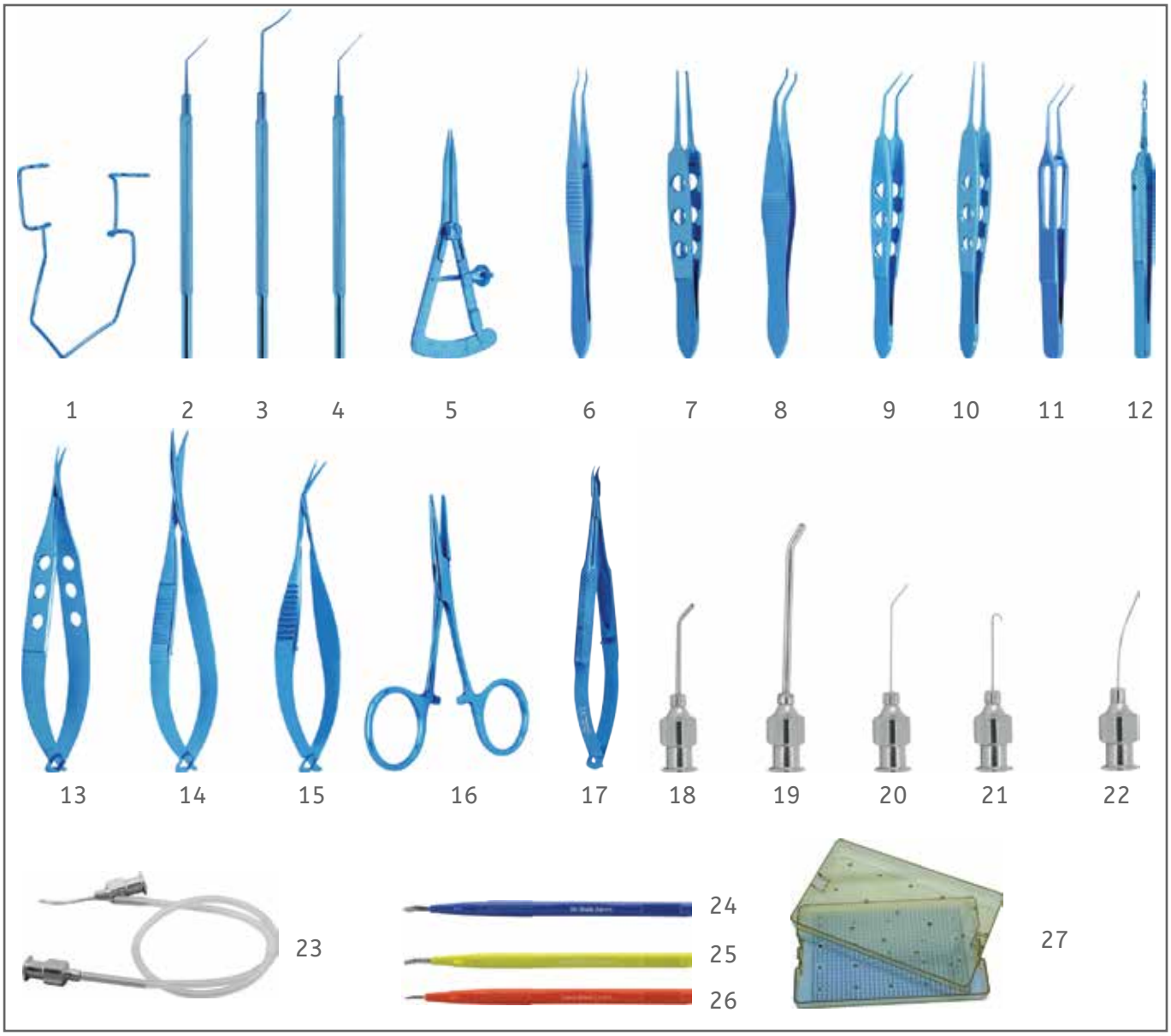


1 2 3 4 5 6 7 8 9

1. **AAT 3750** Jaffe tying forceps smooth jaws with 5mm long platform straight
2. **AAT 3755** Jaffe tying forceps smooth jaws with 5mm long platform curved
3. **AAT 5175** Barraquer needle holder micro without lock
4. **AAT 1184** Lieberman temporal speculum
5. **AAT 4020** Katzin corneal transplant scissors, left
6. **AAT 4025** Katzin corneal transplant scissors, right
7. **AAT 2565** Bonfadini DALK spatula
8. **AA 7100** DALK air injection cannula
9. **AA 8005** Sterilization box with silicone mat

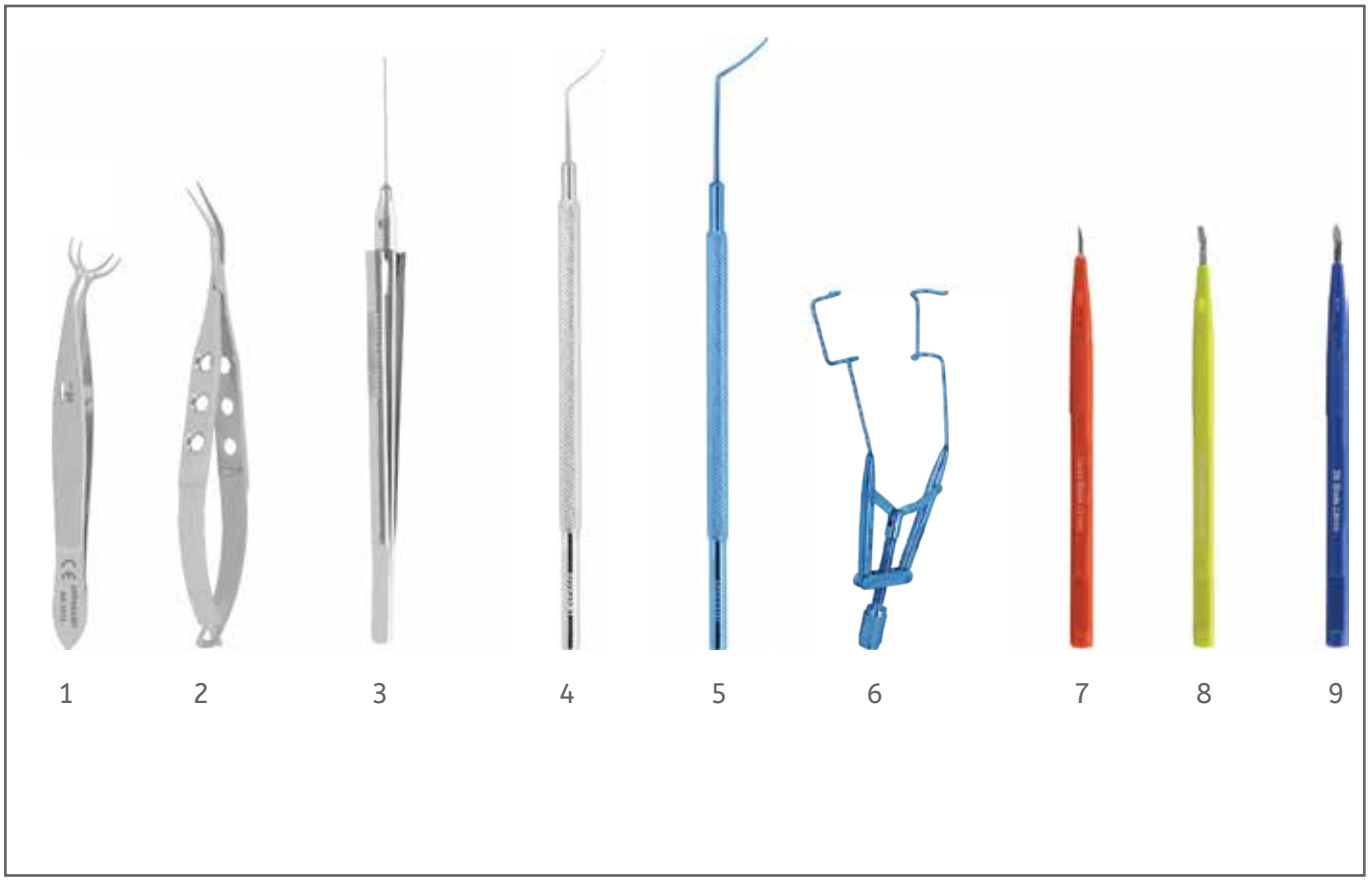


1. **AA 2230** Bores Optic zone marker
2. **AA 3990** Iridectomy forceps
3. **AA 3731** Donor lamellar inserting forceps
4. **AA 2515** Reverse Sinskey hook
5. **AAT 8325** Irrigating endothelial stripper 20 G tip set
6. **AAT 1625A** Appasamy plain rod 11mm angled
7. **AA 2505** DSAEK stromal scrubber
8. **AA 2530** Rosenwasser lamellar donor inserting shovel
9. **AA 8005** Sterilization box with silicone mat

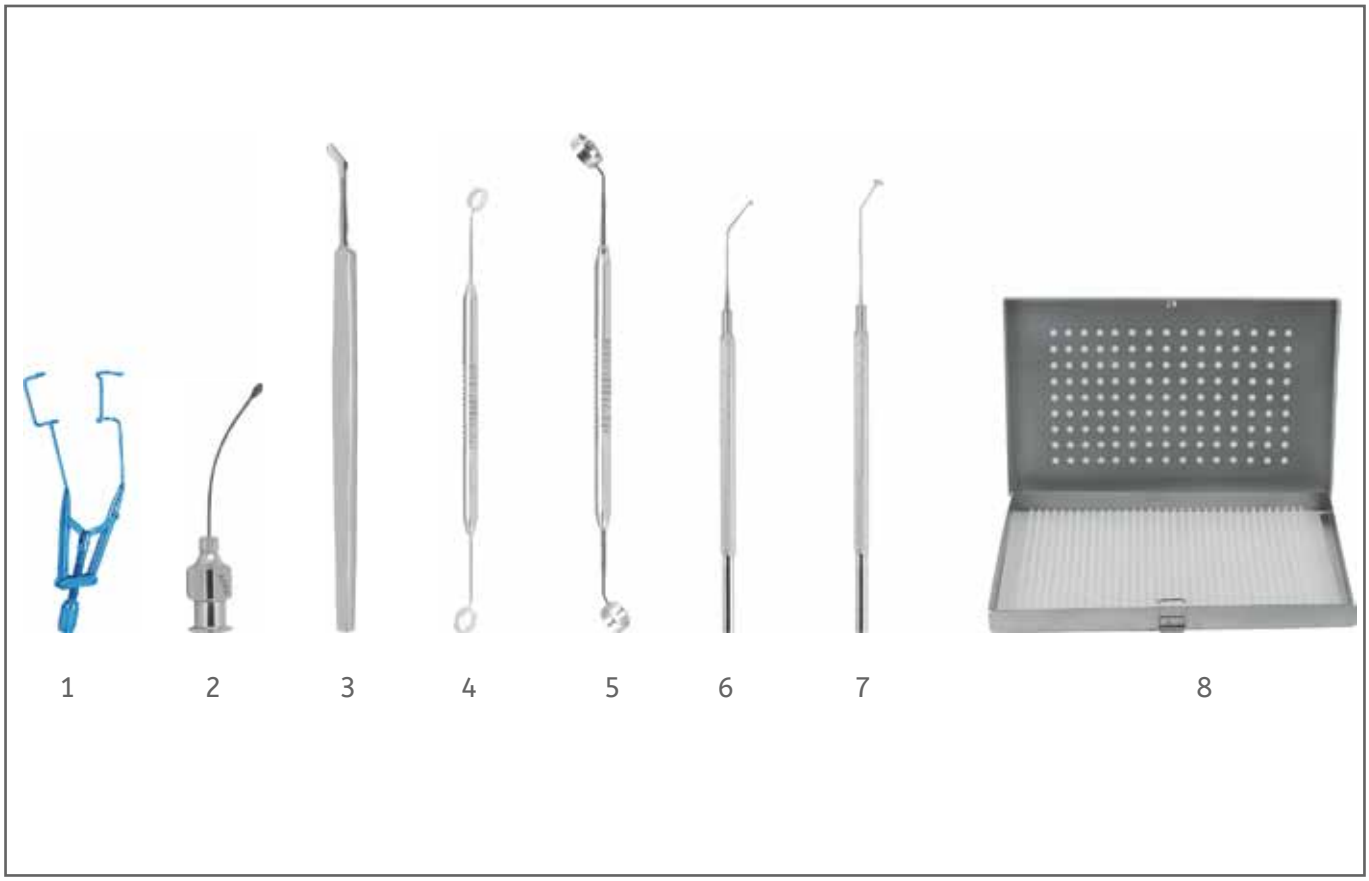


1. **AAT 1025** Kratz -Barraquer wire speculum, big
2. **AAT 1465** Sinskey II lens manipulating hook angled
3. **AAT 1655** Barraquer IRIS spatula, 0.25mm, angled
4. **AAT 1993** Agarwal phaco chopper 1mm fully cutting edge
5. **AAT 2075** Castroviejo caliper 20mm spread
6. **AAT 3145** Lim's corneoscleral forceps 0.12mm, 1 x 2 teeth
7. **AAT 3255** Bishop-Harmon tissue forceps delicate 0.8mm
8. **AAT 3340** Dastoor superior rectus forceps, 1 x 2 teeth
9. **AAT 3805** McPherson IOL forceps, 11mm angled
10. **AAT 3790** McPherson tying forceps st. Long handle
11. **AAT 3855** Utrata capsulorhexis forceps flat handle
12. **AAT 3913** Akahoshi super combo prechopper
13. **AAT 4040** Castroviejo corneal scissors small blades
14. **AAT 4180** Westcott stitch scissors
15. **AAT 4275** Vannas capsulotomy scissors angle forward 11mm
16. **AAT 3920** Hartman mosquito forceps straight
17. **AAT 5145** Barraquer N.Holder short model micro jaws, without lock
18. **AA 7105** Rycroft air injection cannula, 23 G
19. **AA 7145** Anterior chamber washout cannula 16 G
20. **AA 7205** Pearce hydrodissection cannula , 35deg. Angled 25 G
21. **AA 7215** Gimbel 'U' shaped hydrodissector, 25 G
22. **AA 7230** Kellan hydrodelineation cannula curved Bevel tip 25 G
23. **AA 7420** Simcoe I/A cannula 23 G direct
24. **AA 560012** Lance Knife (side port blade), 1.2mm
25. **AA 561021** Tunnel Knife (crescent blade), 2.1mm
26. **AA 562028** Slit Knife 2.8mm (keratome blade)
27. **AA 8200** Plastic sterilization box with silicone mat

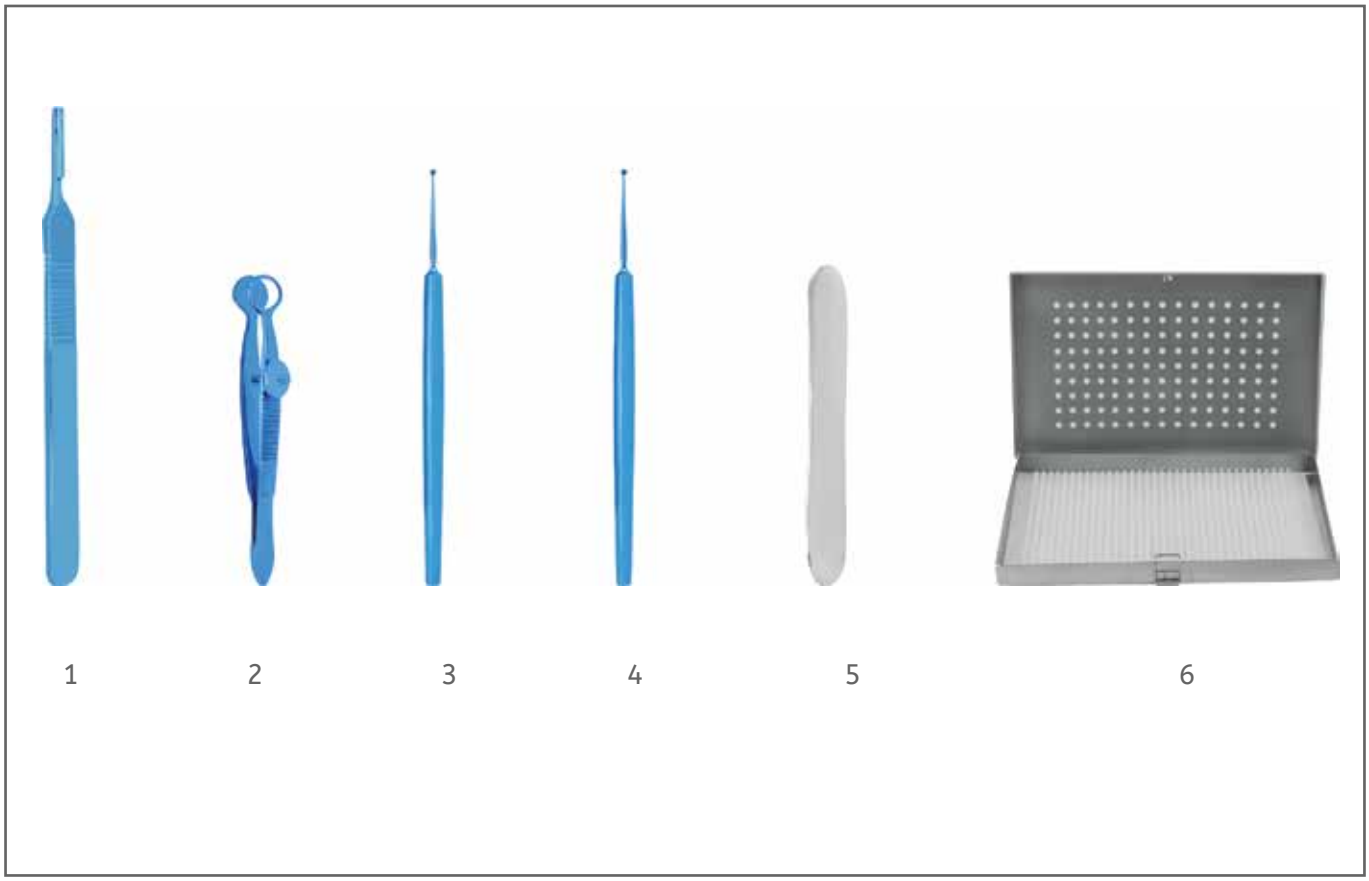
AA - Stainless Steel, AAT - Titanium



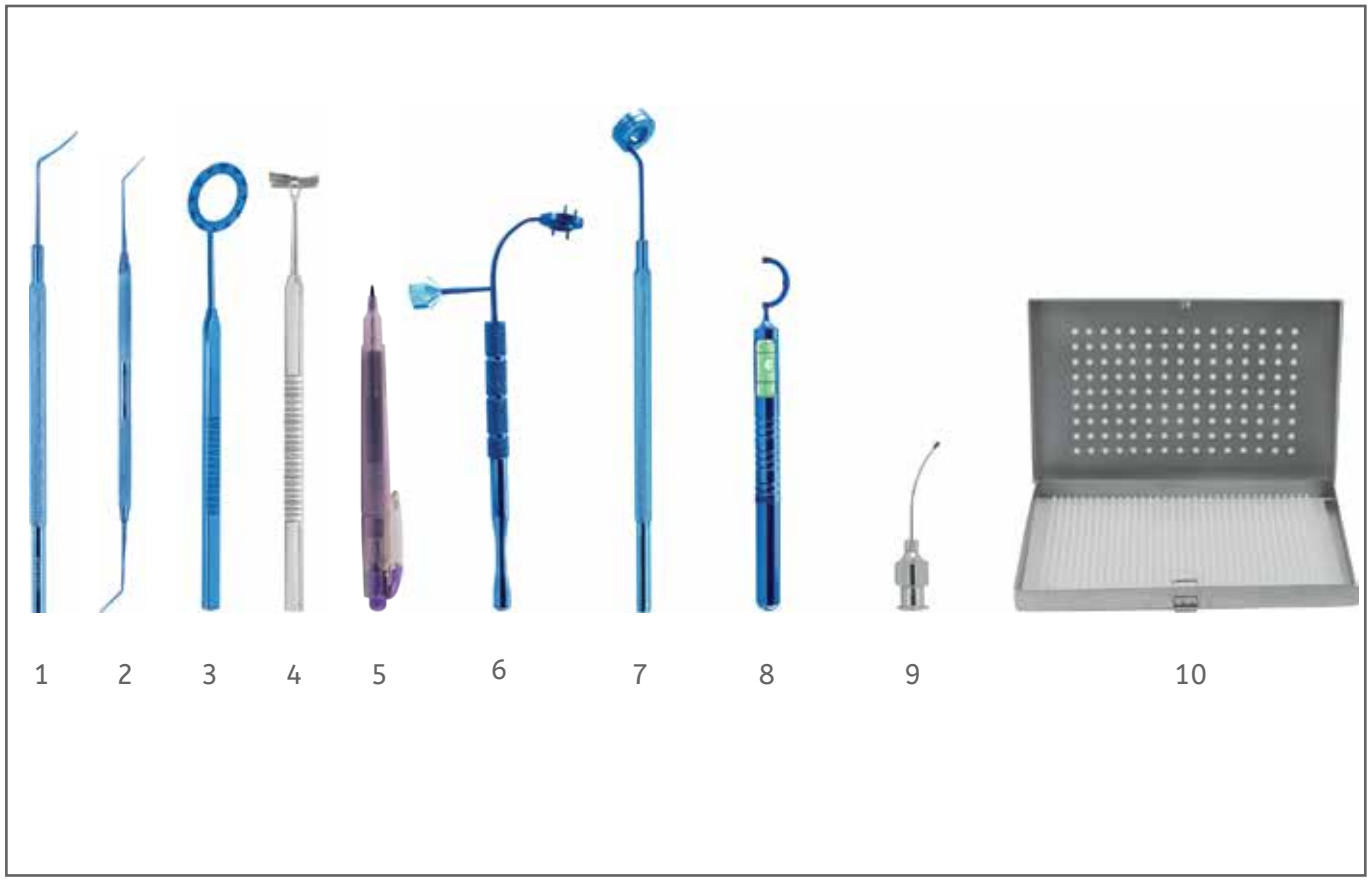
1. **AA 3415** Kremer corneal fixation forceps, curvedt
2. **AA 3721** DSEK inserting forceps
3. **AA 3987** Lens cartridge loading forceps, straight 20 G
4. **AA 1620** Tennant Nucleus manipulator ball shaped tip
5. **AAT 1655** Barraquer Iris spatula 0.25mm, angled
6. **AAT 1184** Lieberman temporal speculum
7. **AA 560012** Lance Knife (side port blade), 1.2mm
8. **AA 561021** Tunnel Knife (crescent blade), 2.1mm
9. **AA 562028** Slit Knife 2.8mm (keratome blade)



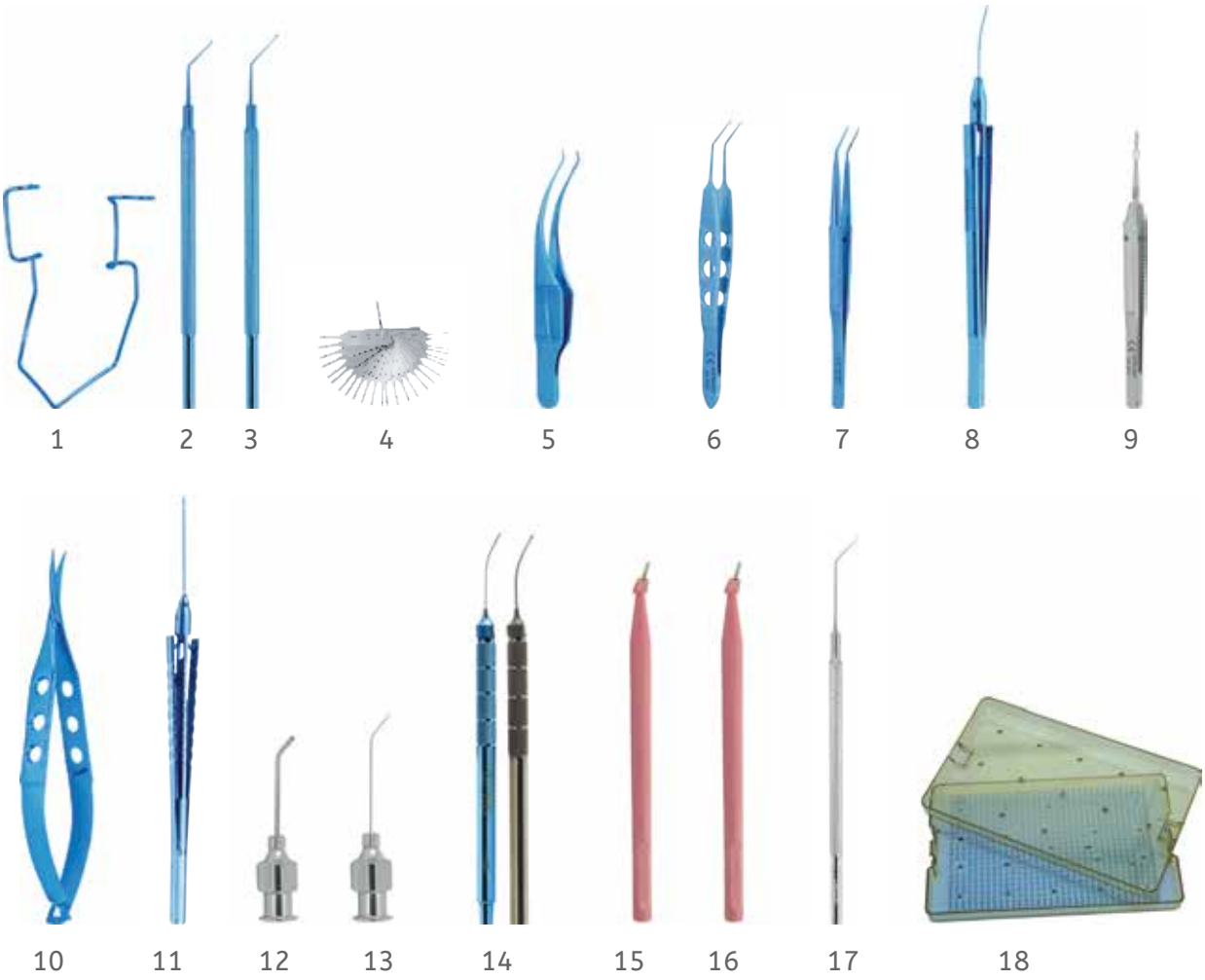
1. **AAT 1184** Lieberman temporal speculum
2. **AA 7605** Jensen capsule polisher sand blast olive tip,23 G
3. **AA 1390** Paton corneal dissector
4. **AA 2430** LASEK trephine 8mm & 8.5mm
5. **AA 2425** LASEK alcohol well 8mm & 8.5mm
6. **AA 2405** LASEK epithelial detaching spatula
7. **AA 2410** LASEK epithelial micro hoe
8. **AA 8005** Sterilization box with silicone mat



1. **AAT 5460** Bard-Parker handle #3 flat
2. **AAT 3625** Desmarres chalazion forceps 13mm/20mm Dia
3. **AAT 1875** Meyerhoefer chalazion curette size 0, 1.50mm Dia
4. **AAT 1877** Meyerhoefer chalazion curette size 2, 2.25mm Dia
5. **AA 1740** Jaeger Lid plate
6. **AA 8005** Sterilization box with silicone mat



1. **AAT 1655** Barraquer Iris spatula 0.25mm, angled
2. **AAT 1625** Maloney Y Pusher & Rod Tip - 0.7mm width `Y' rotator & forked tip
3. **AAT 2140** Mendez degree gauge
4. **AA 2145** Bores axis marker
5. **AA 2300** Marking pen, fine tip
6. **AAT 2815** Toric combo marker
7. **AAT 2825** LRI marker 40-60-80 degree
8. **AAT 2830** Pre-op Toric reference marker, with bubble level
9. **AA 7621** Henderson MICS capsule polisher
10. **AA 8005** Sterilization box with silicone mat



1. **AAT 1025** Kratz -Barraquer wire speculum, big
2. **AAT 1465** Sinskey II lens manipulating hook angled
3. **AAT 1993** Agarwal phaco chopper 1mm fully cutting edge
4. **AA 2102** Appasamy incision gauge (0.80mm to 3.2mm)
5. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
6. **AAT 3805** McPherson IOL forceps, 11mm angled
7. **AAT 3861** Utrata Capsulorhexis forceps tip length 11 mm 45°
8. **AAT 3872** Kreshner micro incision capsulorhexis forceps, curved 23 G
9. **AA 3913** Akahoshi super combo prechopper
10. **AAT 4155** Westcott tenotomy scissors
11. **AAT 4455A** Vitreous scissors curved, 23 G
12. **AA 7105** Rycroft air injection cannula, 23 G
13. **AA 7205** Pearce hydrodissection cannula, 25 G
14. **AAT 7410/11** I/A Bimanual set
15. **AA 572014** Ultra thin phaconit Knife, 1.4mm
16. **AA 572018** Ultra thin phaconit Knife, 1.8mm
17. **AA 1597A** Akahoshi nucleus ball sustainer
18. **AA 8200** Plastic sterilization box with silicone mat

Guidelines for instruments for handling and caring

- We congratulate you for selecting “APPASAMY” Ophthalmic Micro surgery instruments, manufactured with extra care. The following suggestions will help you to maintain life of instruments and quality.
- Inspect instruments immediately on receipt, of first hand observation by yourself.
- Store instruments in protective containers in which they will be sterilized. Ensure instruments stored in these containers do not contact each other. Also provide correct size soft silicone mats in this sterilizing containers.
- Use protective tip guards of recommended grade (soft silicone autoclavable material)
- Never sterilize titanium and stainless steel instruments together.
- Make it practice to inspect every delicate instruments at the end of surgery.
- Clean manually using mild soap solution with a soft bristle tooth brush to remove stains.
- Use distilled or demineralized water to rinse instruments thoroughly and dry them with a hot air blower leaving no trace of water.
- Do not allow medicines/saline solutions or any protein residue to dry on instruments.
- Alternatively ultrasonic cleaning method can be used which gives best result. Strictly adhere to the ultrasonic manufactures instructions while using this method use specific cleaning solutions. Change the solutions frequently. Always use DM or distilled water.
- Use only silicone or Teflon base lubricants if at all you wish to lubricate any of your instruments.
  Do not use ordinary lubricants.
- Never cover up corrosion with lubricating die, which may cause severe damage to the instruments while autoclaving
- Clean and rinse your instrument before sterilizing. Use any of sterilizing methods viz. Steam autoclaving, ethylene oxide gas, or dry hot air, according to your institution’s standards.

Replacement

Our micro surgical instruments are produced with clinical precision and undergo strenuous quality checks at every stage. The instruments will be replaced free of charge, in case of any manufacturing defects due to workmanship of material, notified within 15days from the date of purchase. Please clearly quote catalogue number, batch/lot number printed on the packing sticker and also purchase references of SUBJECT INSRUMENT DURING TRANSACTION FOR TRACEABILITY.

Ophthalmic Instruments Catalogue

More than
40 Years in
Ophthalmology

QUALITY | SERVICE | INTEGRITY

