

Ophthalmic Instruments Catalogue

More than
40 Years in
Ophthalmology

QUALITY | SERVICE | INTEGRITY



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.



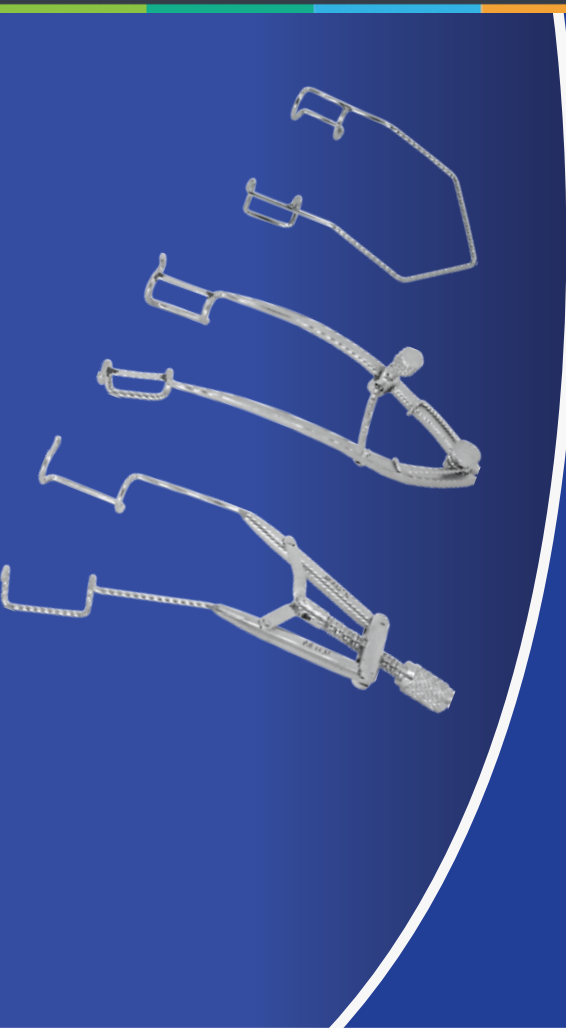
SPECULUMS

Wire Speculums

Eye Speculums

Irrigating Speculums

LASIK Speculums



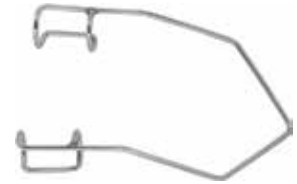
Barraquer

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



Barraquer

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



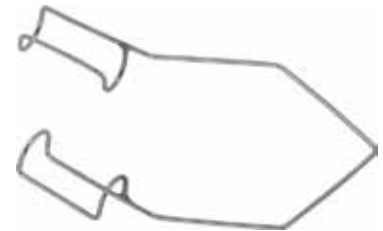
Barraquer

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



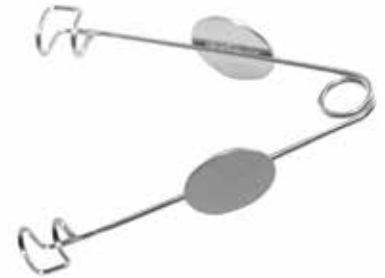
Barraquer

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



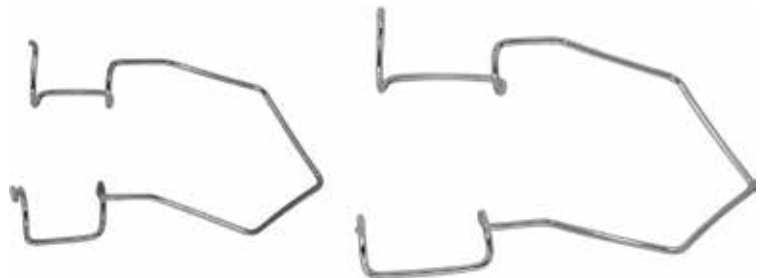
Kratz-Barraquer

Wire speculum
size 6 mm blade
AA 1019 Extra Small



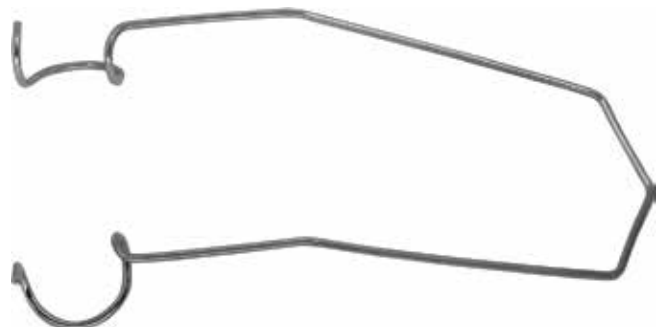
Kratz-Barraquer

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

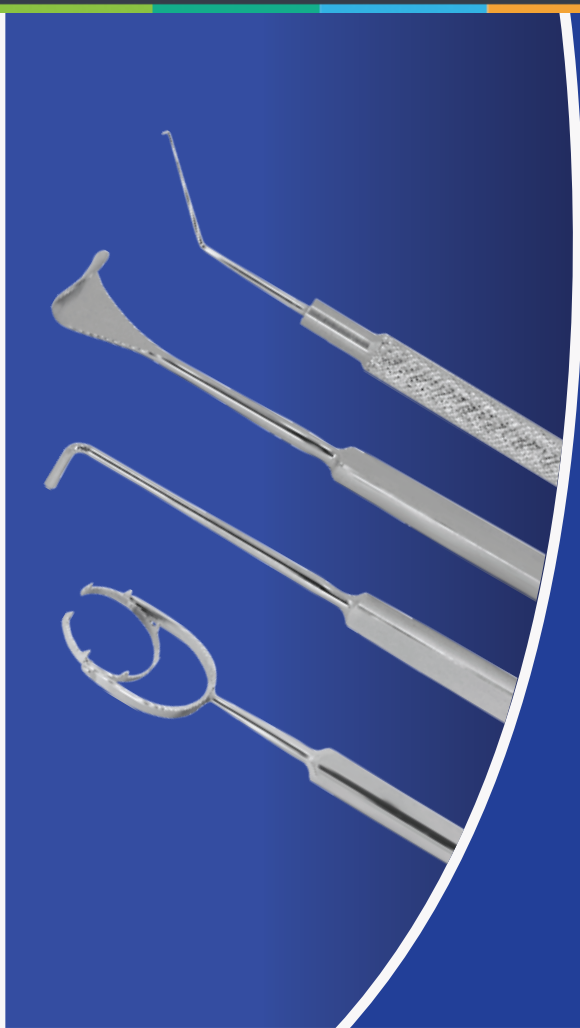
LASIK speculum
AA 1195 / AAT 1195



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



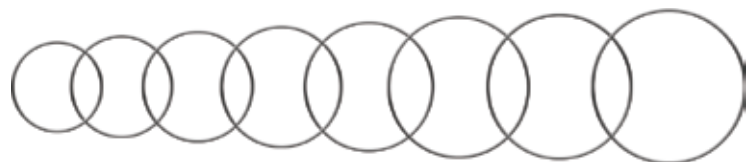
Helveston

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



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



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



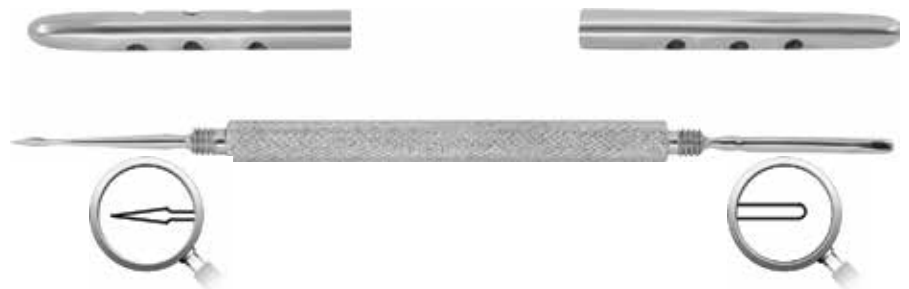
Francis

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



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



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 nucleic
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 Neuhaan

Iris Hook & nucleus splitter

size 0.75 mm tip &

1.0 mm inner cutting edge, 1.3 mm tip

AA 1632



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

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



Girard

Synechia 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



Dastoor

Pupil and Iris reposeritor
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



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



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



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



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

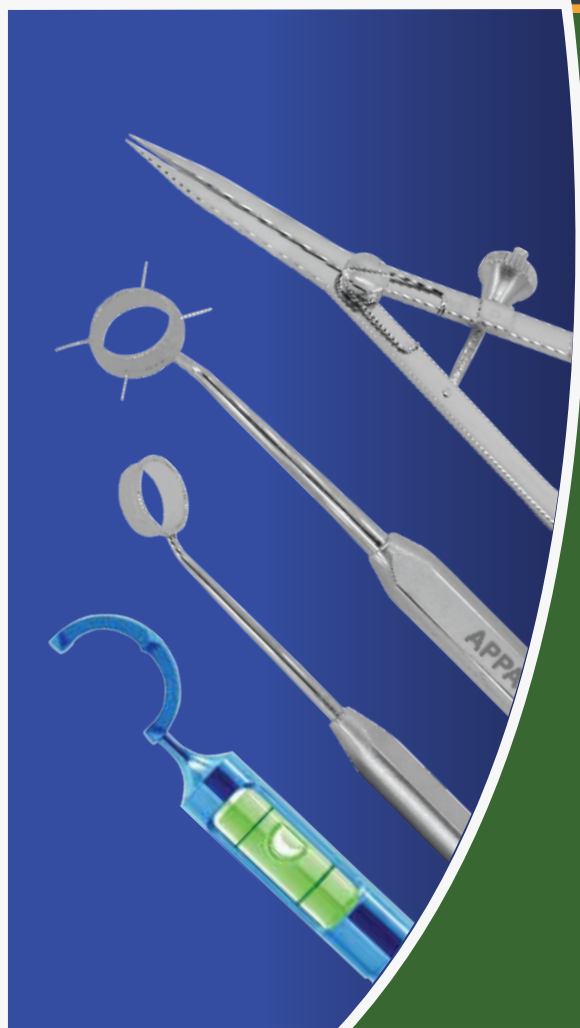
Universal chopper

AA 2008 1 mm tip

AA 2008A 1.25 mm tip



AA - Stainless Steel, AAT - Titanium



Corneal Trephines

Calipers

Markers

LASEK Instruments

LASIK Instruments

DSEK Instruments

Membrane Spatula



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



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



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



On Request

(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



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.



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



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 O' 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



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



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



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



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





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 O' clock

AAT 2800



Whitehouse Gravity Axis Marker II

Pre-op reference marker modified whitehouse gravity marker with reduced diameters straight

AAT 2805



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



AAT 2850

Nichamin Lri
Degree Gauge



Appa-Lane

Pre Op Toric Reference Marker

Marking pattern is 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 shown 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

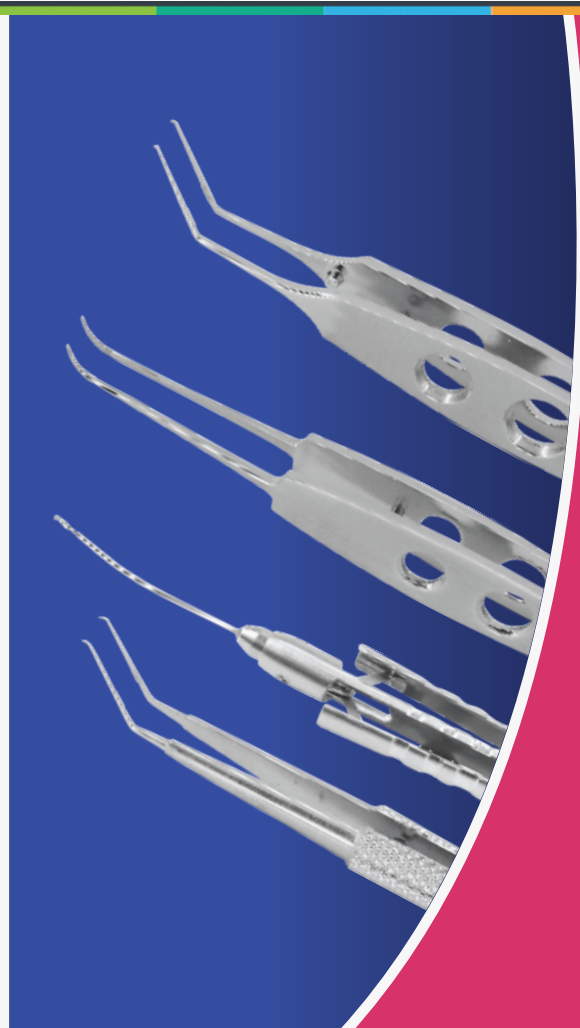


Agarwal Glued IOL Marker

Marks exactly 180° apart, for making the square scleral flaps size 3.0 mm wide

AAT 2890





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



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



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



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



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



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



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



Battle Eyelid Compression Forceps

Broad, smoothly polished tips;
intended for expressing meibum
from inflamed or occluded meibomian
glands

AA 3640



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



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

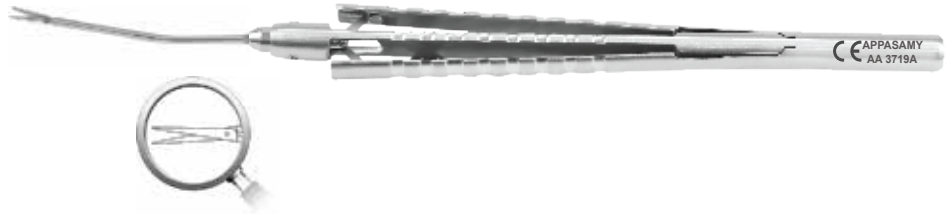
To cut silicone or acrylic IOL
in case of complications
AA 3719



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



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



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



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



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



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 platform, straight

AA 3975 / AAT 3975 20 G

AA 3975A / AAT 3975A 23 G



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 capsulorhexis

through 0.8 mm side-port incision

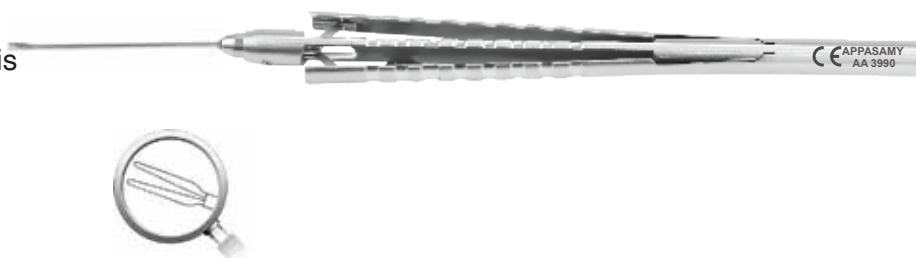
straight 23 gauge shaft

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

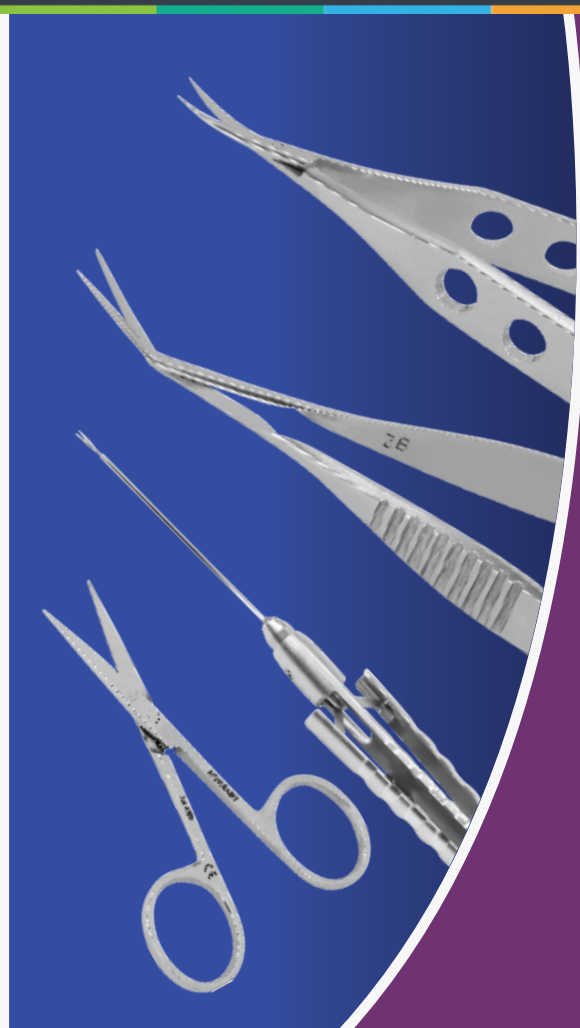
AA 3995A straight 23 G

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



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



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



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



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



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



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



Stitch Scissors

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



Stevens

Tenotomy scissors
blunt tips, ring handle
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



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



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



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)



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

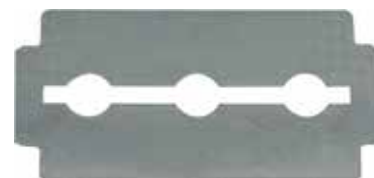
AA 5560 #11 blade

AA 5561 #15 blade



Carbon Razor Blade

AA 5570

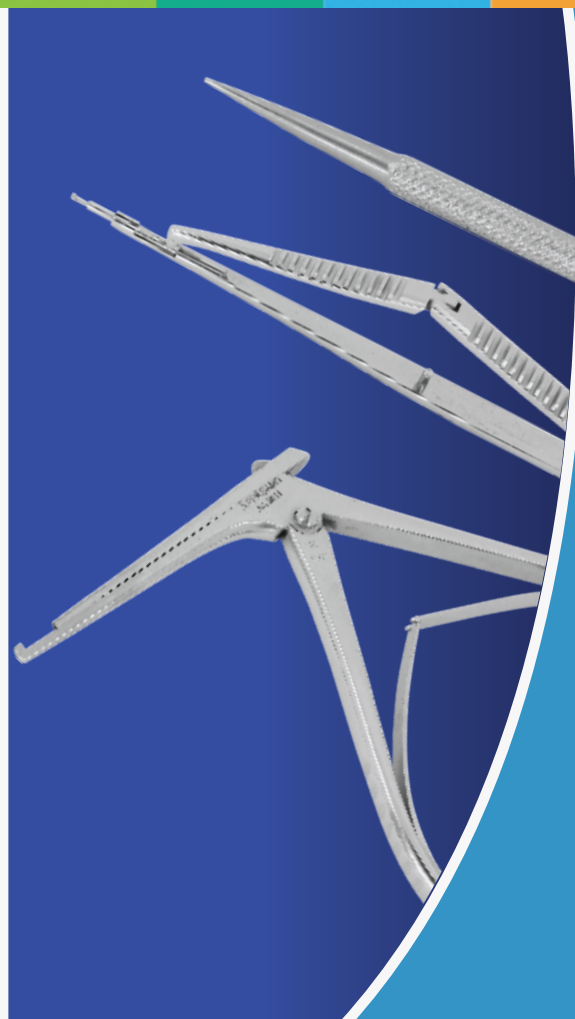


Eye Shield

Post operative - opaque
plastic green colour
non autoclave

AA 5580





Punches

Corneoscleral Punches

DCR Trephines

Lacrimal Probes

Intubation Set



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



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

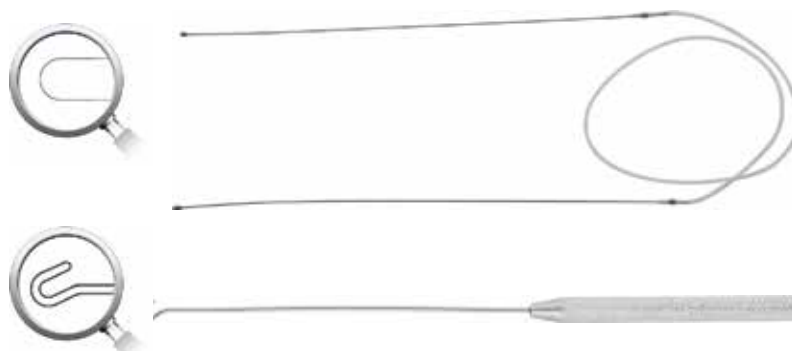
Lacrimal probe
malleable stainless steel
AA 6175 set of 4 sizes
AA 6180 size 0000&000
AA 6190 size 00&0
AA 6200 size 1&2
AA 6210 size 3&4
AA 6212 size 5&6
AA 6214 size 7&8



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

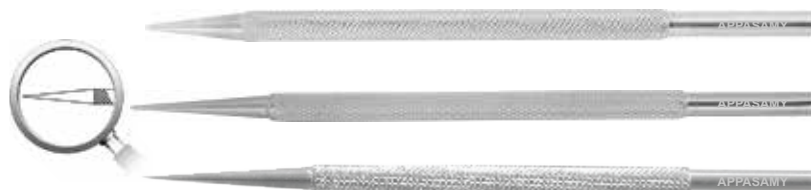
Lacrimal dilator graduated blunt tip 0.5 mm diameter

AA 6405



Wilder

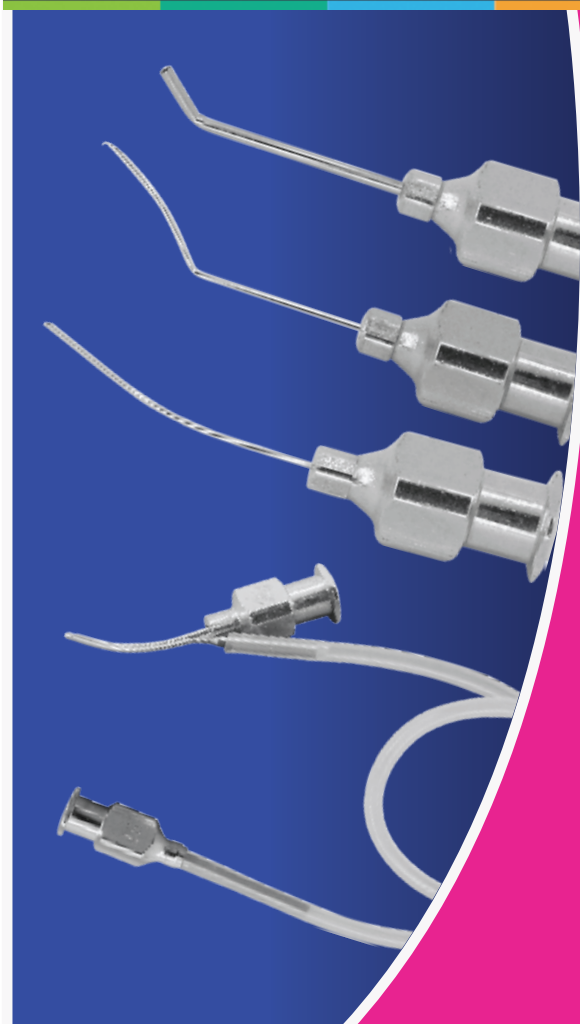
Lacrimal dilator size 1, fine taper **AA 6410 / AAT 6410**
size 2, medium taper **AA 6420 / AAT 6420**
size 3, heavy taper **AA 6430 / AAT 6430**



Castroviejo

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





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 

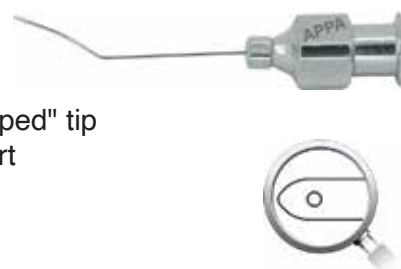
McIntyre

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



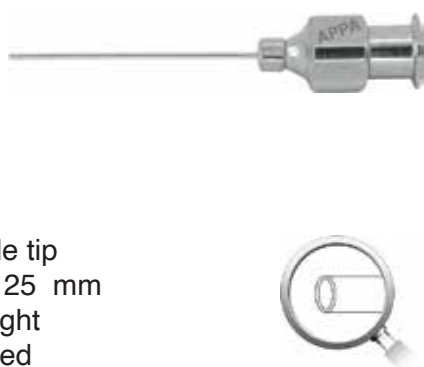
Rosenwasser

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



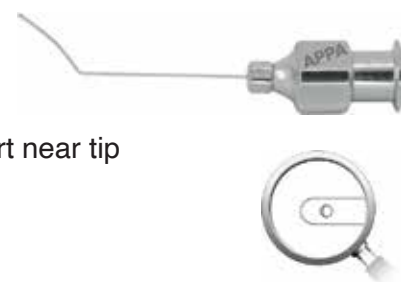
Lacrimal

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



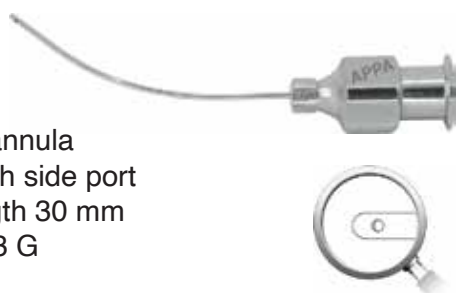
Rycroft

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



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



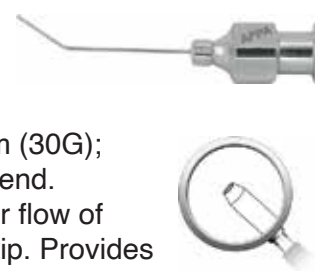
Shepard

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° 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



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



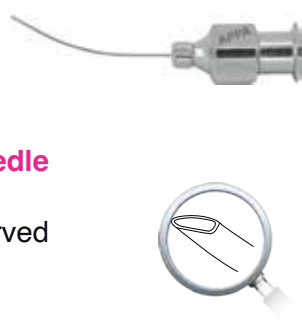
Sub tenon

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



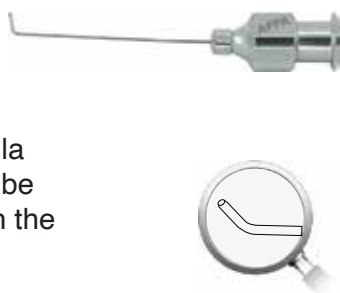
Sautter

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



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.

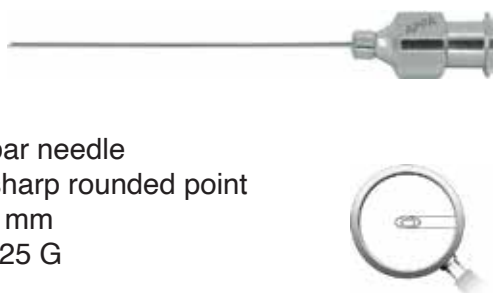
AA 7447 23 G



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

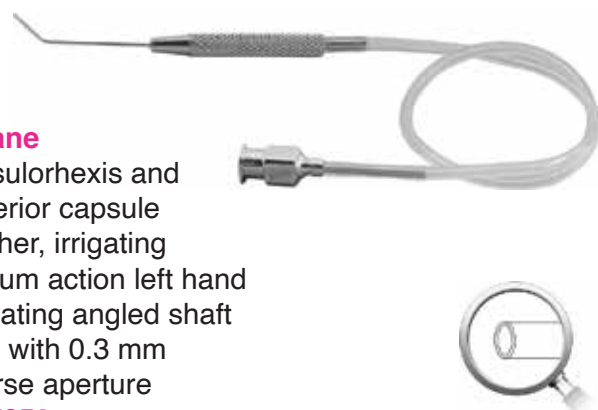
AA 7515 23 G



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

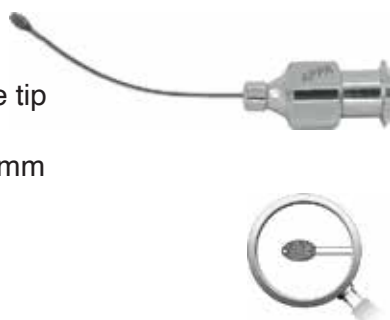
AA 7665 21 mm



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

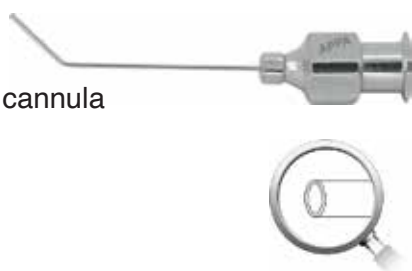
AA 7666



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

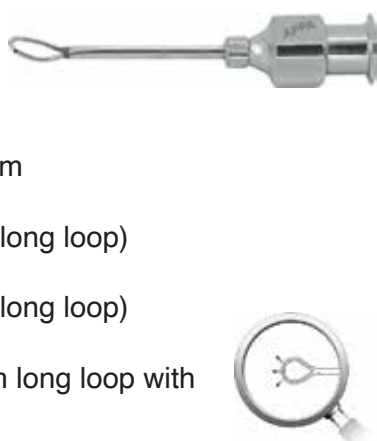
(4 mm wide, 7 mm long loop)

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

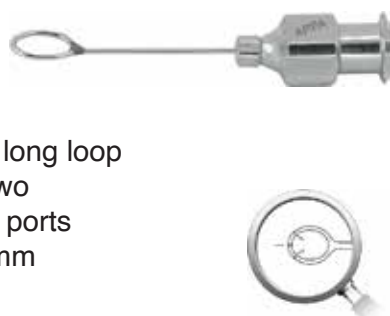
AA 7830



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

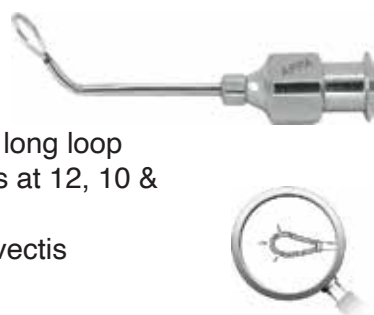


Sheets

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



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



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



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



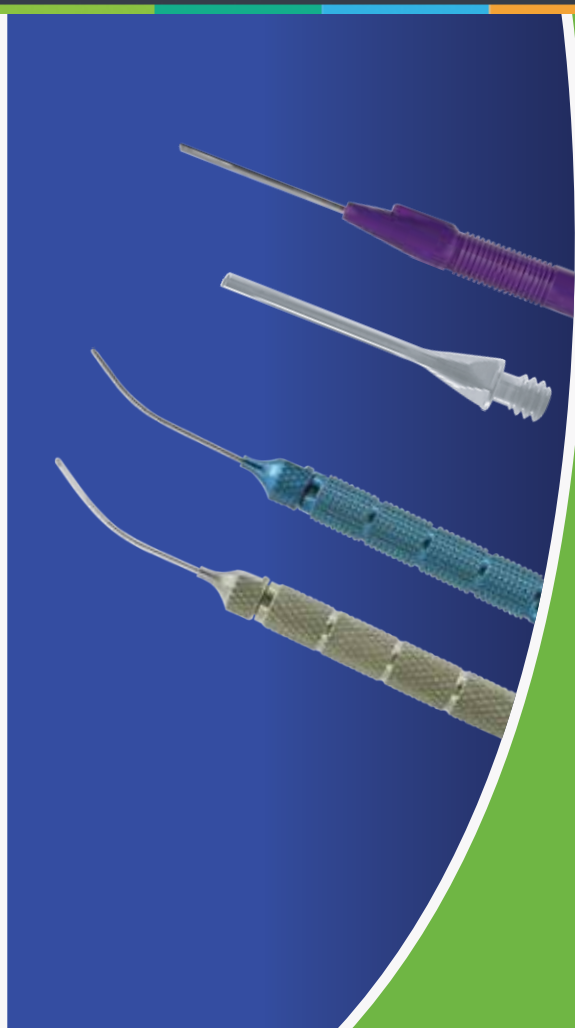
May

30° Bent Infusion Needle

AA 7985



AA - Stainless Steel, AAT - Titanium



Sterilization Boxes

Phaco Tips

Bimanual I/A Handpiece

Coaxial I/A Handpiece

Irrigating Choppers



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

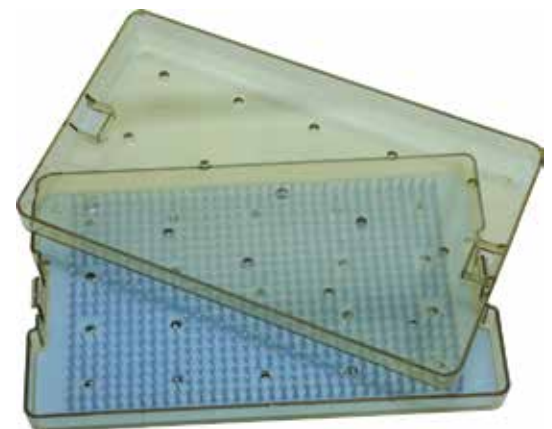
This large box is made of a special thermoplastic which is designed to withstand repeated autoclaving cycles.

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 8110
GALLI POT 3"



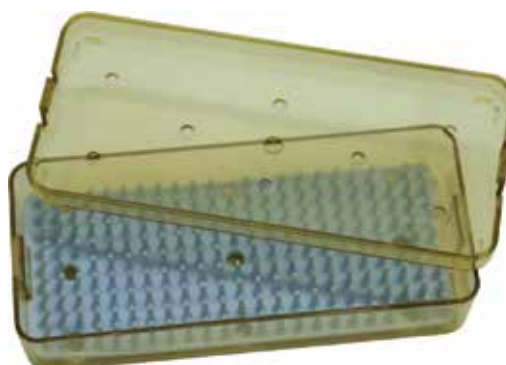
**Appasamy See-Through
Plastic Sterilization Box**
Medium box
size: 198 x 108 x 20 mm
AA 8201



**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



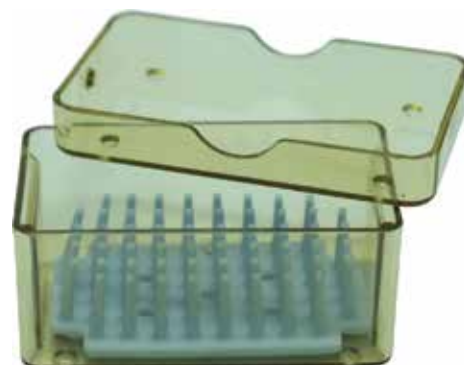
**Appasamy See-Through
Plastic Sterilization Box**
Extra small
size: 78 x 45 x 20 mm
AA 8206



Appasamy See-Through Plastic Sterilization Box

Extra small with height
size: 78 x 45 x 35 mm

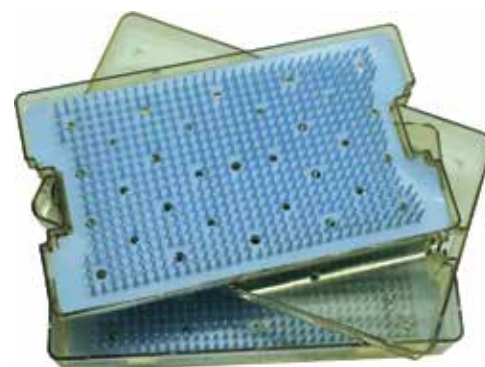
AA 8207



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

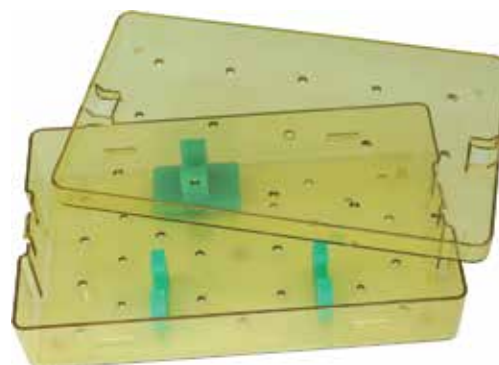
AA 8220



Appasamy See-Through Phaco Hand Piece Sterilization Box

Extra large
size: 245 x 147 x 45 mm

AA 8221



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	IRRIGATION 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

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

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-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



SUB SONIC KELMAN

- AAT 7484** -22G 0° OD-0.7mm 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



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



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

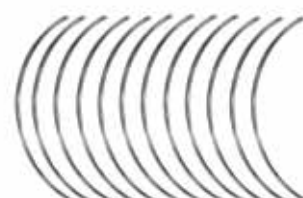
AA 9180



AA 9200 Spring Eye Cutting Needle

AA 9201 Reverse cutting Needle

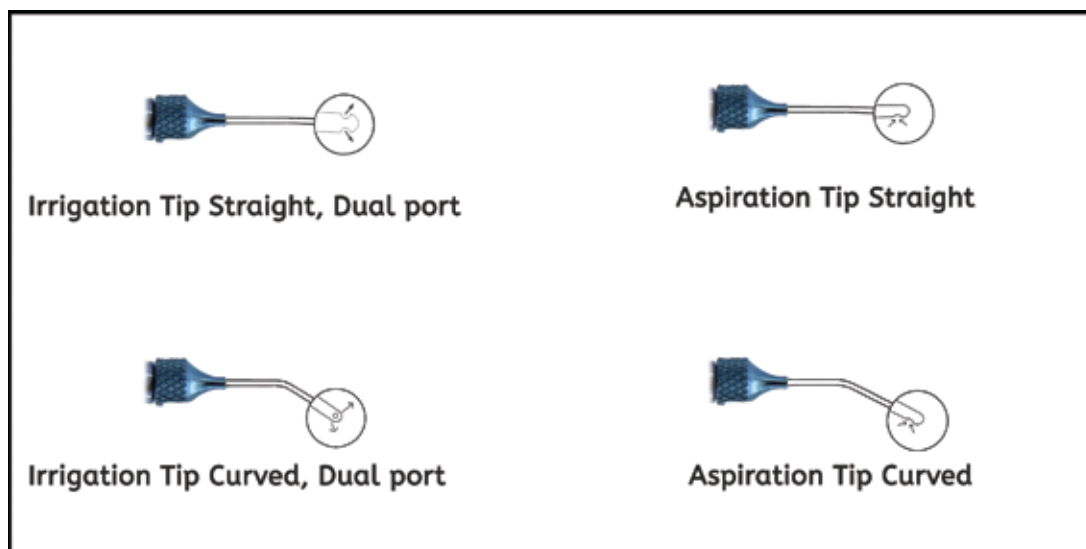
AA 9202 Trauma Needles Full Curved



AA 9205

4/0 Suturing Silk Barraquer Black 100 meters





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

- **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 Irrigating 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

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

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

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



AAT 7382A Straight silicone sleeve tip



AAT 7383A Curved tip



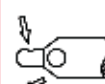
AAT 7384A 45° tip



AAT 7385A Curved tip



AAT 7386A 150° tip



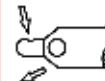
AAT 7394 Straight tip



AAT 7394A Curved tip



AAT 7395 45° tip



AAT 7394B Straight tip 22 G

LIGHT WEIGHT - BALANCED RAPID TIP INTERCHANGEABLE

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 cortical extraction.

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

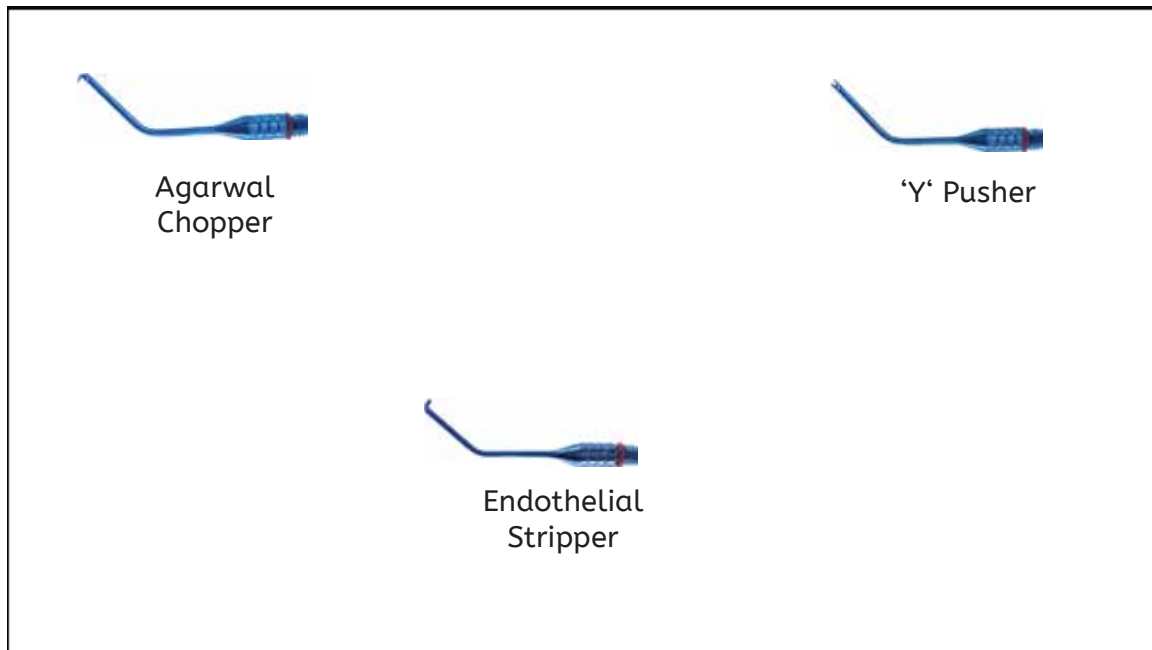
AAT 7394 Straight silicone sleeve tip 0.3 mm aspiration port. 19 G aspiration cannula.

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

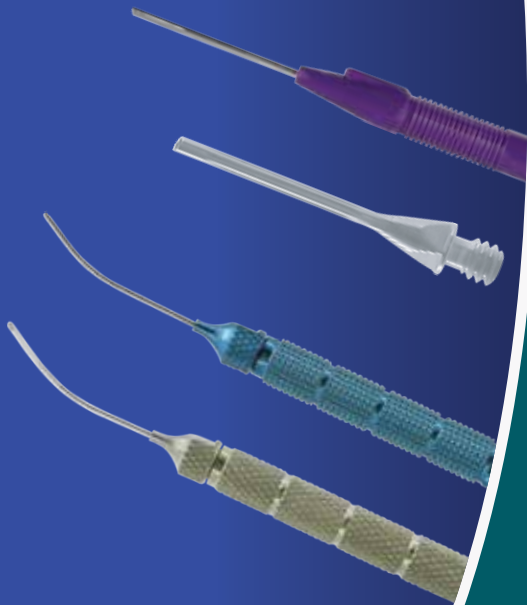


AAT 7390 Agarwal irrigating phaco chopper 20G Double port

AAT 7391 Agarwal irrigating Y Pusher 20G Double port

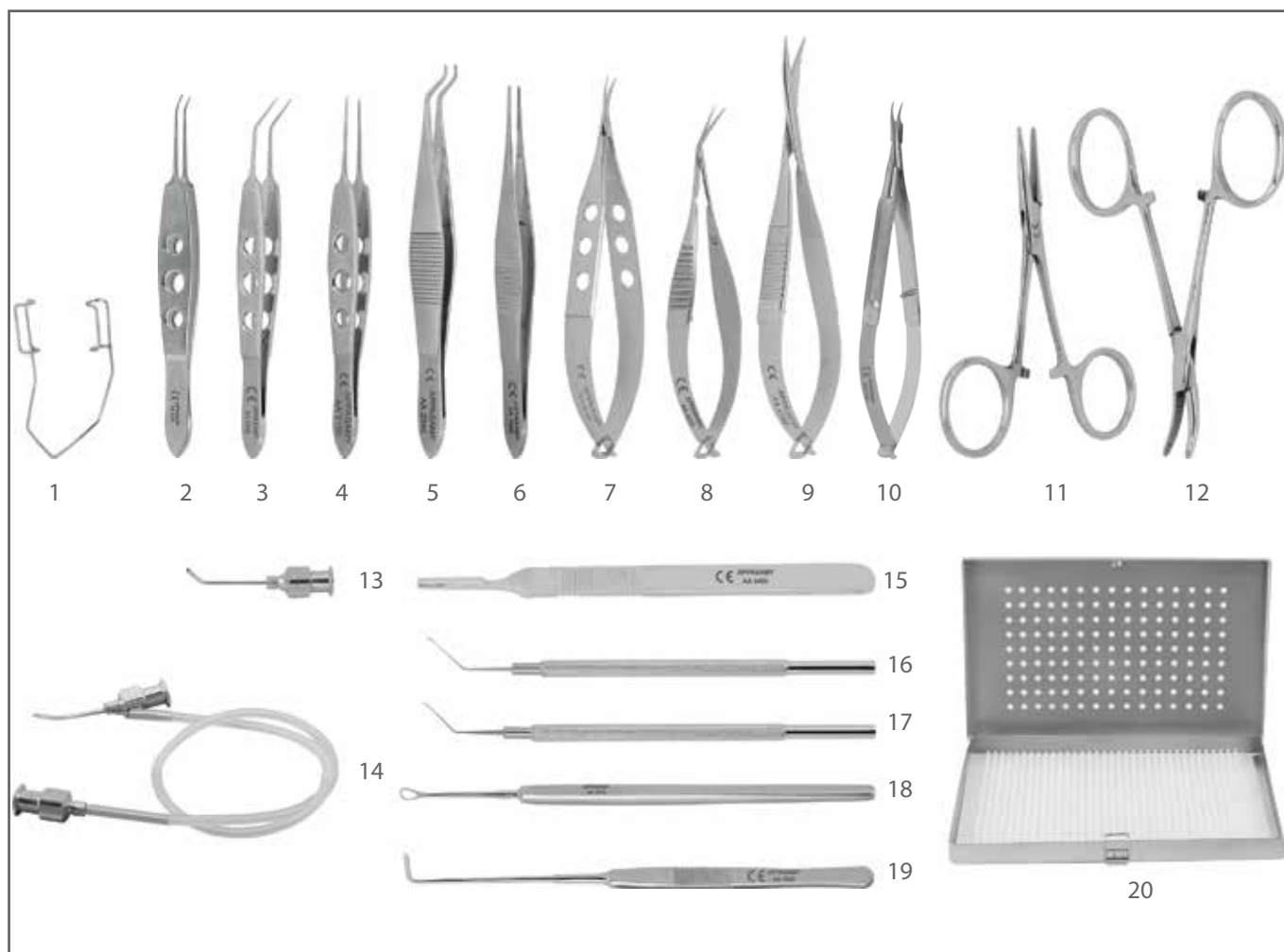
AAT 8325 Irrigating endothelial stripper 20 gauge tip set

Microsurgery Cataract & IOL Set.....	Microsurgery Enucleation Set.....
Microsurgery Cataract Set (Compact).....	Femtosecond Cataract Set.....
Microsurgery IOL Set (Compact).....	Endothelial Set (DSAEK Set).....
Extracapsular Cataract Extraction (ECCE) Set.....	Deep Anterior Lamellar Keratoplasty (DALK) Set.....
Microsurgery Small Incision Non-Phaco Set.....	DMEK Set.....
Microsurgery ECCE-Phaco Emulsification Set.....	Implantable Contact Lens Set (ICL).....
Intracapsular Cataract Extraction (ICCE) Set.....	LASIK Retreatment Set.....
Microsurgery Glaucoma Set.....	Limbal Relaxation Incision (LRI) Set.....
Microsurgery Corneal Transplant Set.....	Phakic Lens Set.....
Microsurgery LASIK Set.....	Femtosecond LASIK Set.....
Microsurgery Lid Set.....	Intra Corneal Stromal Ring (ICSR) Set.....
Microsurgery Chalazion Set.....	Toric IOL Set.....
Microsurgery Muscle Set.....	Minor Surgery Set.....
Microsurgery Pterygium Set.....	Phaco 1.8mm - Bimanual (MICS) Set.....
Microsurgery Lacrimal (DCR) Set.....	Phaco 2.2mm-Comics Prechop Set.....
Vitreo-Retinal Posterior Segment Set.....	Phaco 2.8mm-Cataract Clear Corneal Set.....
Microsurgery Retina Set.....	Manual Phaco Fracture Cataract Extraction (MSICS) Set.....
Foreign Body Removal Set.....	

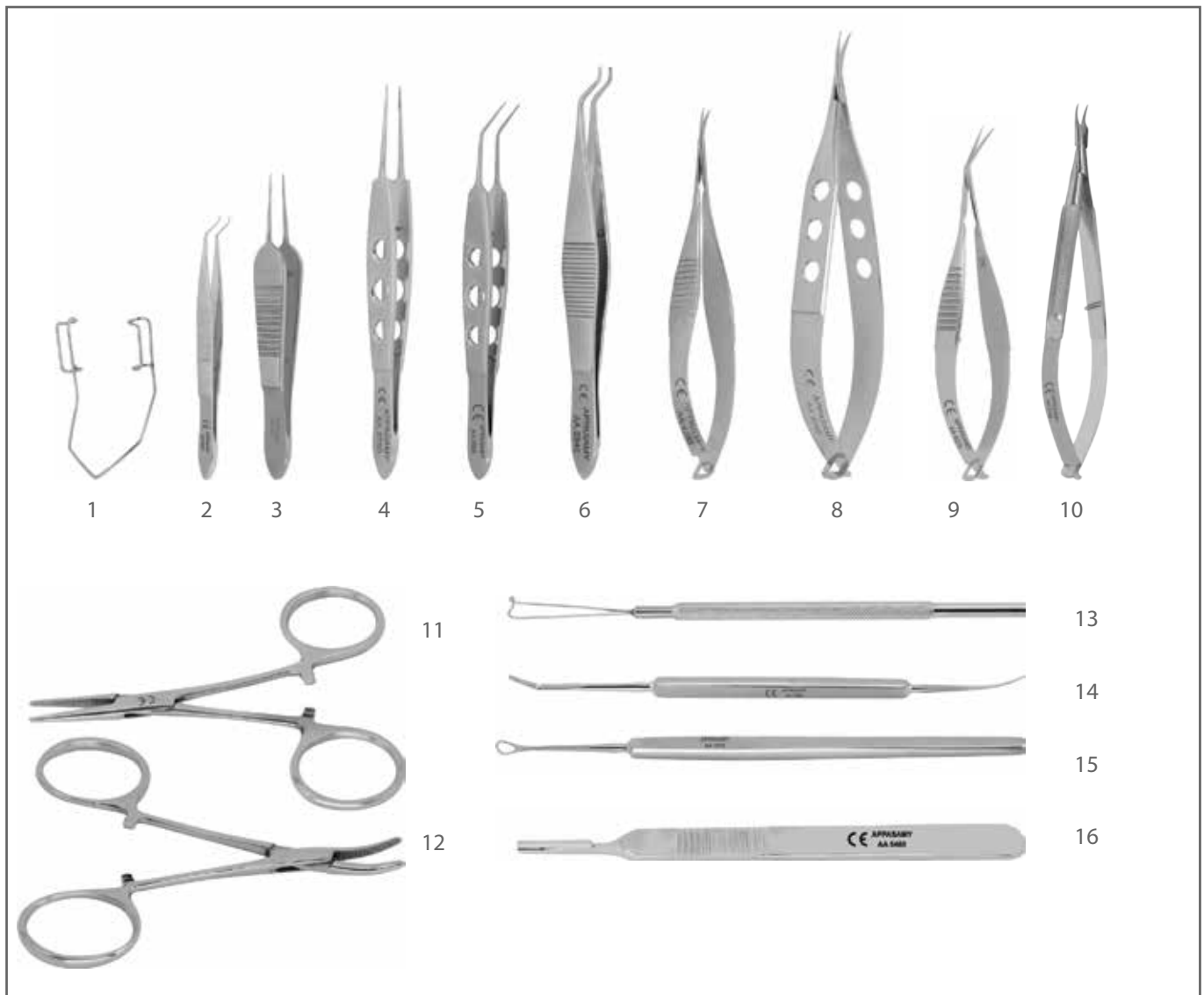


Stainless Steel Surgery Sets

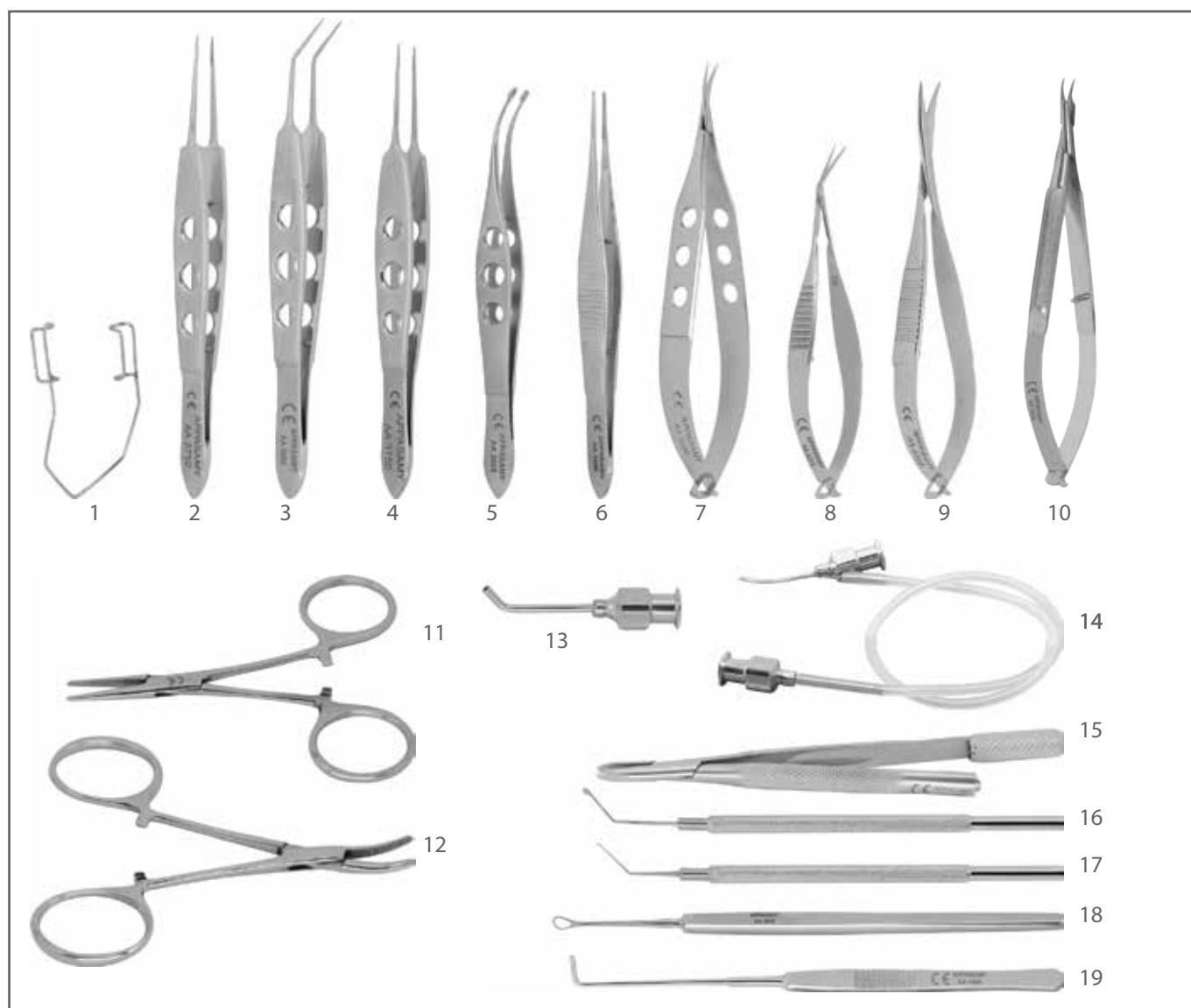




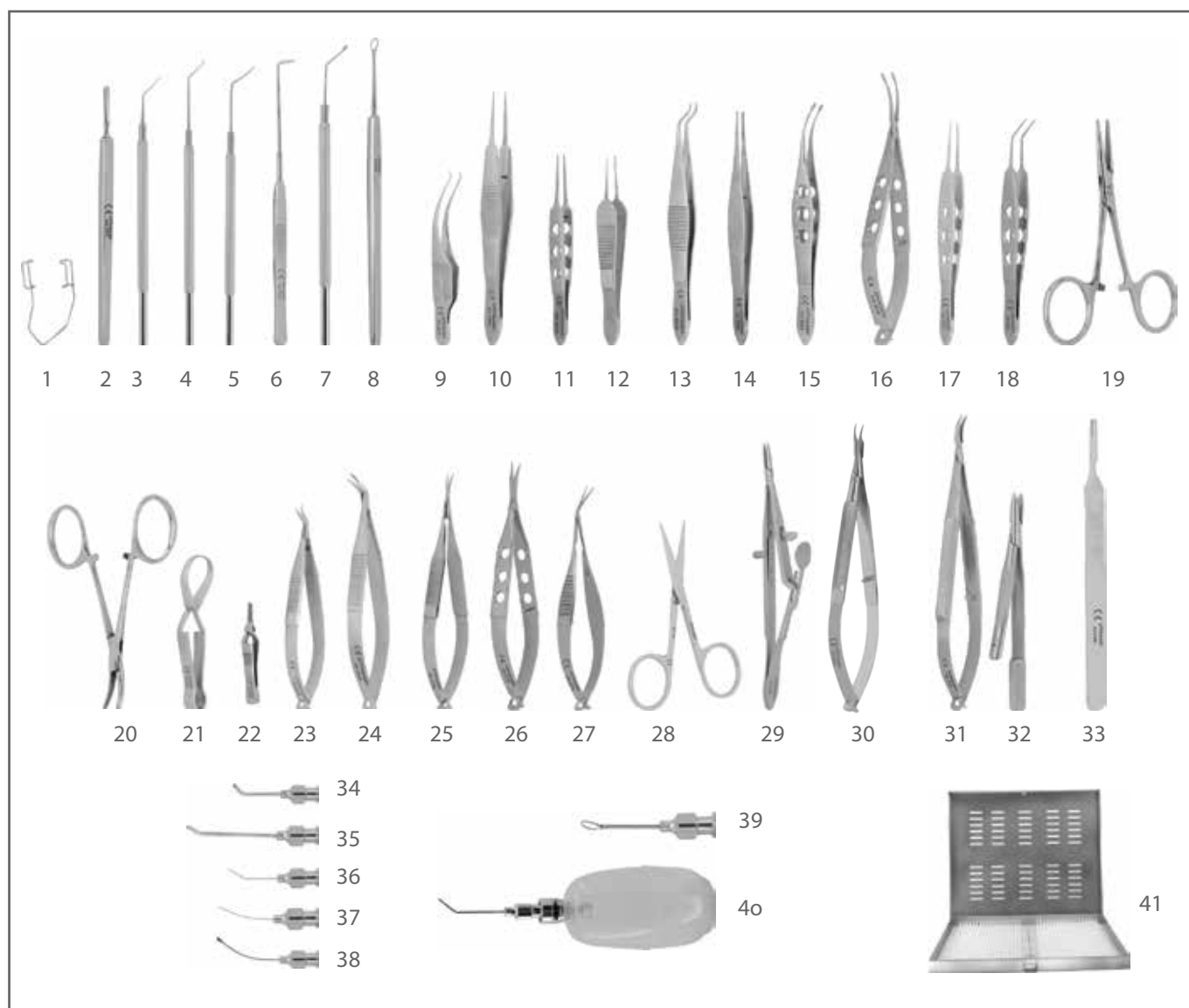
1. **AA 1009** Barraquer wire speculum, large
2. **AA 3755** Jaffe tying forceps smooth jaws with 5mm long platform curved
3. **AA 3805** McPherson IOL forceps, 11mm angled
4. **AA 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
5. **AA 3340** Dastoor superior rectus forceps, 1 x 2 teeth
6. **AA 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



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

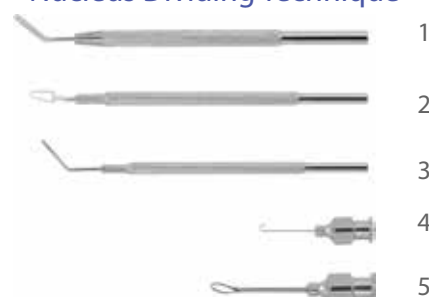
Mini-Nucleus Technique (Blumenthal)



Snare Nucleus Dividing Technique



Kansas / McIntyre Nucleus Dividing Technique



Mini-nucleus technique (Blumenthal)

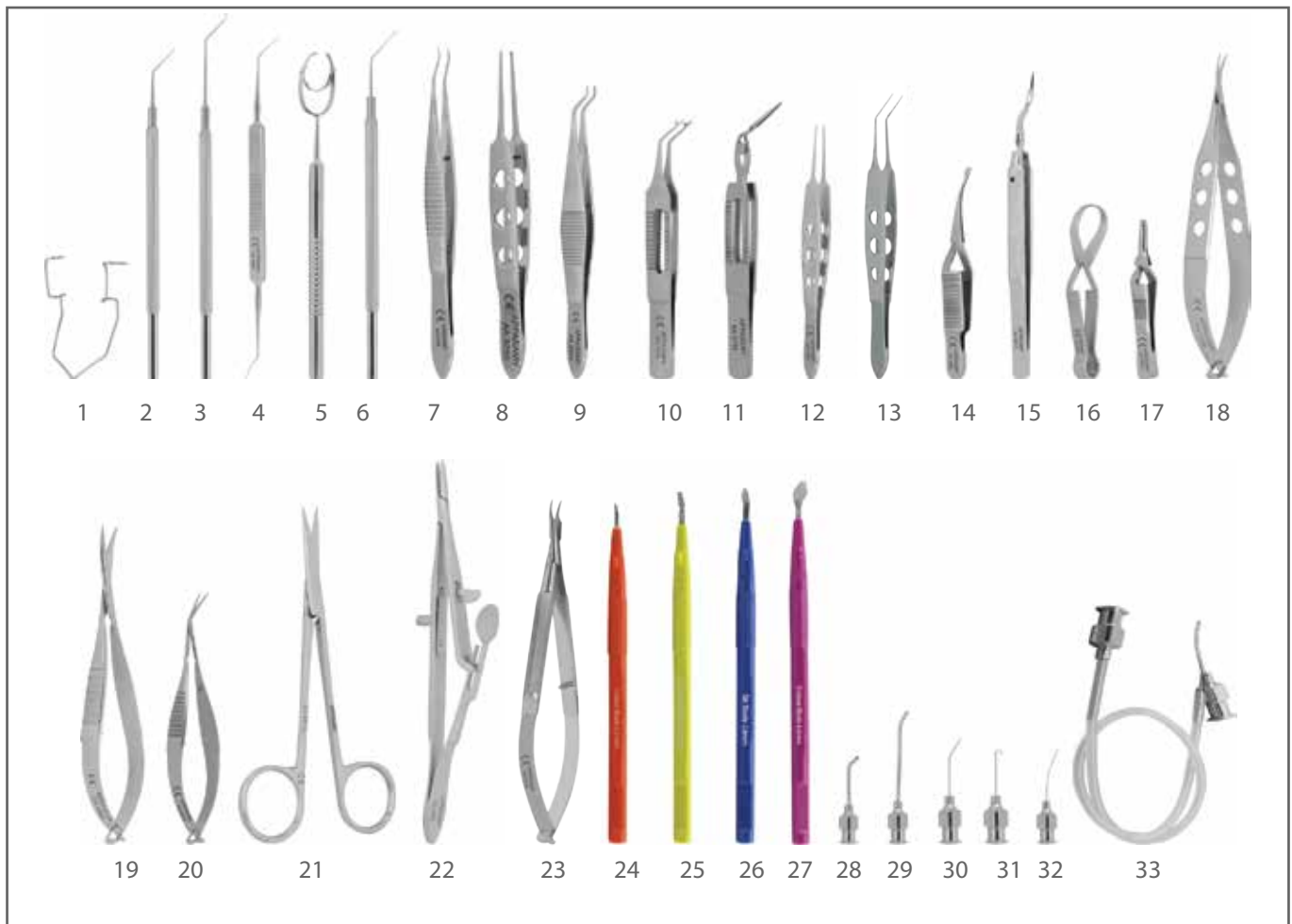
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1817** Shepard fixation ring
3. **AA 1993** Agarwal phaco chopper 1mm fully cutting edge
4. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
5. **AA 3180** Castroviejo suturing forceps 0.12mm, 1 x 2 teeth
6. **AA 5420** Swiss model blade breaker and 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

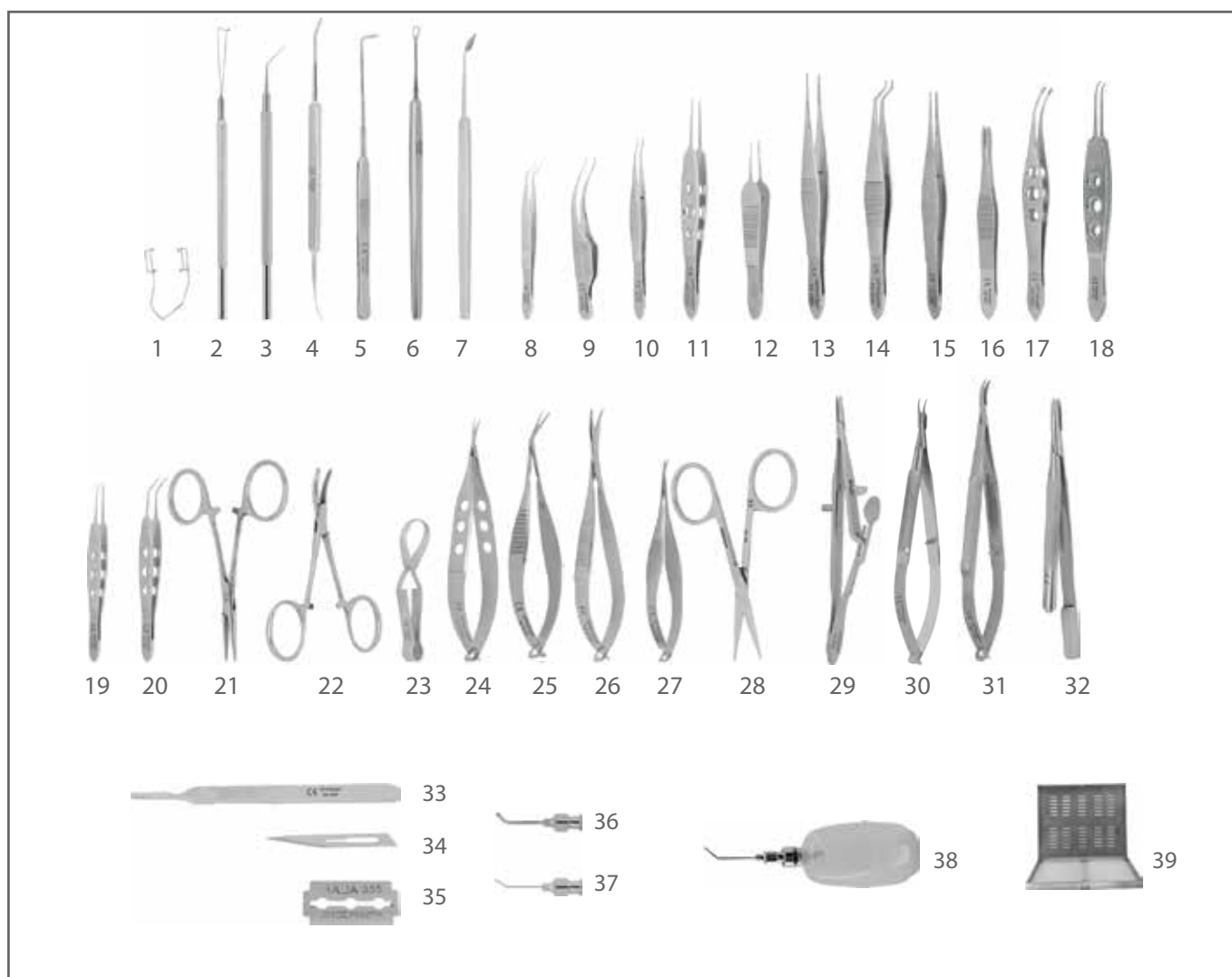
1. **AA 1965** Kansas nucleus bisector
2. **AA 1970** Kansas nucleus trisector right
3. **AA 1975** Kansas nucleus vectis solid right
4. **AA 7215** Gimbel 'U' shaped hydrodissector, 25 G
5. **AA 7705** Knolle-Pearce irrigating vectis [4mm wide, 7mm long loop]



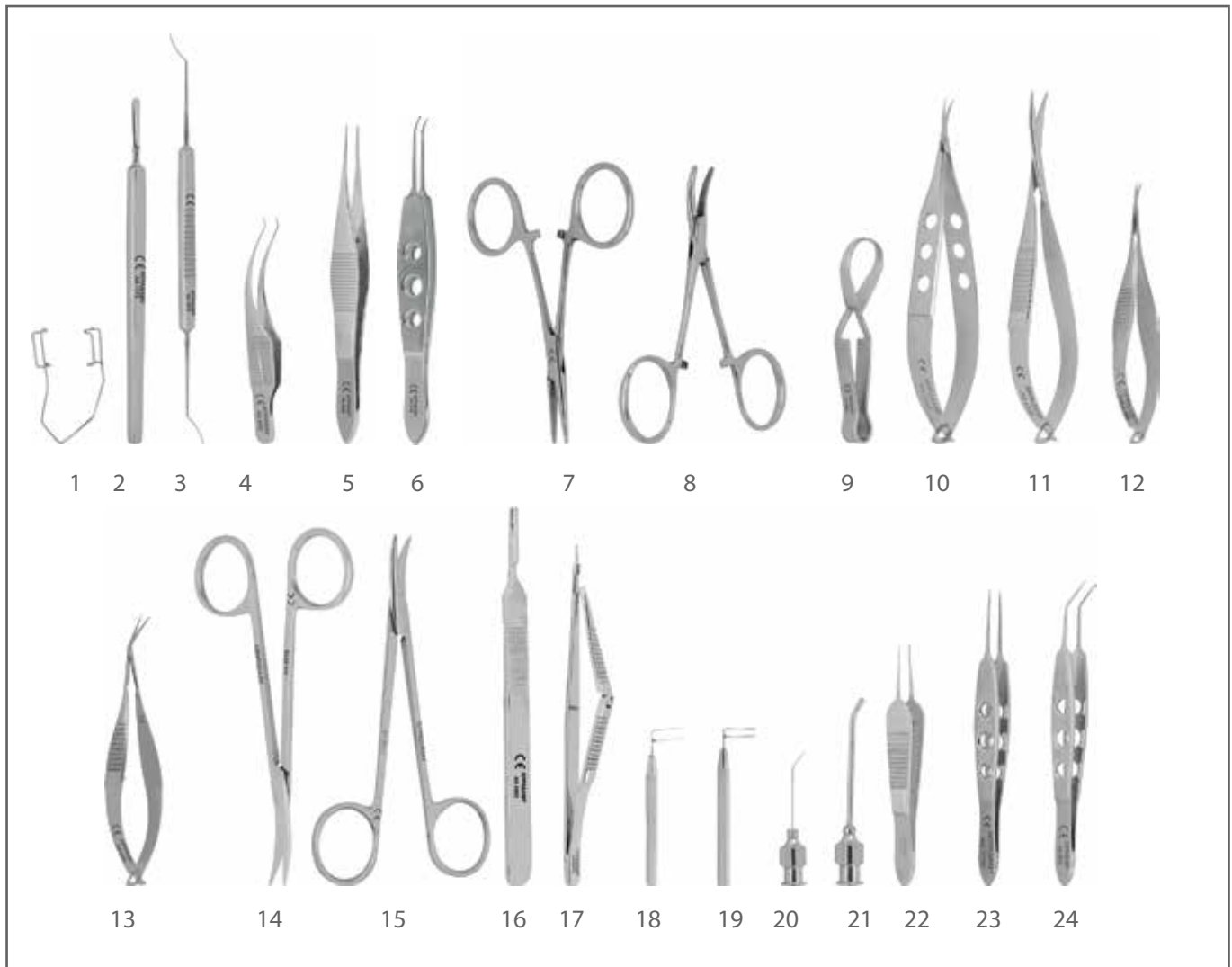
01. **AA 1025** Kratz -Barraquer wire speculum,big
02. **AA 1465** Sinskey II lens manipulating hook angled
03. **AA 1597** Akahoshi nucleus ball sustainer
04. **AA 1682** Castroviejo cyclodialysis spatula, 0.50mm wide
05. **AA 1817** Shepard fixation ring
06. **AA 1993** Agarwal phaco chopper 1mm fully 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°.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

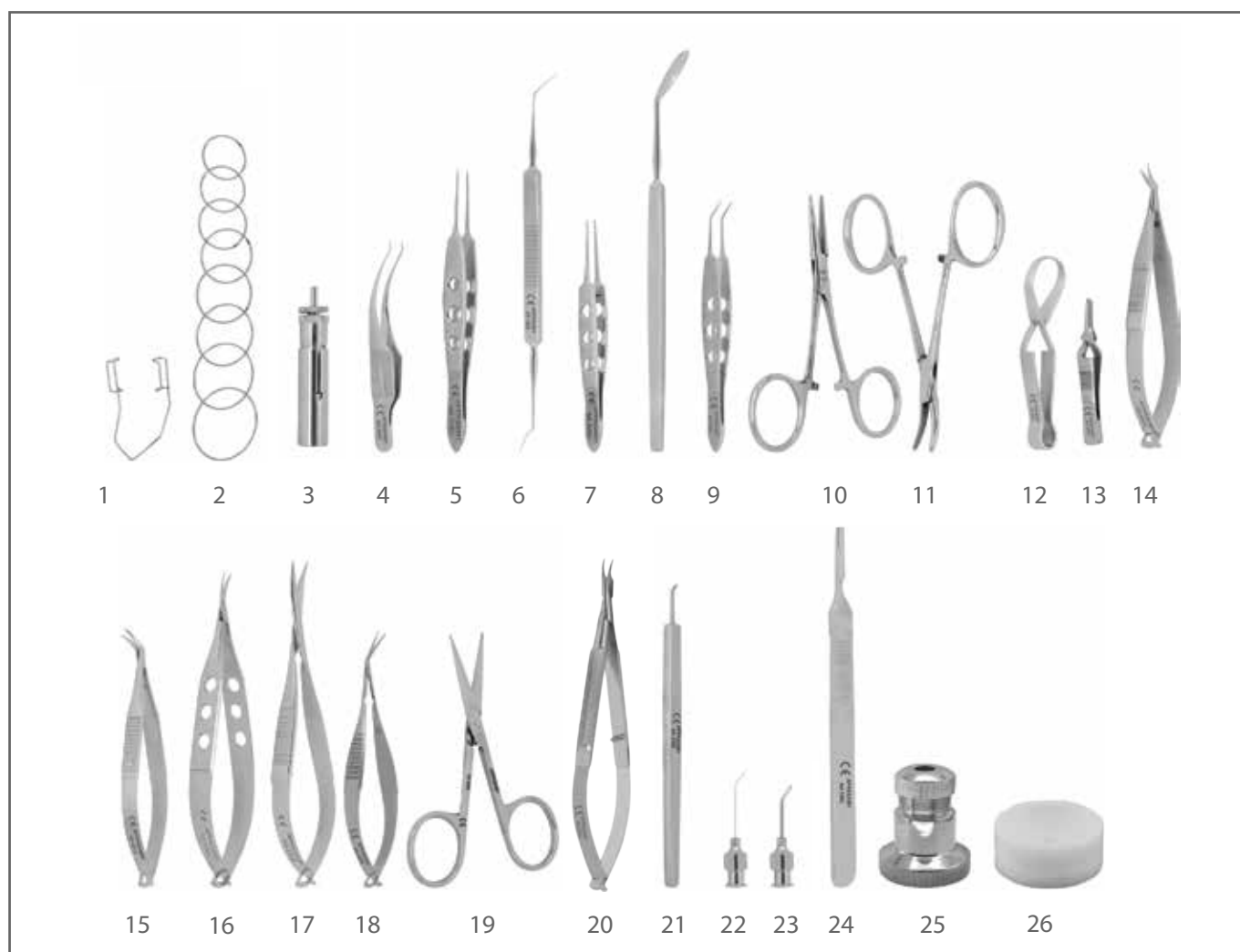
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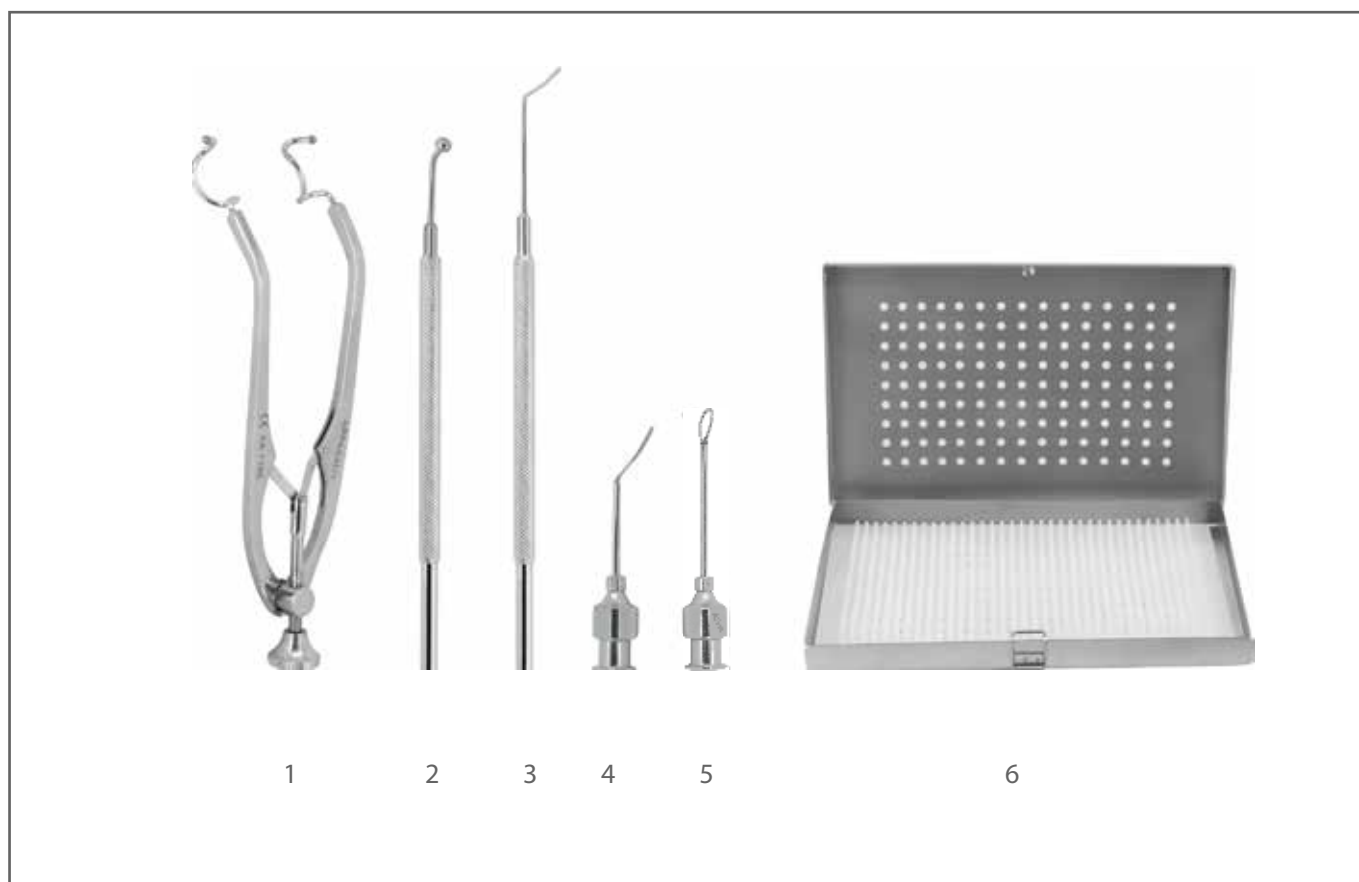
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1250** Dastoor Iris retractor straight
3. **AA 1465** Sinskey II lens manipulating hook angled
4. **AA 1685** Koman nair Iris spatula double
5. **AA 1860** Smith lens expressor
6. **AA 1915** Lewis lens loop, small
7. **AA 1963** Cautery cone type 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 chamber cannula 19 G
38. **AA 7830** Silicone bulb with adaptor
39. **AA 8020** Appasamy sterilization box with two silicone mats



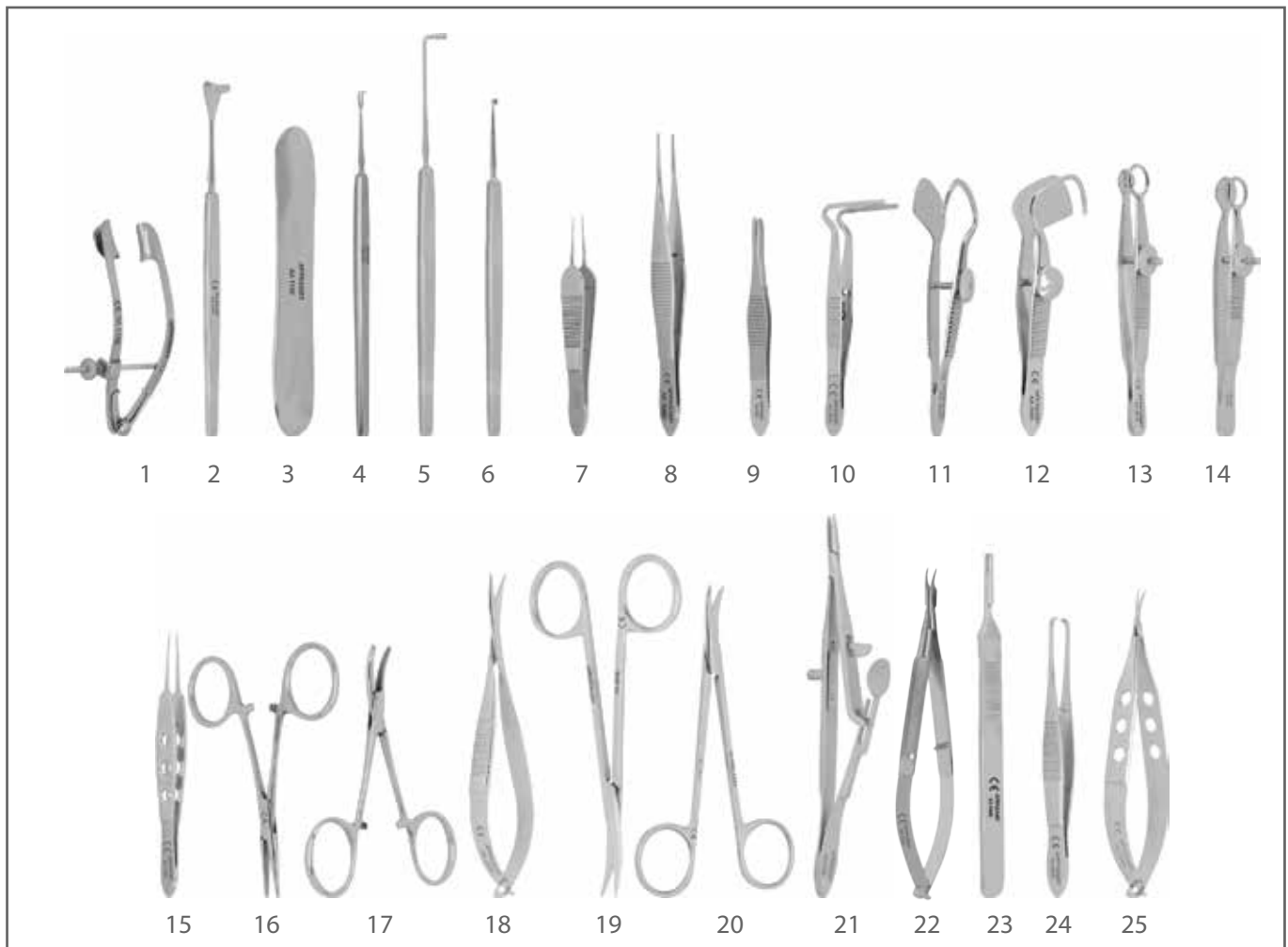
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1370** Tooke corneal knife
3. **AA 1670** Castroviejo synechiae spatula, double ended
4. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
5. **AA 3450** Eye dressing forceps straight
6. **AA 3755** Jaffe tying forceps smooth jaws with 5mm long platform 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



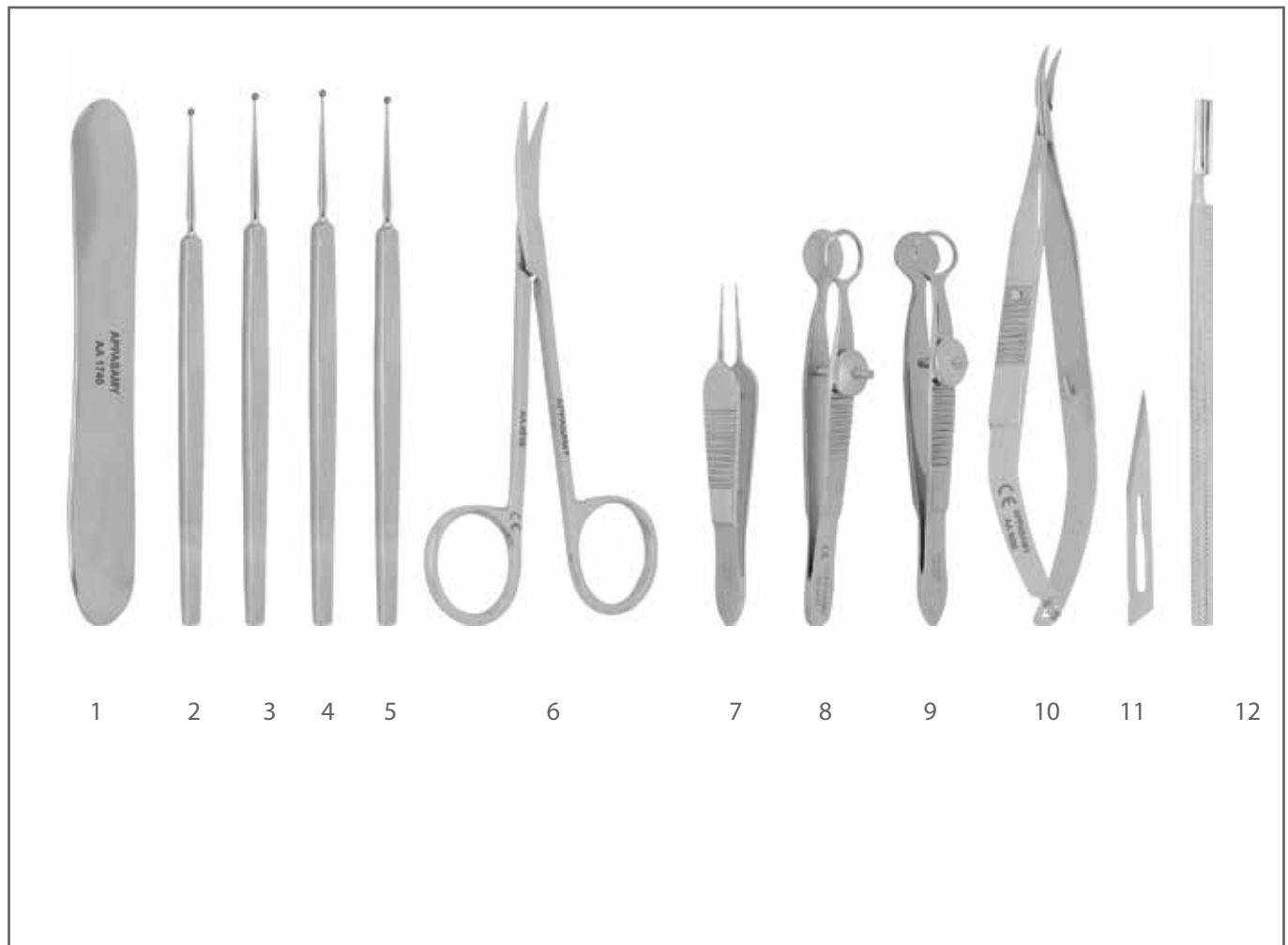
01. **AA 1009** Barraquer wire speculum, large
02. **AA 1280** Flieringa scleral fixation ring (set of 8 sizes)
03. **AA 2015** Castroviejo corneal trephine size 7.5mm Dia
04. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
05. **AA 3150** McPherson corneal forceps, 0.4mm, 1 x 2 teeth
06. **AA 1682** 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** Paufigue 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



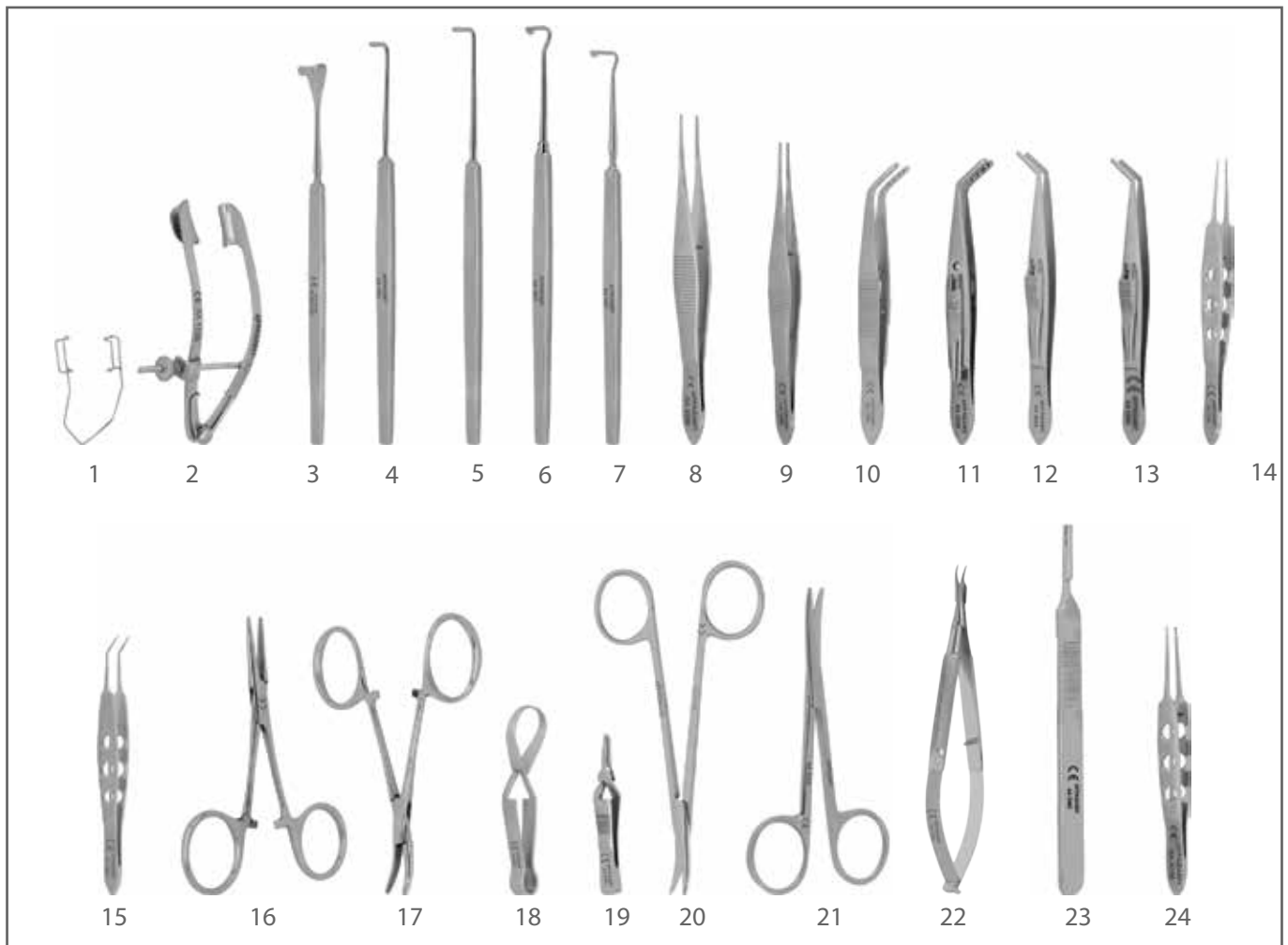
- 01. **AA 1195** Castroviejo LASIK speculum
- 02. **AA 1308** LASIK depressor
- 03. **AA 1683** Slade LASIK retreatment spatula
- 04. **AA 7855** Vidaurri LASIK flap irrigator
- 05. **AA 7891** Rubenstein LASIK irrigating cannula
- 06. **AA 8005** Sterilization box with silicone mat



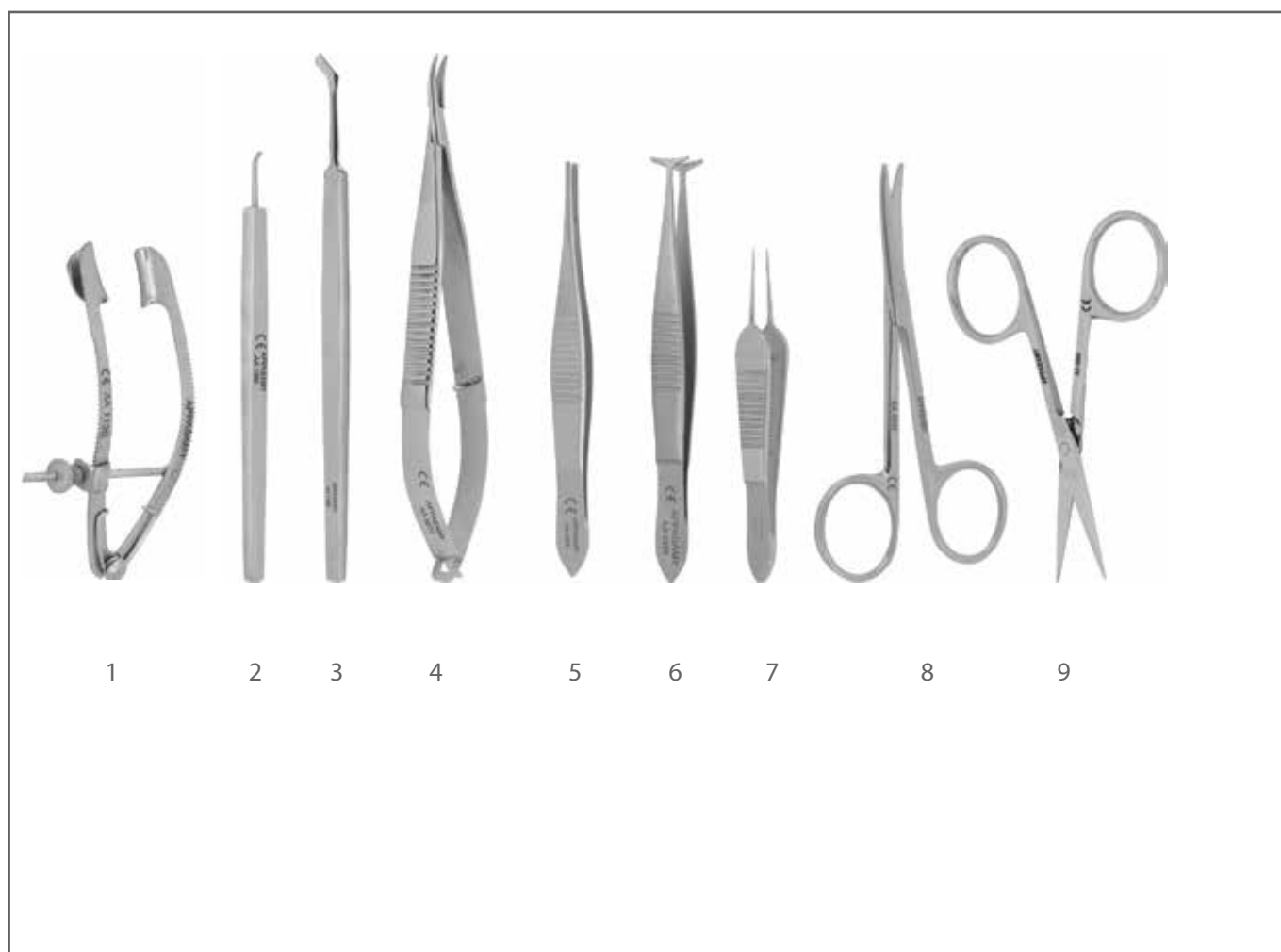
01. **AA 1120** Lancaster eye speculum
02. **AA 1260** Desmarres lid retractor size 0
03. **AA 1740** Jaeger lid plate
04. **AA 1810** Fixation hook double sharp 2.0 x 1.5mm small
05. **AA 1827** Graefe muscle hook size 3
06. **AA 1877** Meyerhoefer chalazion curette size 2
07. **AA 3275** St.Martin 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



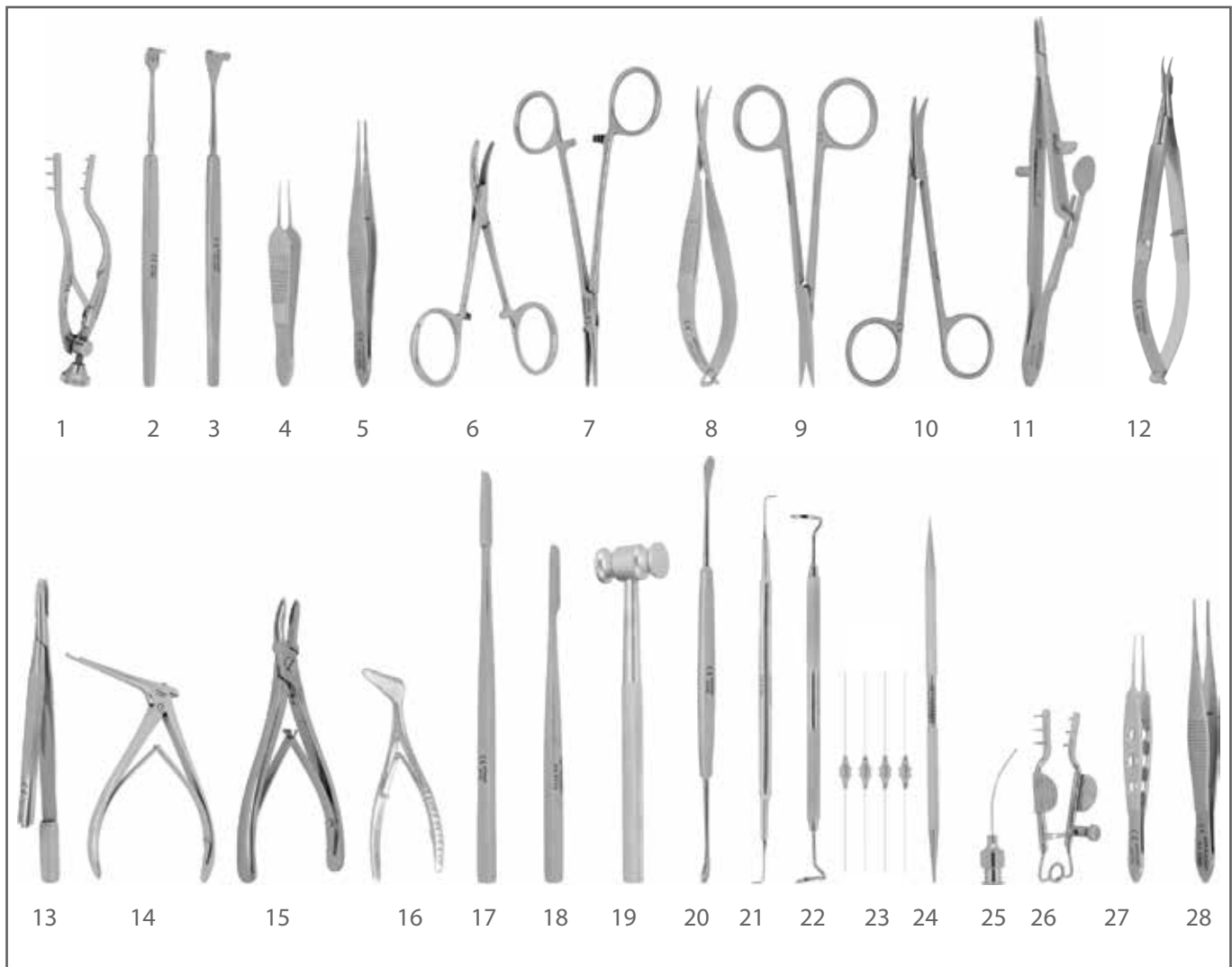
- 01. **AA 1740** Jaeger lid plate
- 02. **AA 1875** Meyerhoefer chalazion curette size 0, 1.50mm Dia
- 03. **AA 1876** Meyerhoefer chalazion curette size 1, 1.75mm Dia
- 04. **AA 1877** Meyerhoefer chalazion curette size 2, 2.25mm Dia
- 05. **AA 1878** Meyerhoefer chalazion curette size 3, 3.0mm Dia
- 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



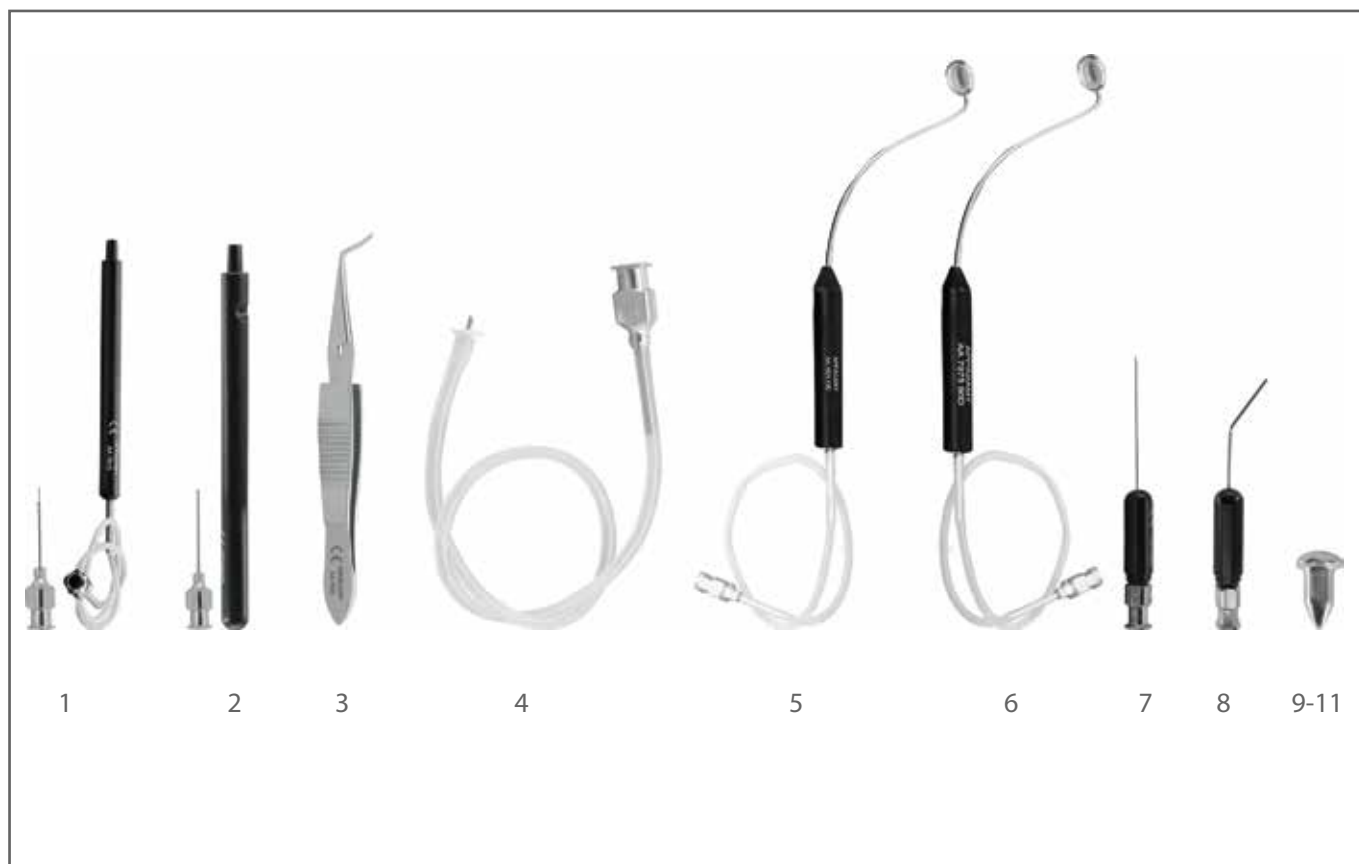
- 01. **AA 1120** Lancaster eye speculum
- 02. **AA 1360** Paufigue graft knife
- 03. **AA 1390** Paton corneal dissector
- 04. **AA 5075** Castroviejo N.Holder deli. Jaws curved without lock
- 05. **AA 3465** Bonaccolto utility forceps 1.2mm wide
- 06. **AA 3325** Green fixation forceps 10mm wide jaws
- 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



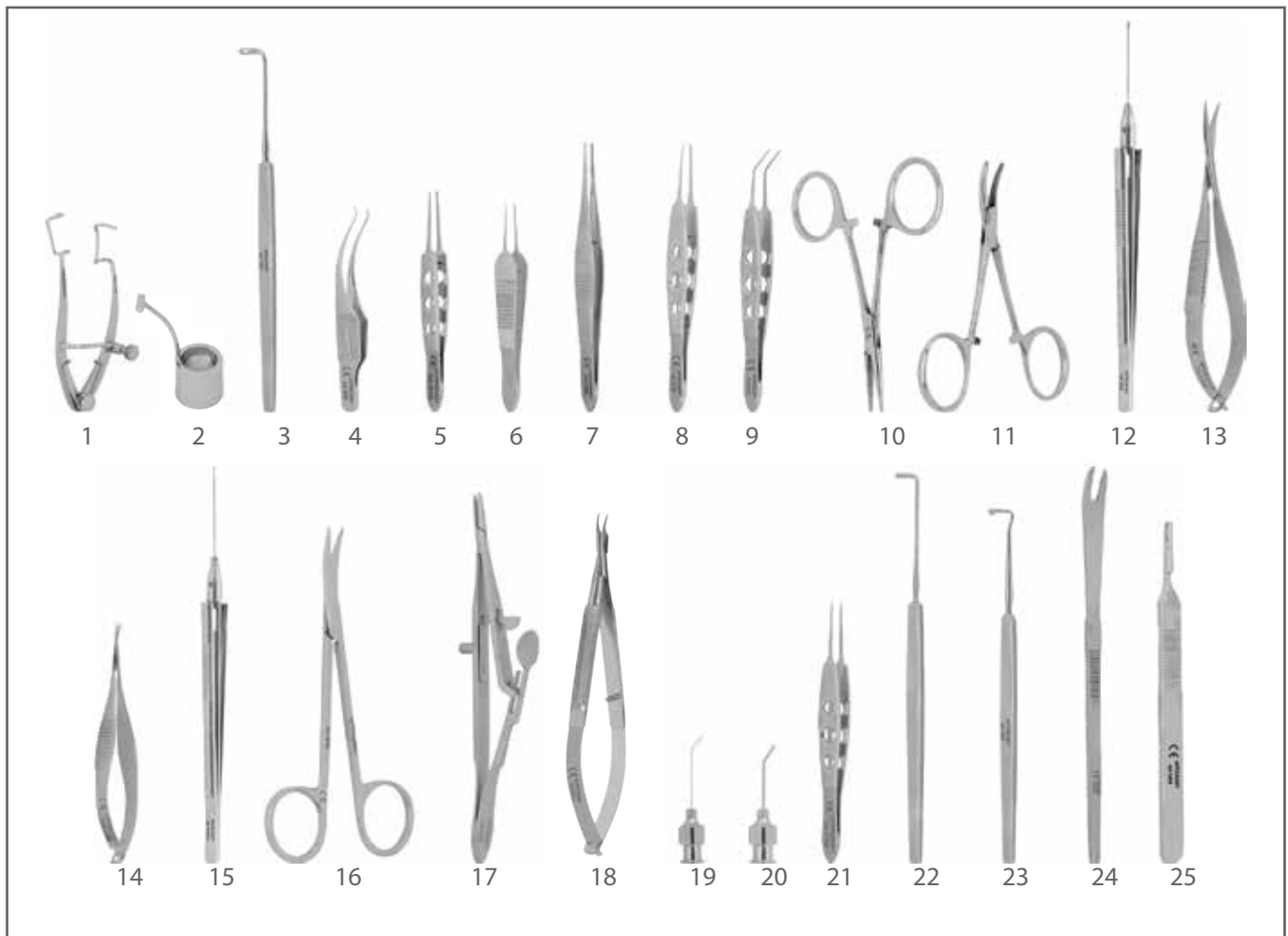
01. **AA 1200** Stevenson lacrimal sac retractor, 3x3 blunt prongs
02. **AA 1220** Knapp lacrimal sac retractor blunt
03. **AA 1260** Desmarres lid retractor size 0
04. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
05. **AA 3460** Wills hospital utility forceps
06. **AA 3925** Hartman mosquito 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

AA - Stainless Steel, AAT - Titanium

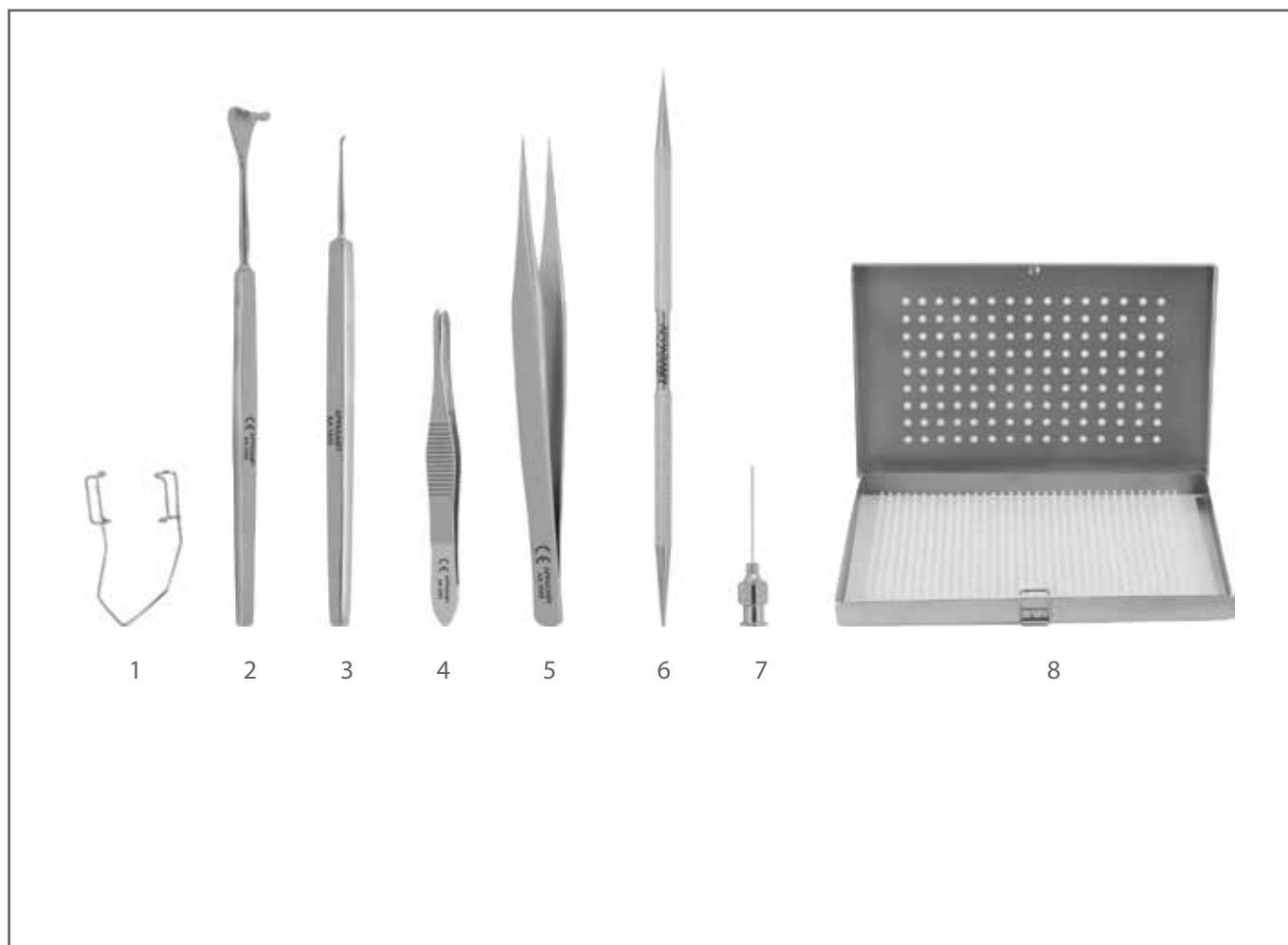
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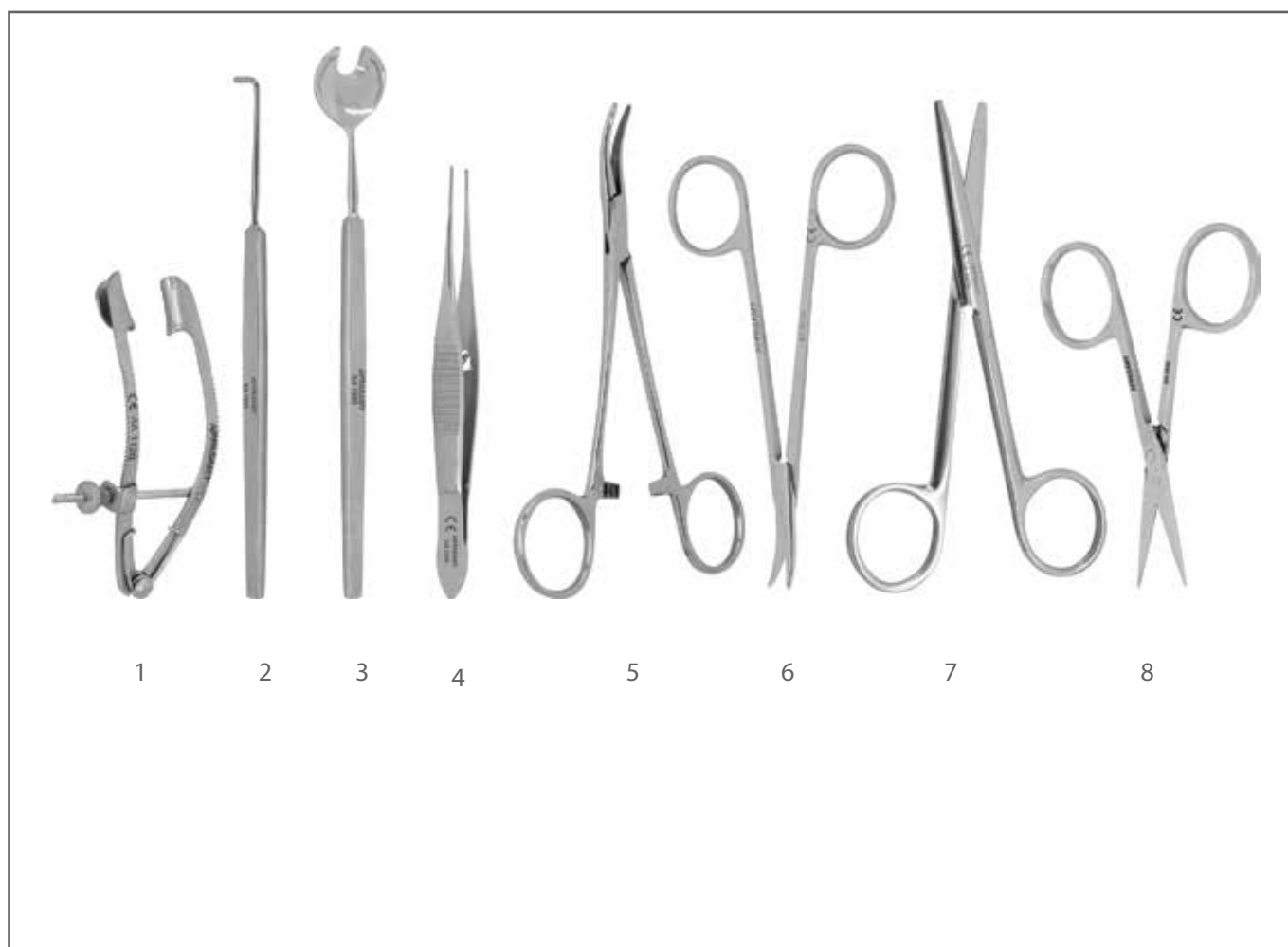
- 01. **AA 7915** Tapered extrusion handpiece cannula
- 02. **AA 7920** Charles flute needle cannula
- 03. **AA 7925** Scleral plug holding forceps
- 04. **AA 7960** Infusion cannula 2.5 mm, Beveled tip
- 05. **AA 7970** 45 Diopter irrigating contact lens
- 06. **AA 7975** 90 Diopter irrigating contact 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



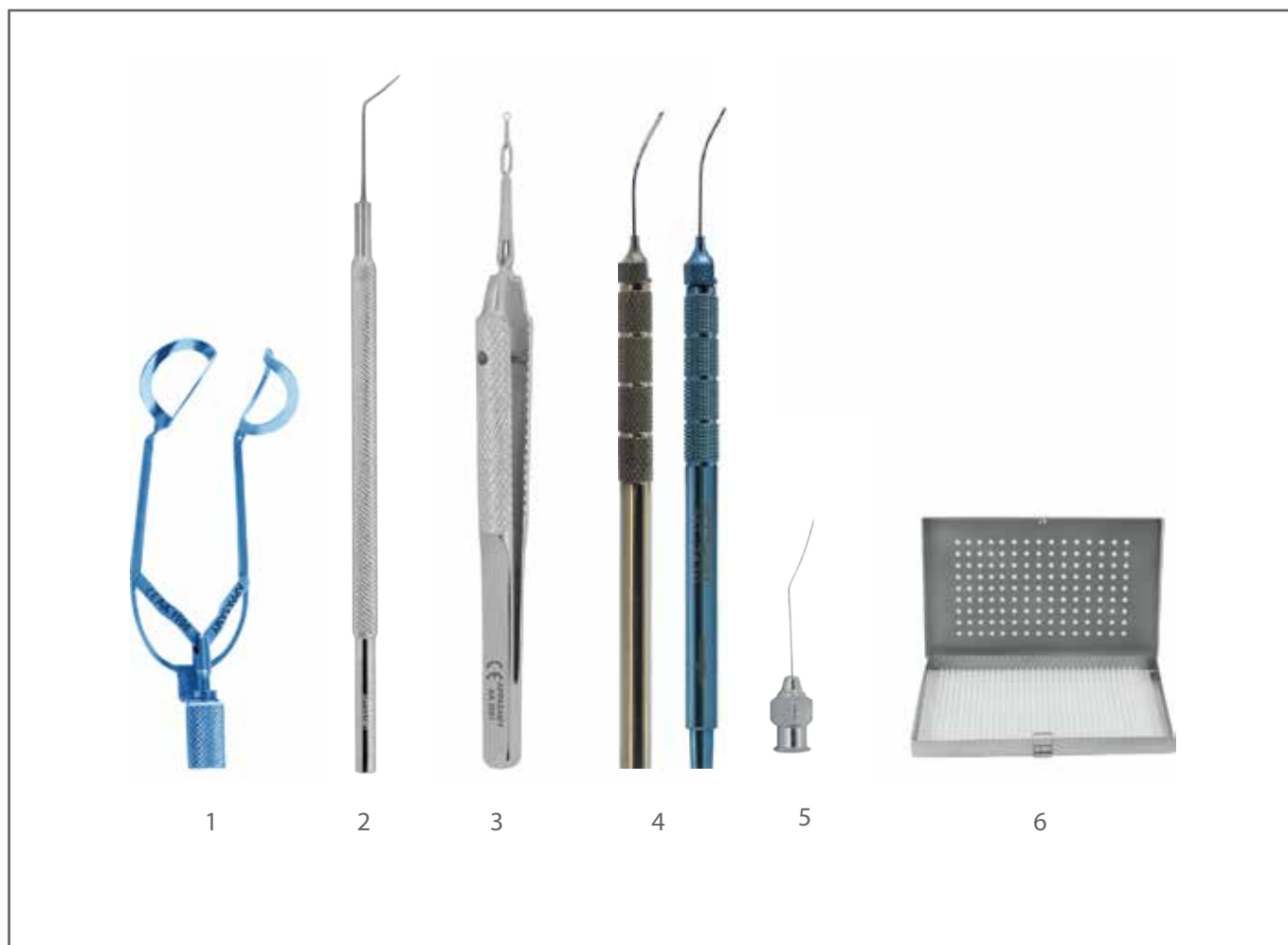
01. **AA 1090** Clark eye speculum small
02. **AA 1305** Schepens Scleral depressor with thimble Medium #10
03. **AA 1830** Gass Retinal detachment hook
04. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
05. **AA 3255** Bishop-Harmon tissue forceps delicate 0.8mm
06. **AA 3275** St.Martin suturing forceps, 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 chamber 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



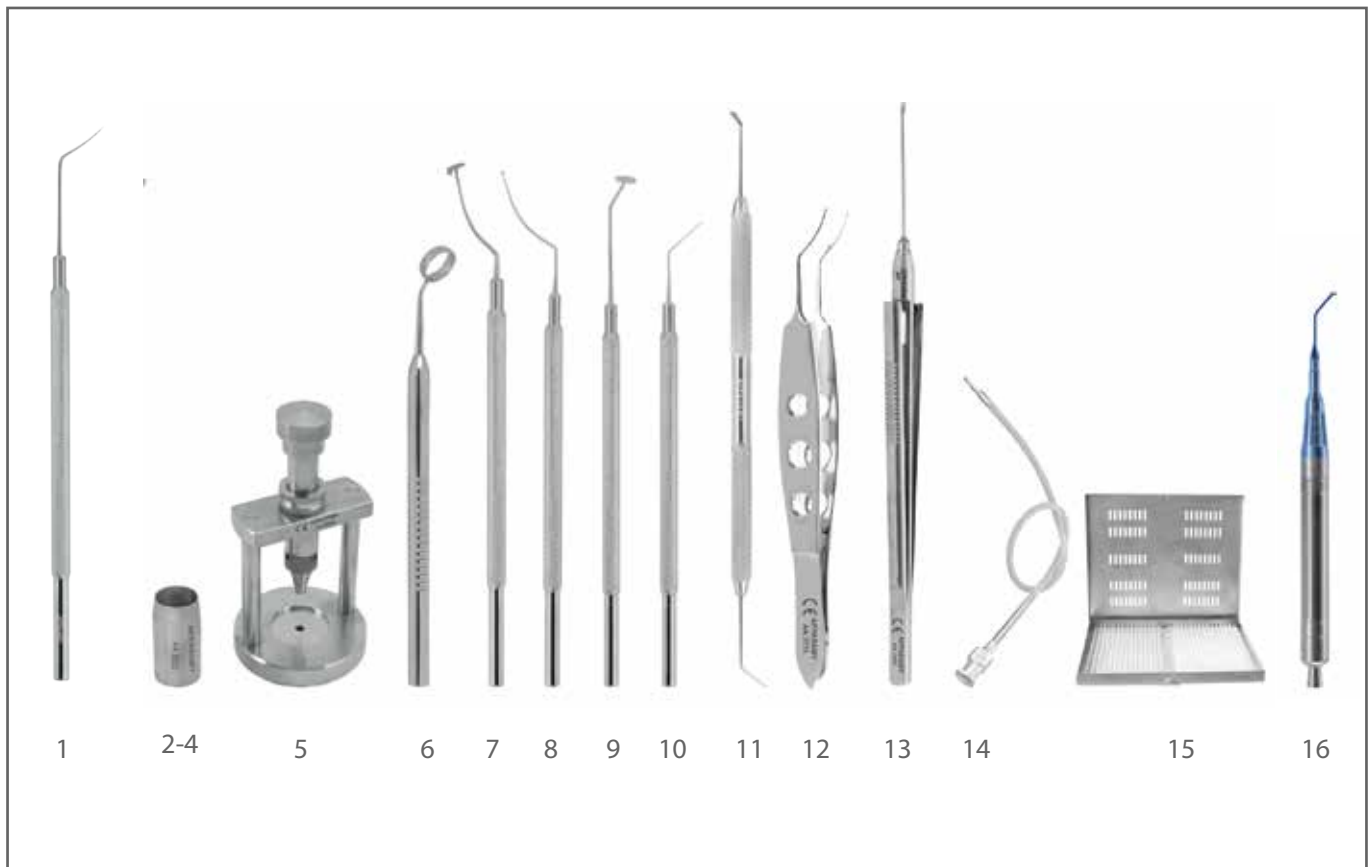
- 01. **AA 1009** Barraquer wire speculum, large
- 02. **AA 1262** Desmarres lid retractor size 2
- 03. **AA 1410** Golf club foreign body spud
- 04. **AA 3485** Beer cilia forceps
- 05. **AA 3885** Jewelers forceps standard
- 06. **AA 6440** Castroviejo lacrimal dilator (double end)
- 07. **AA 7010**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



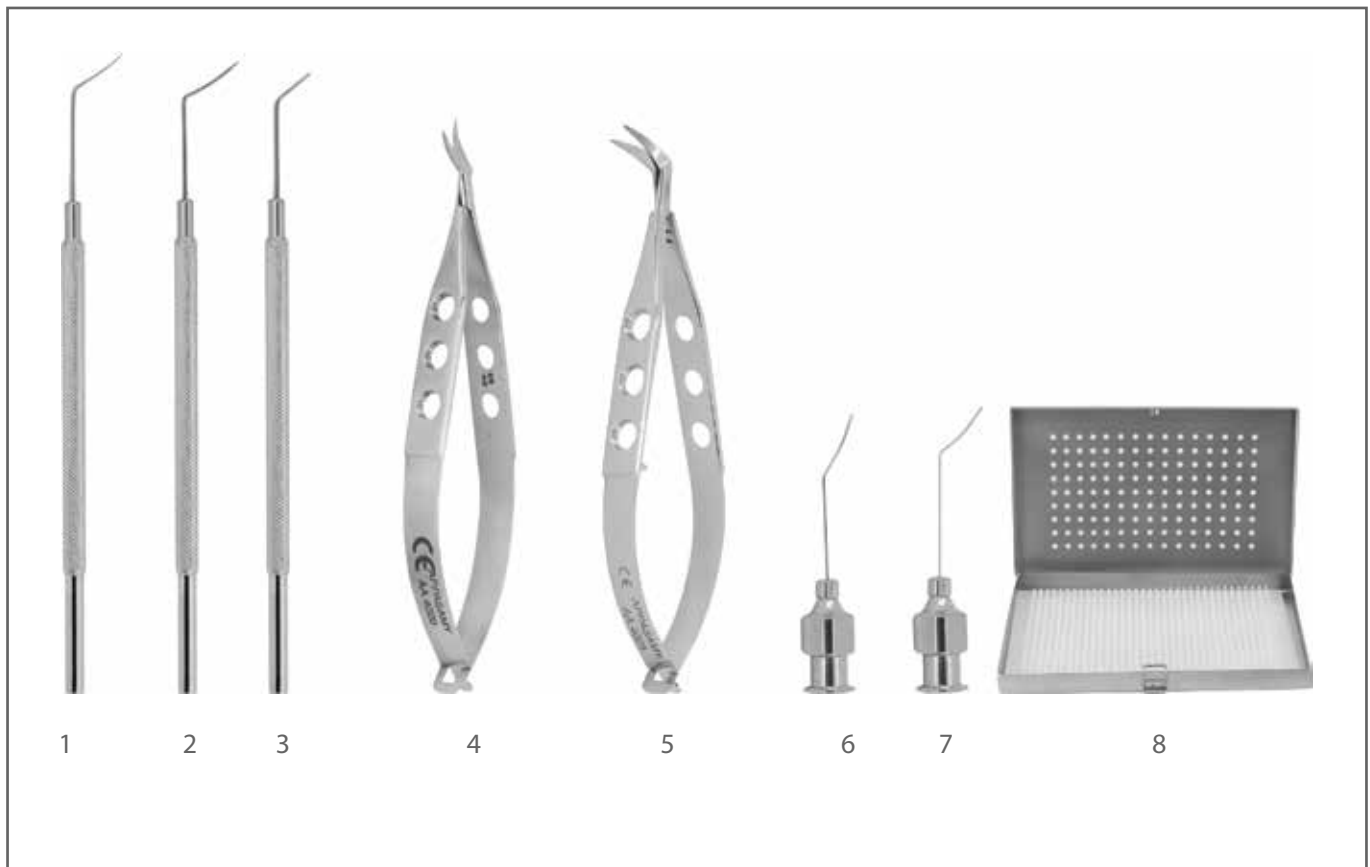
1. **AA 1120** Lancaster eye speculum
2. **AA 1825** Graefe muscle hook size 1
3. **AA 1890** Wells Enucleation spoon
4. **AA 3305** Elschmig fixation forceps 1 x 2 angled teeth
5. **AA 3935** Halsted mosquito forceps curved
6. **AA 4535** Stevens tenotomy scissors curved
7. **AA 4575** Enucleation scissors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



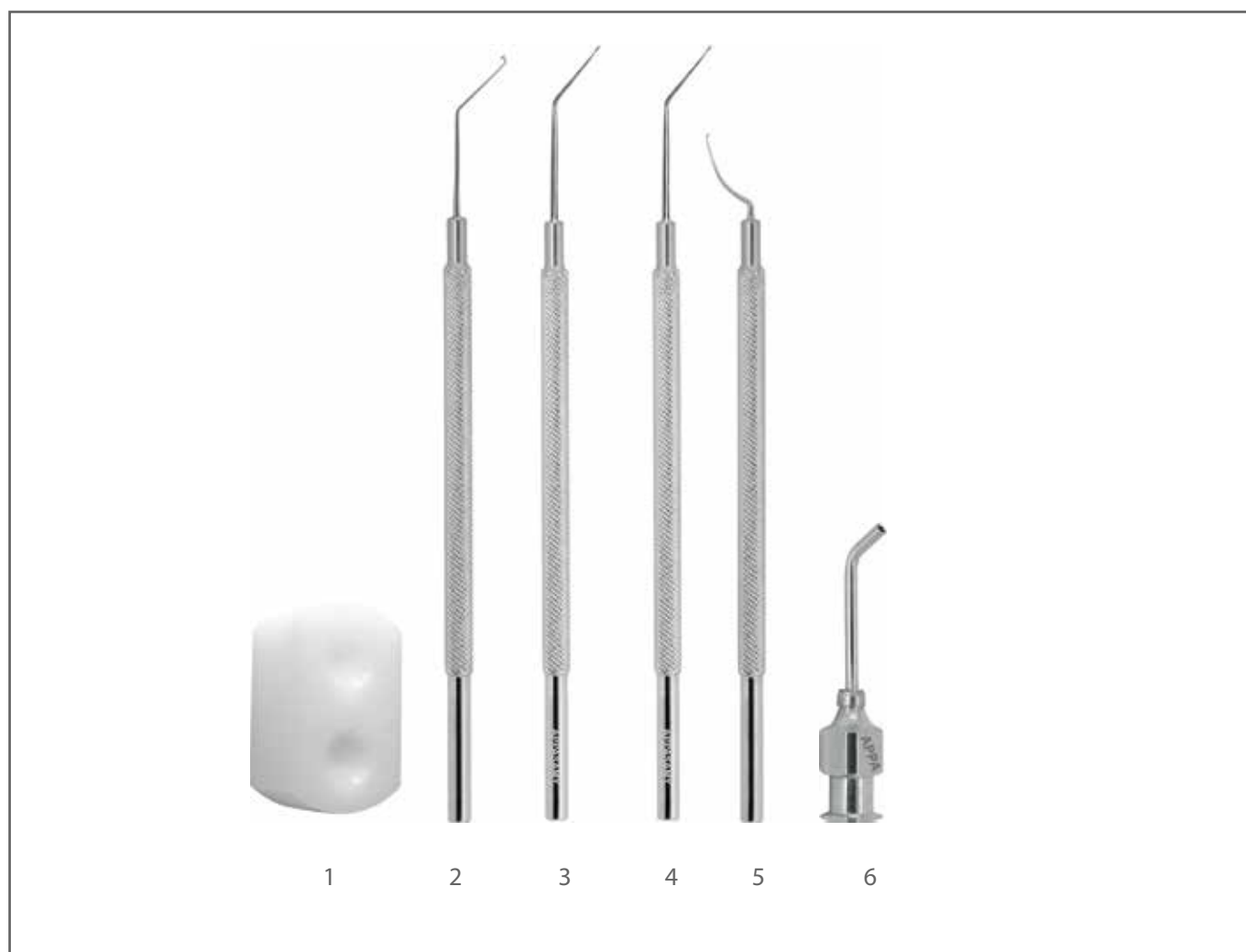
1. **AAT 1196** Jerome Bovert speculum reversible
2. **AA 1665** Fukasaku LASIK spatula for lifting and dissecting the corneal flap
3. **AA 3907** Akahoshi Nucleus splitter forceps
4. **AAT 7410/11** I/A Bimanual set sandblast
5. **AA 7861** Buratto LASIK cannula 23G -
6. **AA 8005** Sterilization box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



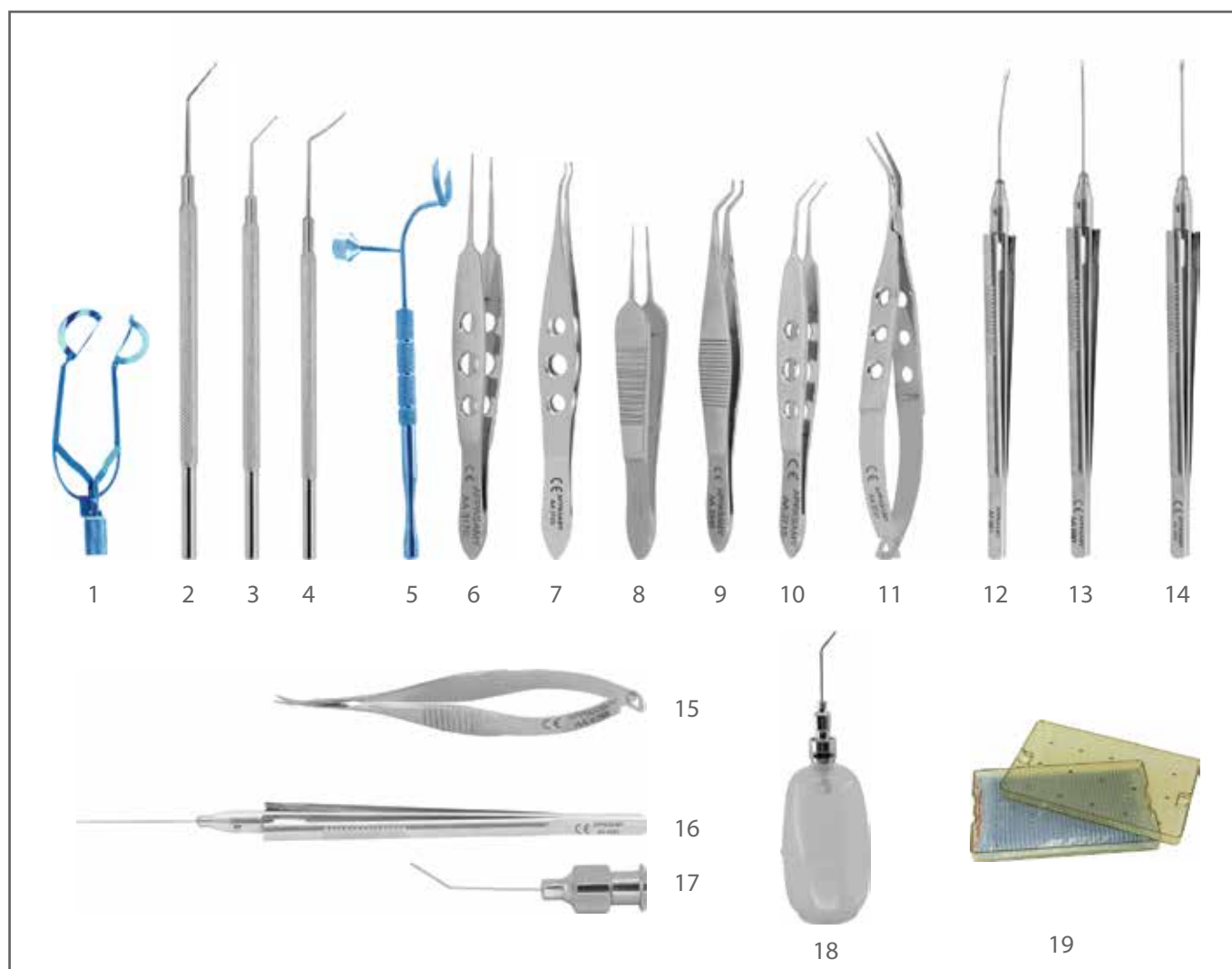
01. **AA 2555** DALK corneal dissector
02. **AA 2030** See through corneal trephine 8.5mm
03. **AA 2031** See through corneal trephine 9.0mm
04. **AA 2032** See through corneal trephine 9.5mm
05. **AA 2065** Corneal transplant punch
06. **AA 2249** Bores optic zone marker, 8.0mm
07. **AA 2500** DSAEK 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



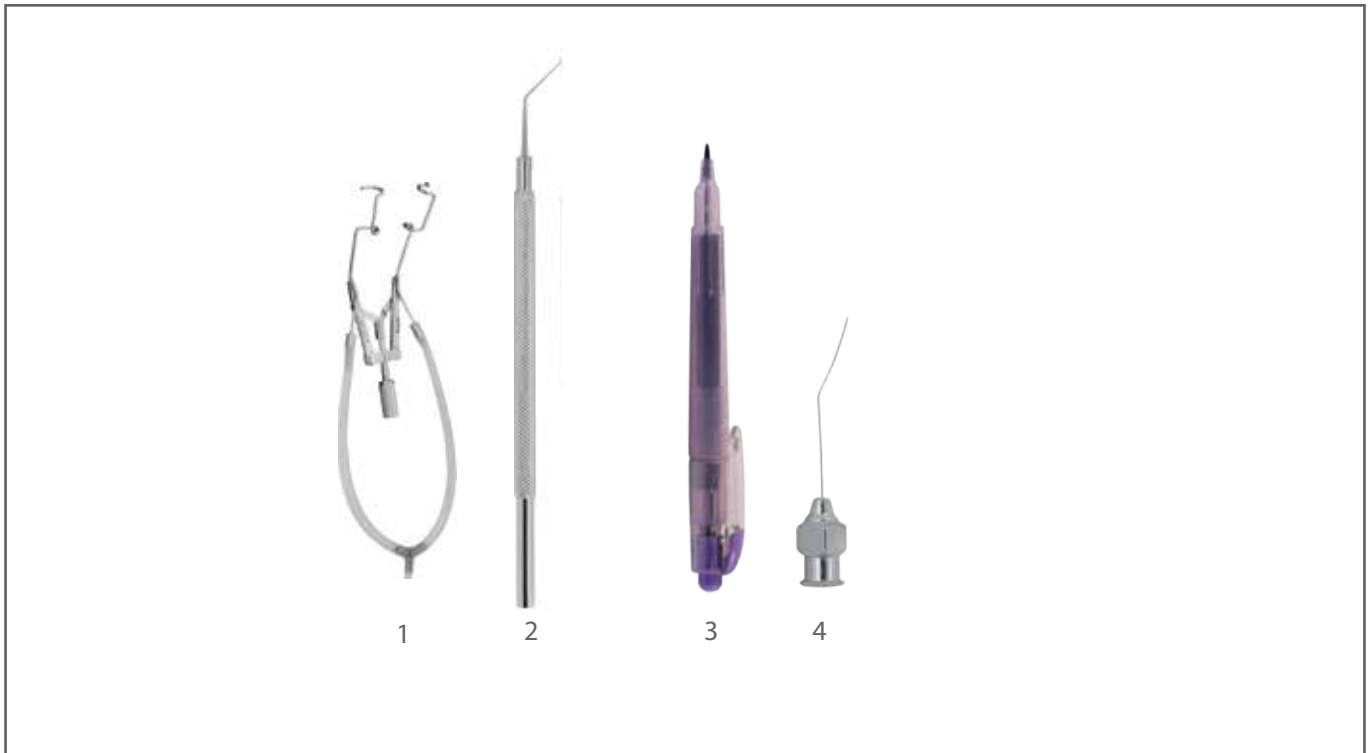
1. **AA 2555** DALK corneal dissector
2. **AA 2560** Rosenwasser DALK Trisector
3. **AA 2565** Bonfadini DALK spatula
4. **AA 4020** Castroviejo Corneoscleral scissors medium blades, left
5. **AA 4025** Castroviejo Corneoscleral scissors medium blades, right
6. **AA 7050** Rosenwasser DALK cannula, 27 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



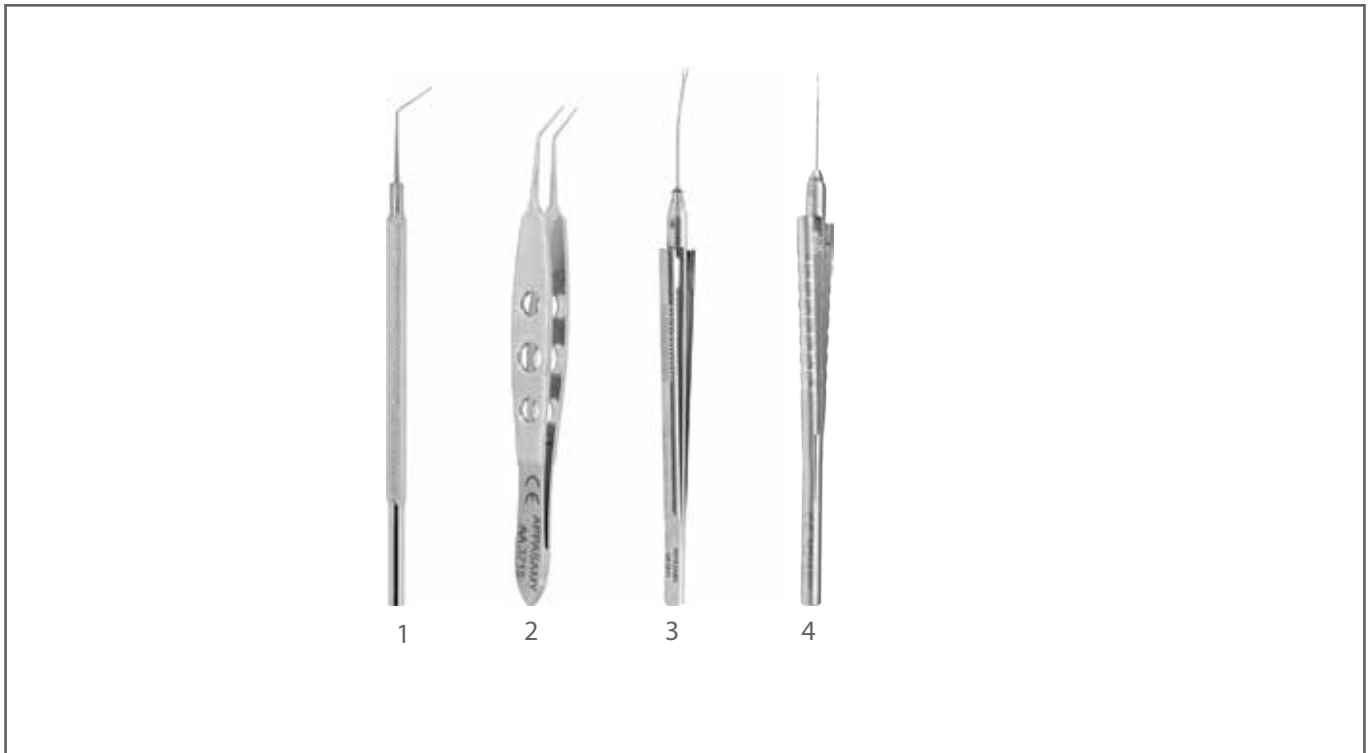
1. **AAT 1196** Jerome Bovert speculum reversible
2. **AA 1478** Toric lens manipulator
3. **AA 1613** Pisacano hook horizontal
4. **AA 1655** Barraquer Iris spatula, 0.25mm, angled.
5. **AAT 2800** LRI slit lamp marker
6. **AA 3170** Bonn forceps, long model, 0.12mm, 1 x 2 teeth
7. **AA 3125** Castroviejo Colibri forceps 1 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



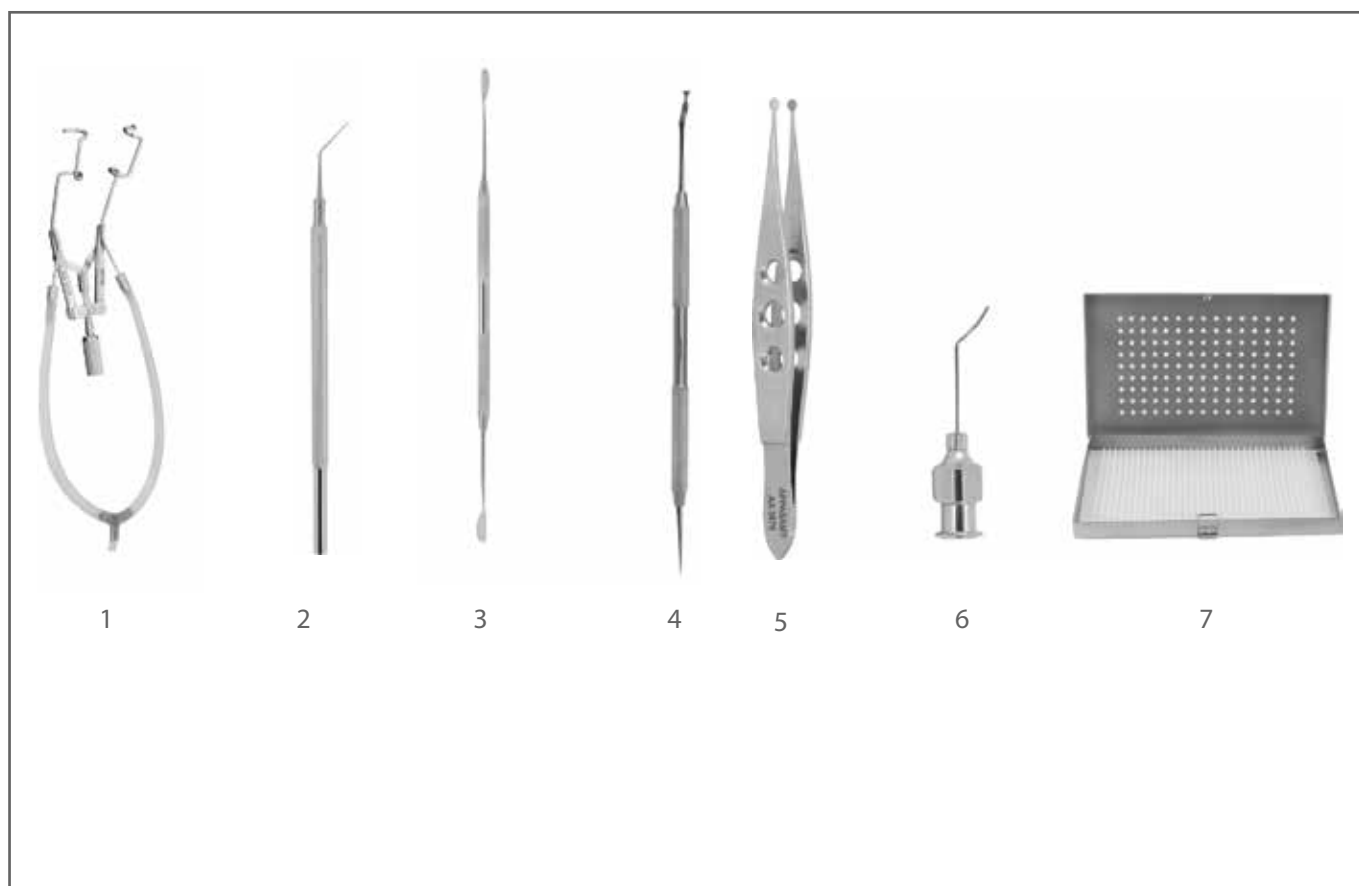
- 01. **AA 1086** Lieberman irrigating speculum, temporal
- 02. **AA 1465** Sinsky II lens manipulating hook angled
- 03. **AA 2300** Marking pen, fine tip
- 04. **AA 7861** Buratto LASIK cannula



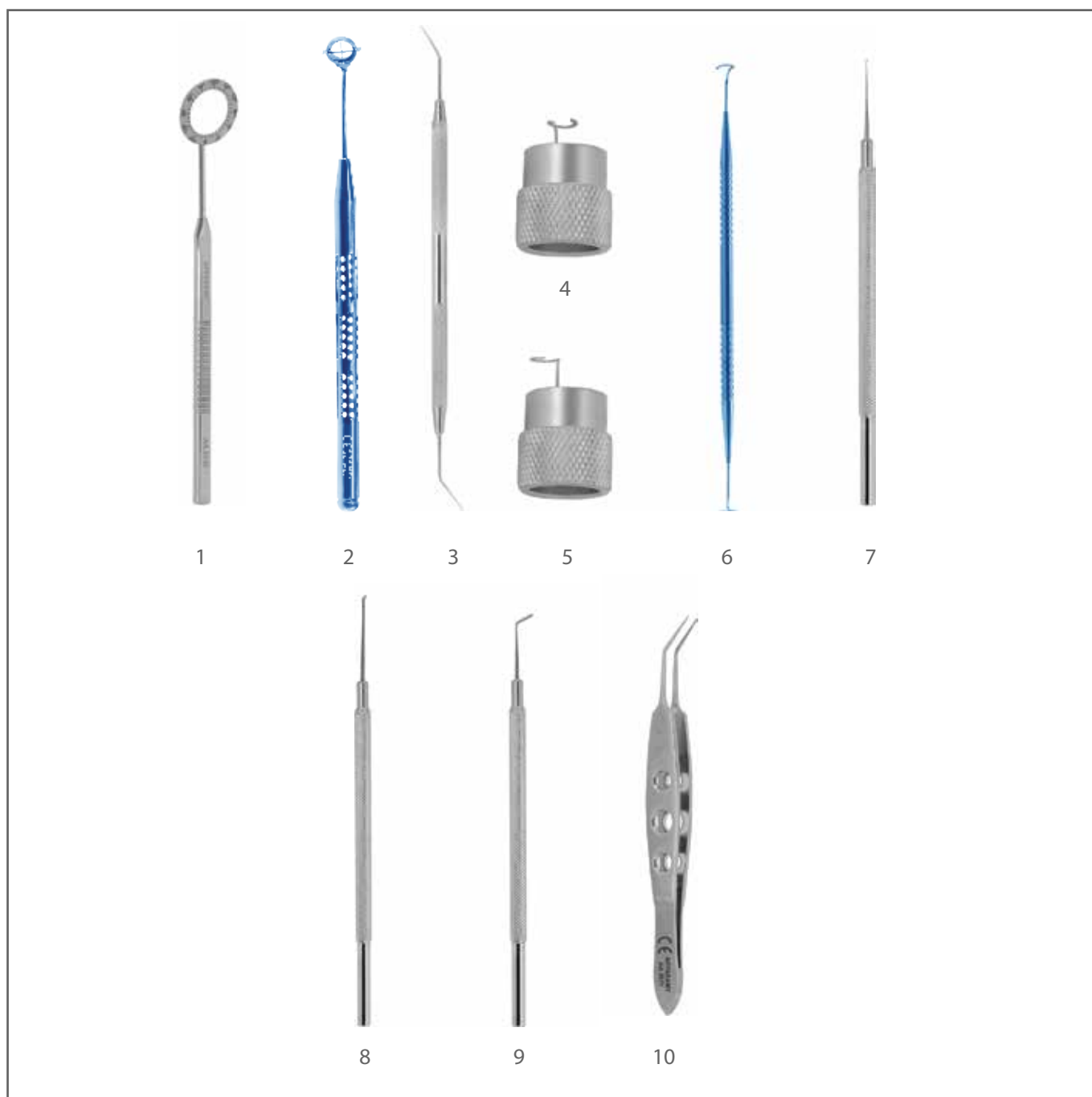
1. **AAT 1196** Jerome Bovert speculum reversible
2. **AA 1565** Lester No hole lens manipulator 0.25 mm
3. **AA 2140** Mendez degree gauge
4. **AA 2183** Maloney intra-operative keratometer
5. **AA 2300** Marking pen, fine tip
6. **AAT 2800** LRI slit lamp marker
7. **AAT 2820** LRI marker, 6mm & 8mm 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



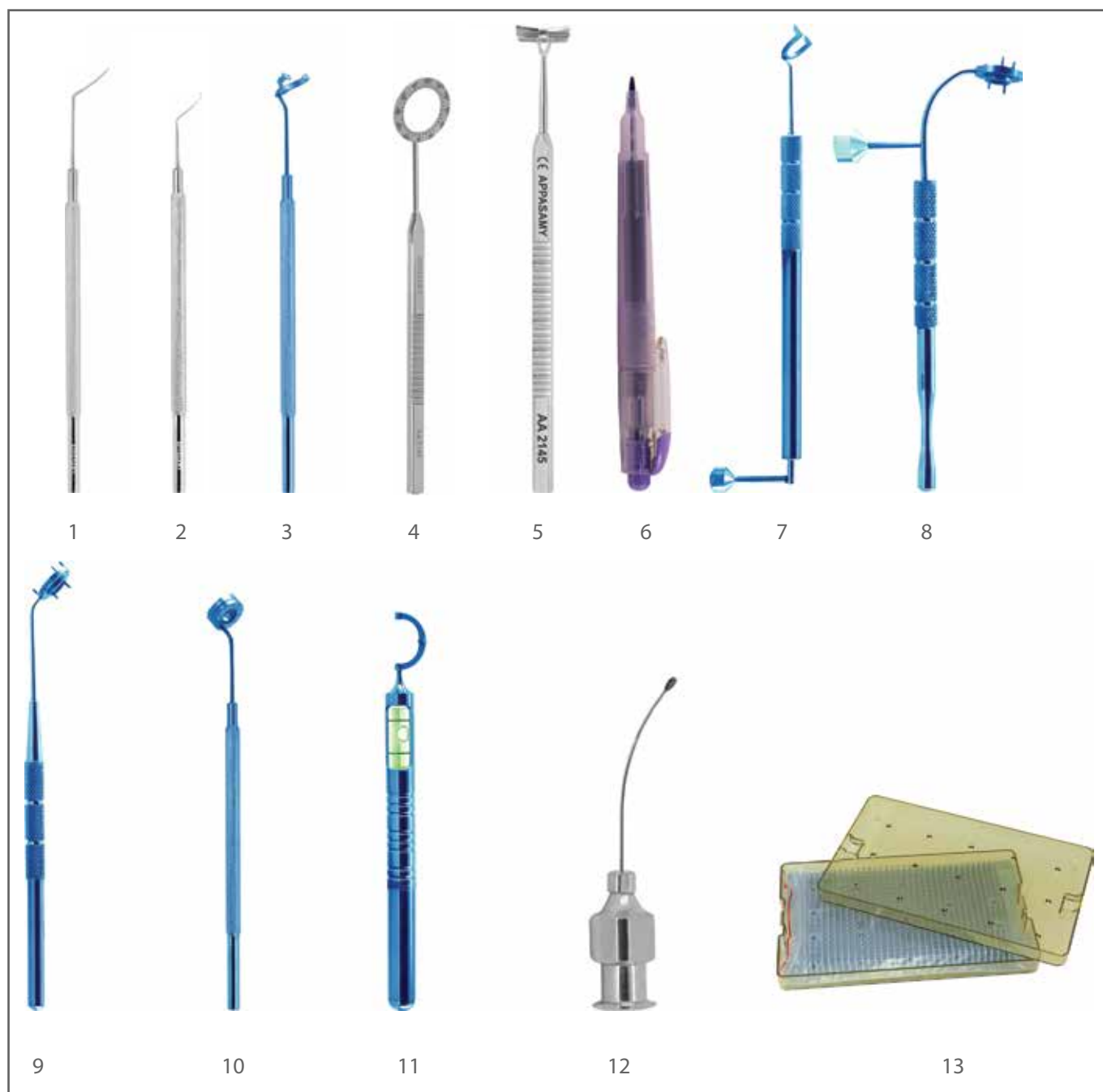
01. **AA 1565** Lester No hole lens manipulator 0.25 mm
02. **AA 3715** Faulkner lens holding forceps
03. **AA 3871** Kreshner micro incision capsulorhexis forceps, curved 20 G
04. **AA 4460** Viterous scissors 20 G, 30° angled jaws



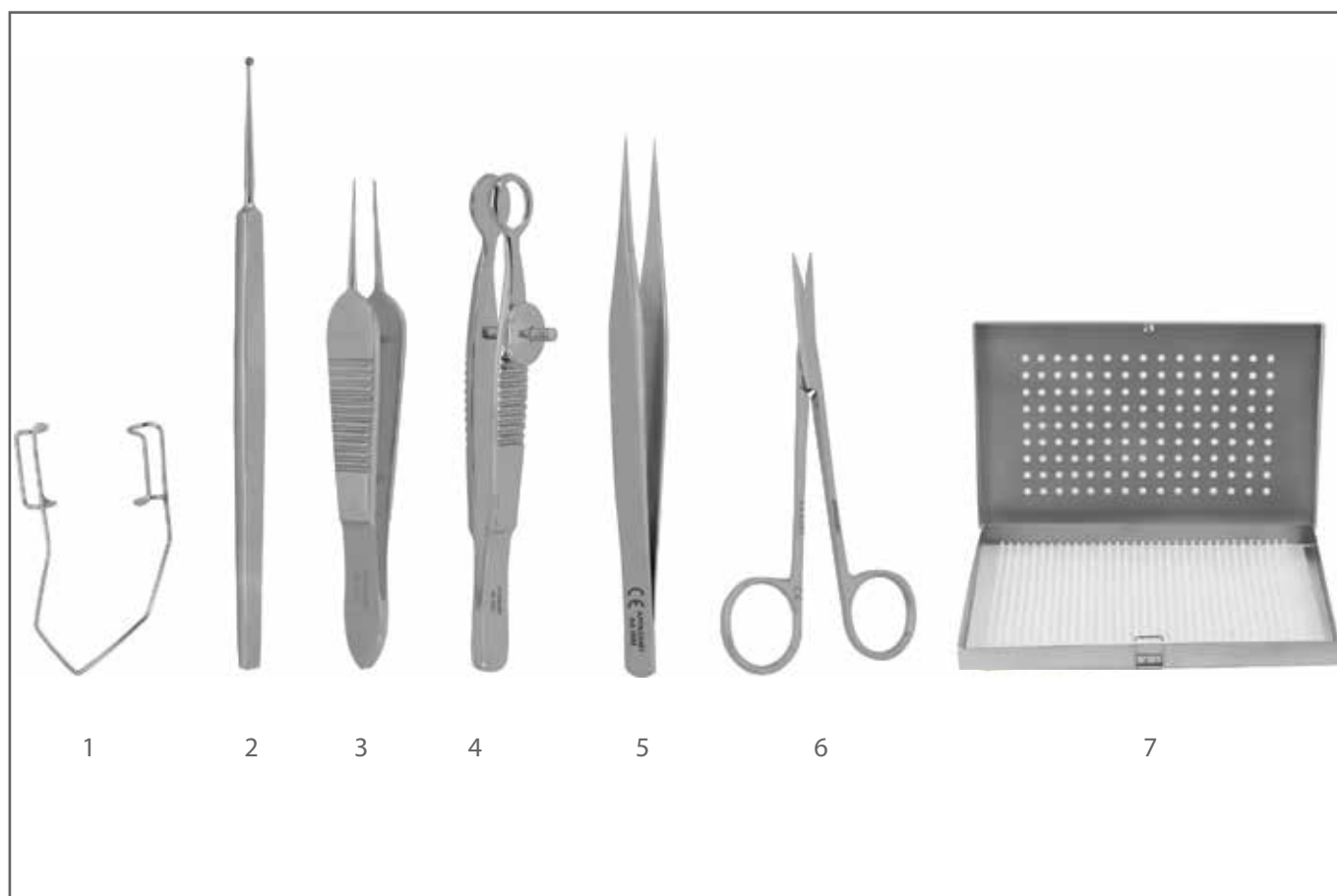
- 01. **AA 1086** Lieberman irrigating speculum, temporal
- 02. **AA 1465** Sinskey II lens manipulating hook angled
- 03. **AA 2625** LASIK Flap Protector Blades
- 04. **AA 2650** Thorlakson LASIK flap lifter
- 05. **AA 3876** Buratto LASIK flap forceps
- 06. **AA 7885** Buratto LASIK cannula 23 G
-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



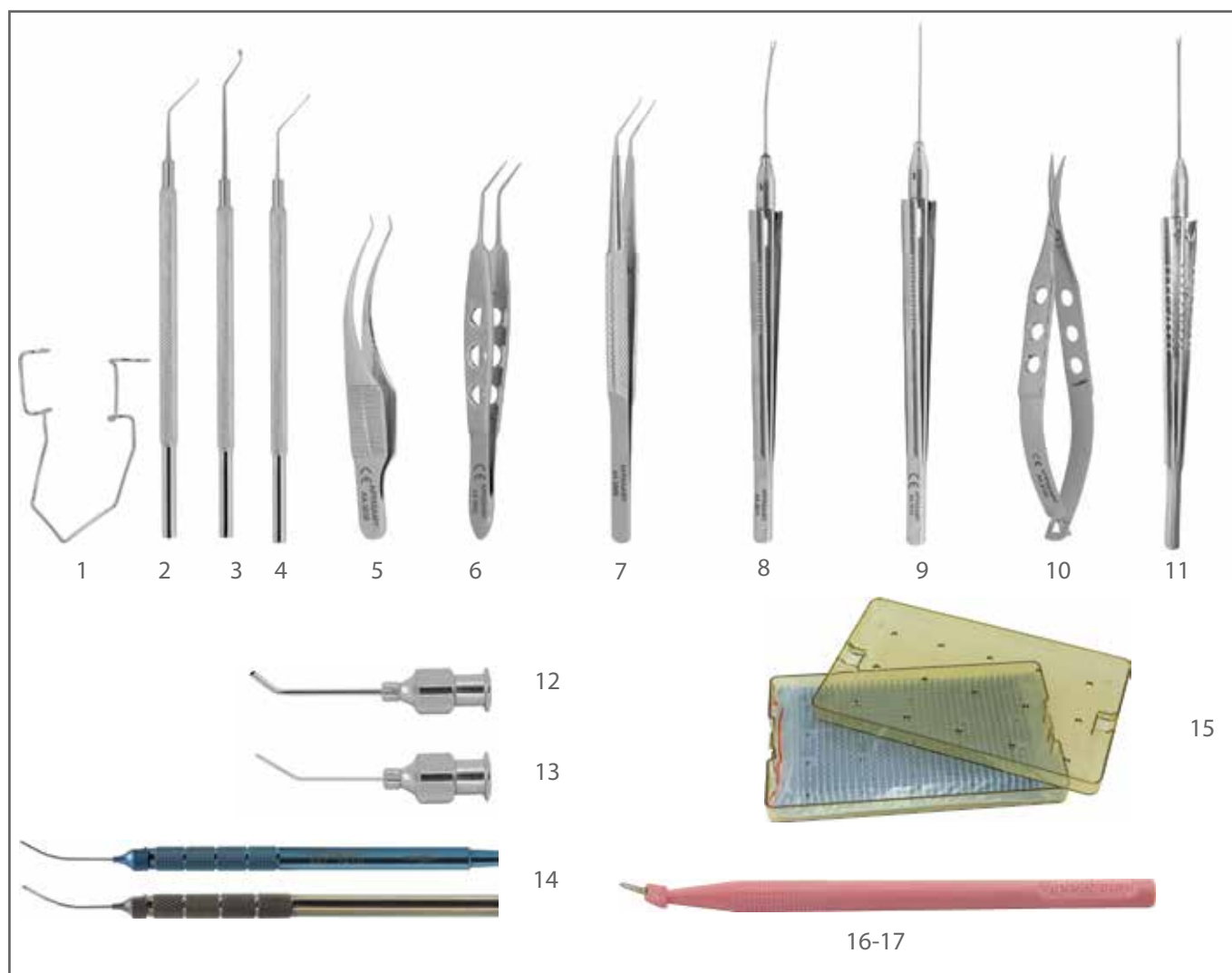
- 01. **AA 2140** Mendez degree gauge
- 02. **AAT 2146** Tunnel zone marker
- 03. **AA 2221** Optical zone marker
- 04. **AA 2432** ICSR tunnel marker left
- 05. **AA 2433** ICSR tunnel marker right
- 06. **AAT 2434** ICSR tunnel marker double ended
- 07. **AA 2516** Elevator far ICSR implantation
-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



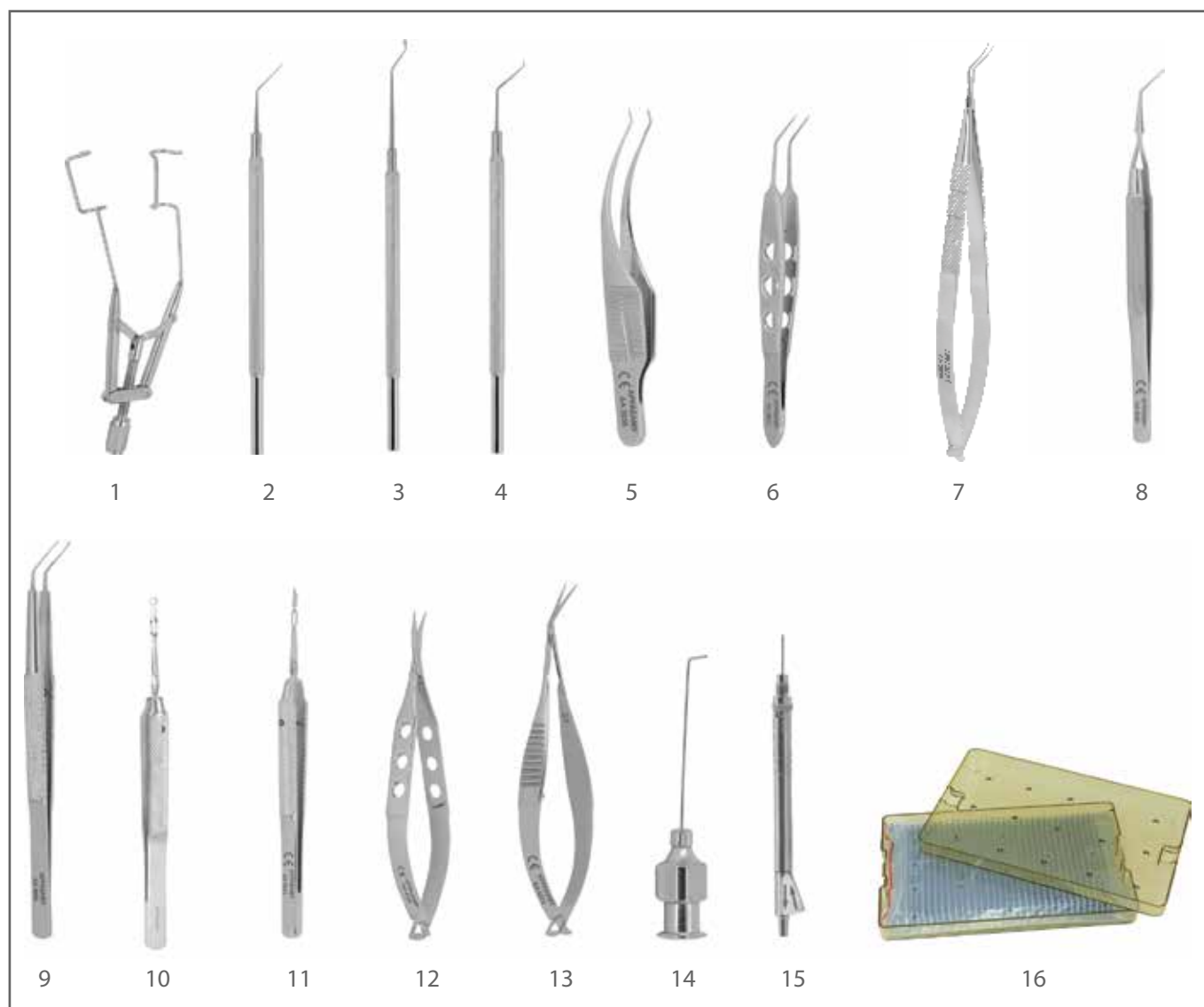
- 01. **AA 1655** Barraquer Iris spatula 0.25mm, angled
- 02. **AA 1620** Tennant Nucleus manipulator ball shaped tip
- 03. **AAT 2286** Henderson Toric alignment marker
- 04. **AA 2140** Mendez degree gauge
- 05. **AA 2145** Bores axis marker
- 06. **AA 2300** Marking pen, fine tip
- 07. **AAT 2805** 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



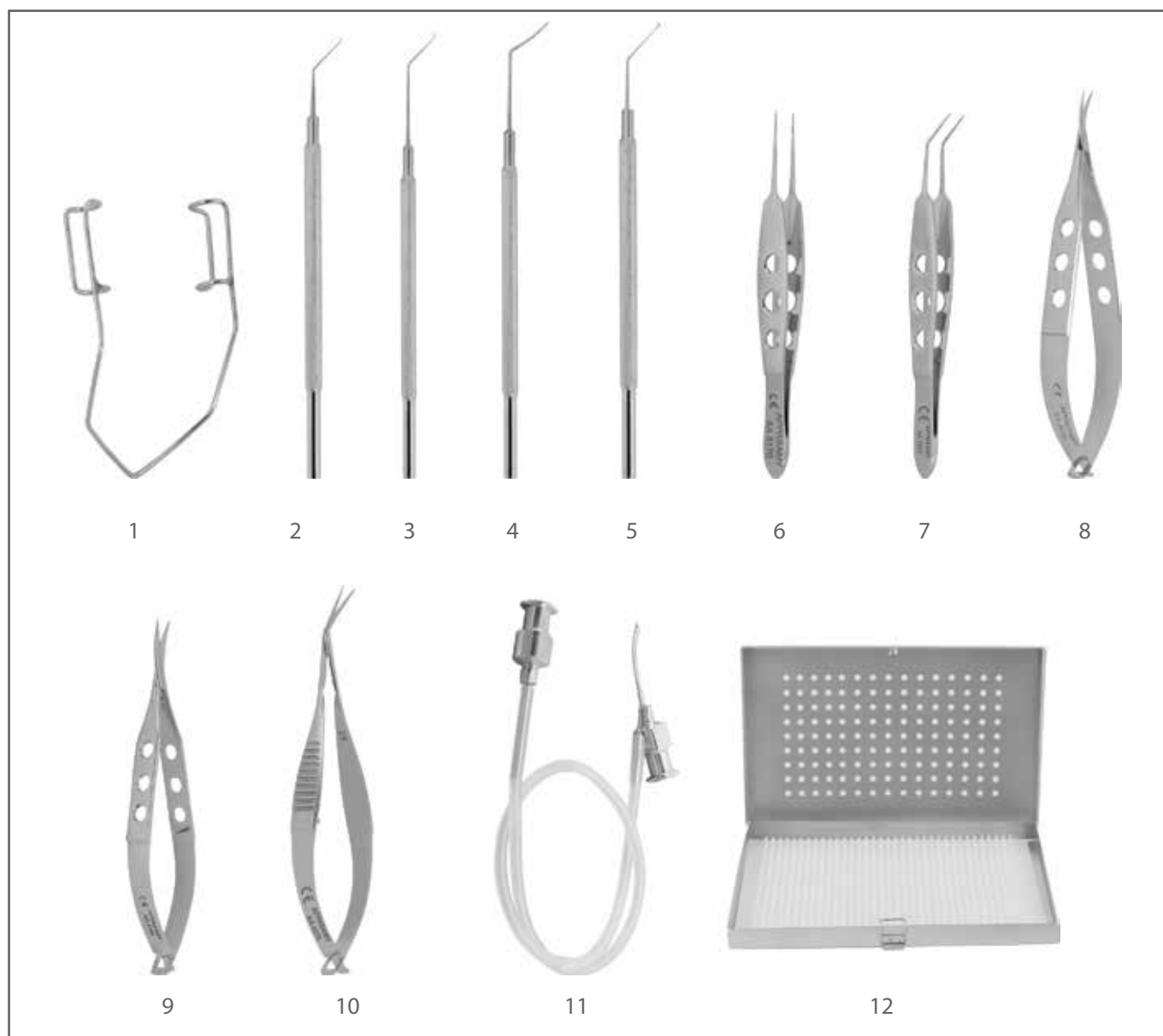
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1875** Meyerhoefer chalazion curette, size 0
3. **AA 3275** St.Martin suturing forceps, 1 x 2 teeth
4. **AA 3620** Lambert chalazion forceps
5. **AA 3885** Jewelers forceps
6. **AA 4510** Eye scissors, 4.5" length
7. **AA 8005** Sterilization box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



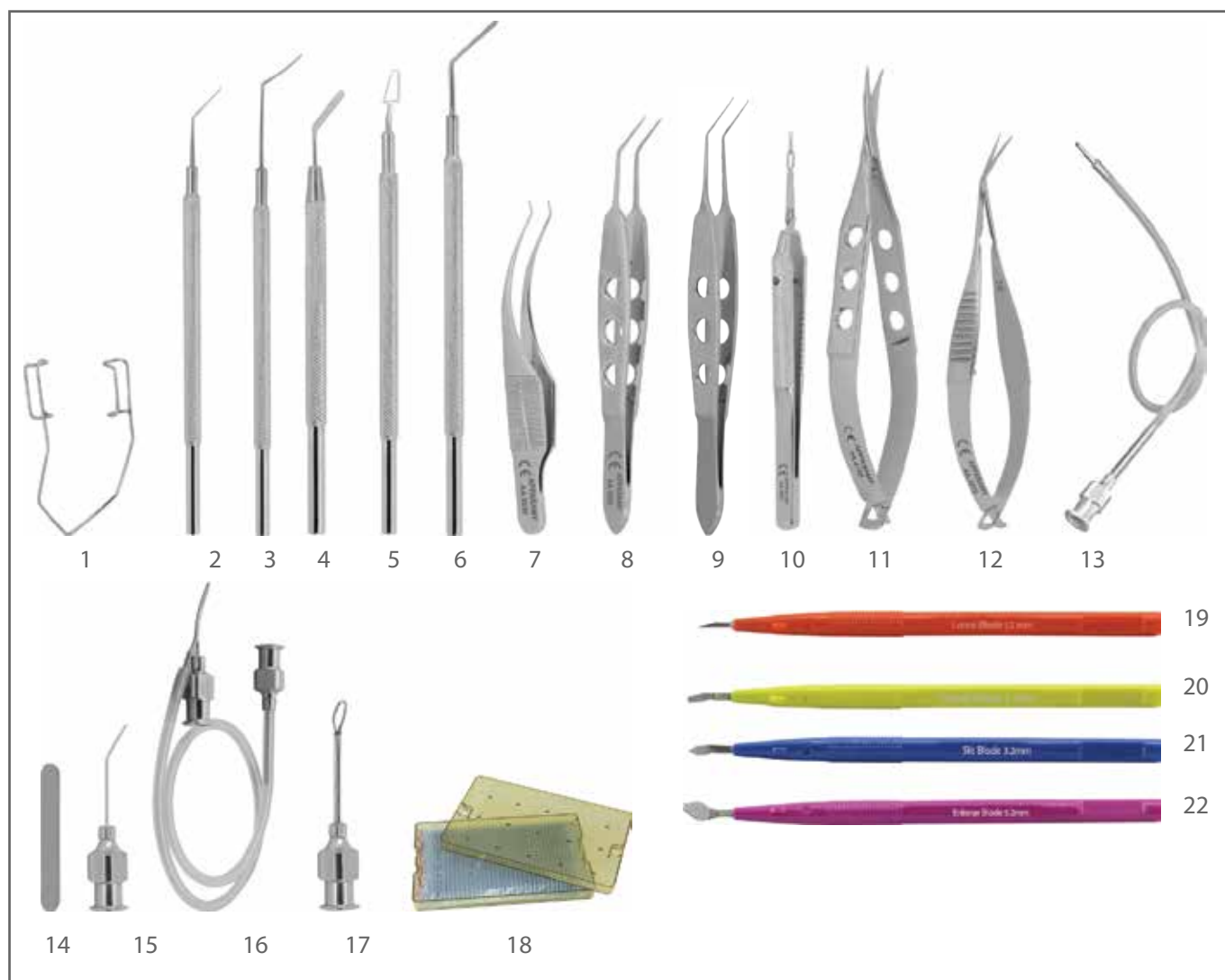
01. **AA 1025** Kratz-Barraquer wire speculum, big
02. **AA 1465** Sinsky II lens manipulating hook angled
03. **AA 1597A** Akahoshi nucleus ring sustainer
04. **AA 1993** Agarwal phaco chopper 1mm fully cutting edge
05. **AA 3030** Colibri forceps 1 x 2 teeth 0.12mm
06. **AA 3805** McPherson IOL forceps, 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** Sinsky 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

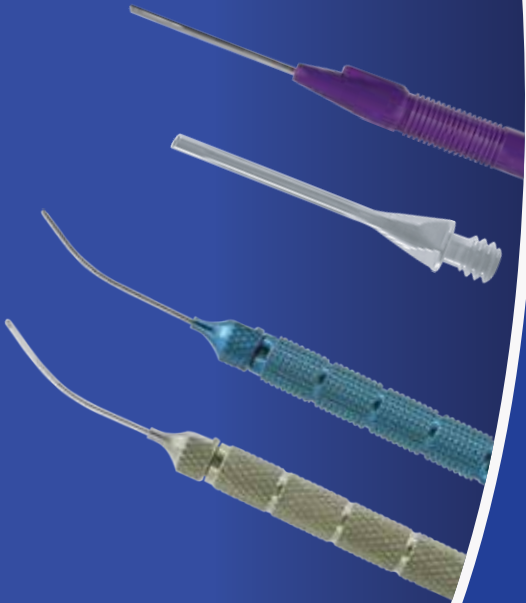


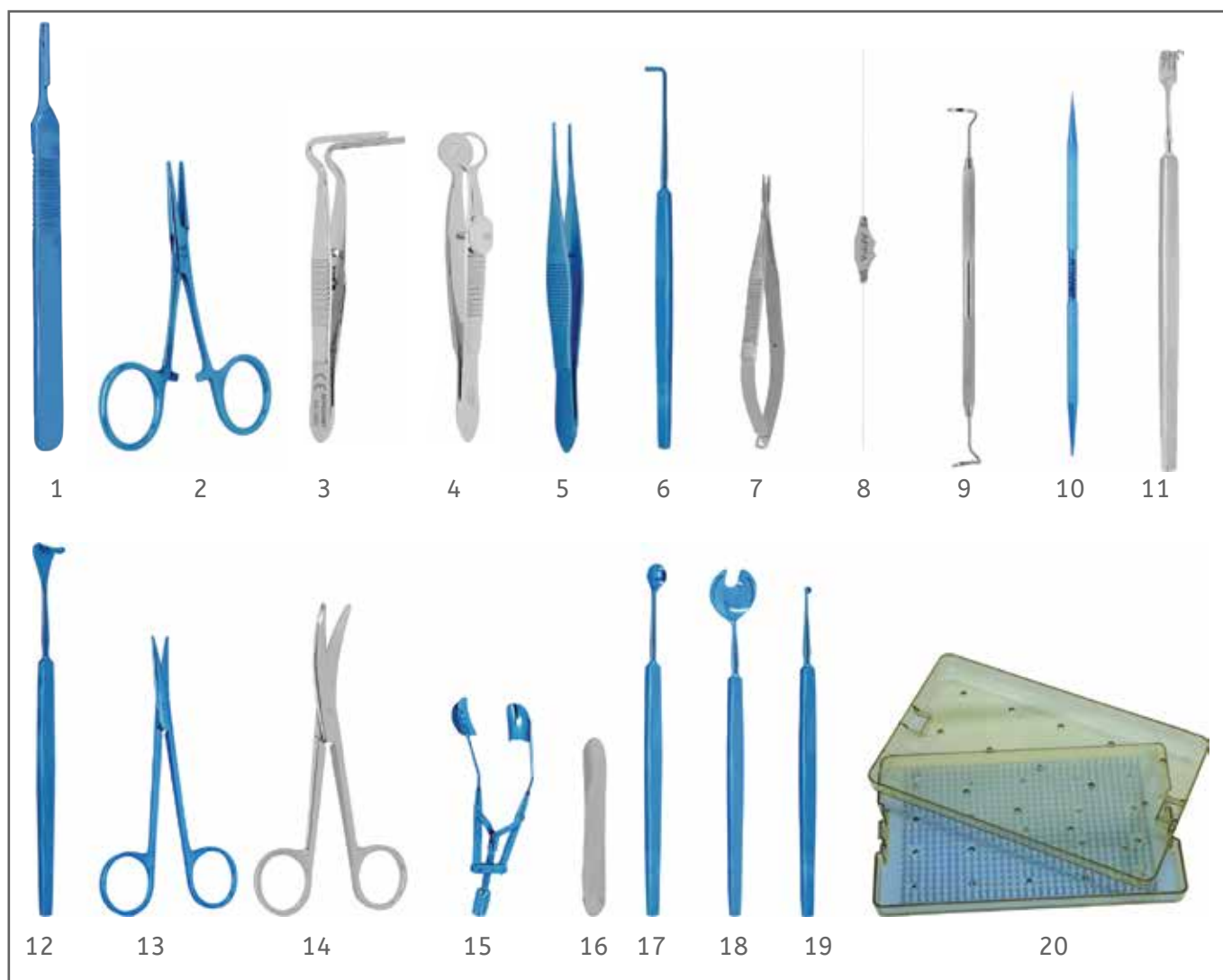
01. **AA 1009** Barraquer wire speculum, large
02. **AA 1465** Sinskey II lens manipulating hook angled
03. **AA 1597** Akahoshi nucleus ball sustainer
04. **AA 1655** Barraquer Iris spatula 0.25mm, angled
05. **AA 1993** Agarwal phaco chopper 1mm fully cutting edge
06. **AA 3170** Bonn forceps long 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



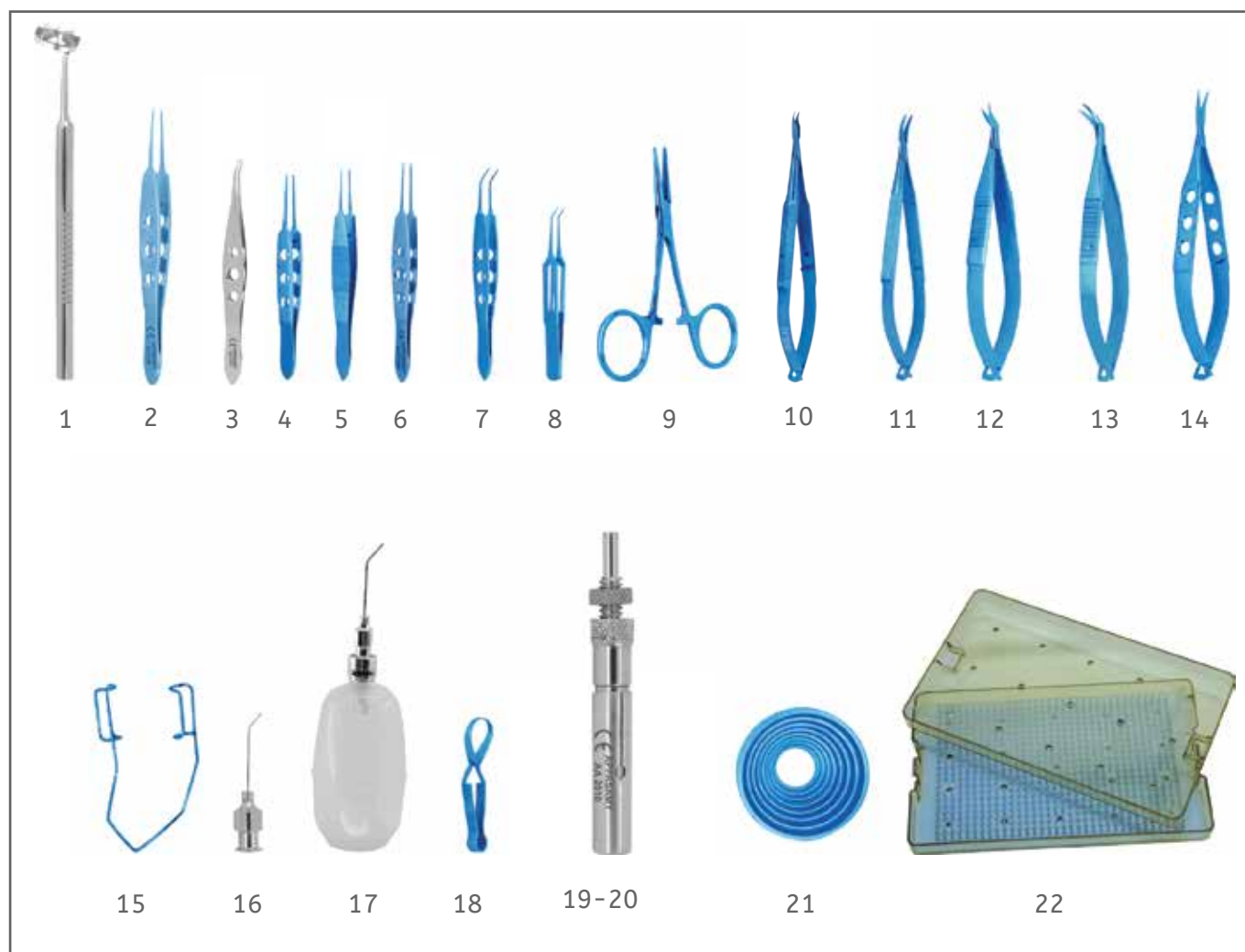
1. **AA 1009** Barraquer wire speculum, large
2. **AA 1465** Sinsky II lens manipulating hook angled
3. **AA 1655** Barraquer Iris spatula, 0.25mm, angled
4. **AA 1965** Kansas nucleus bisector
5. **AA 1970** Kansas nucleus trisector
6. **AA 1975** Kansas nucleus vectis solid, right
7. **AA 3030** Colibri 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

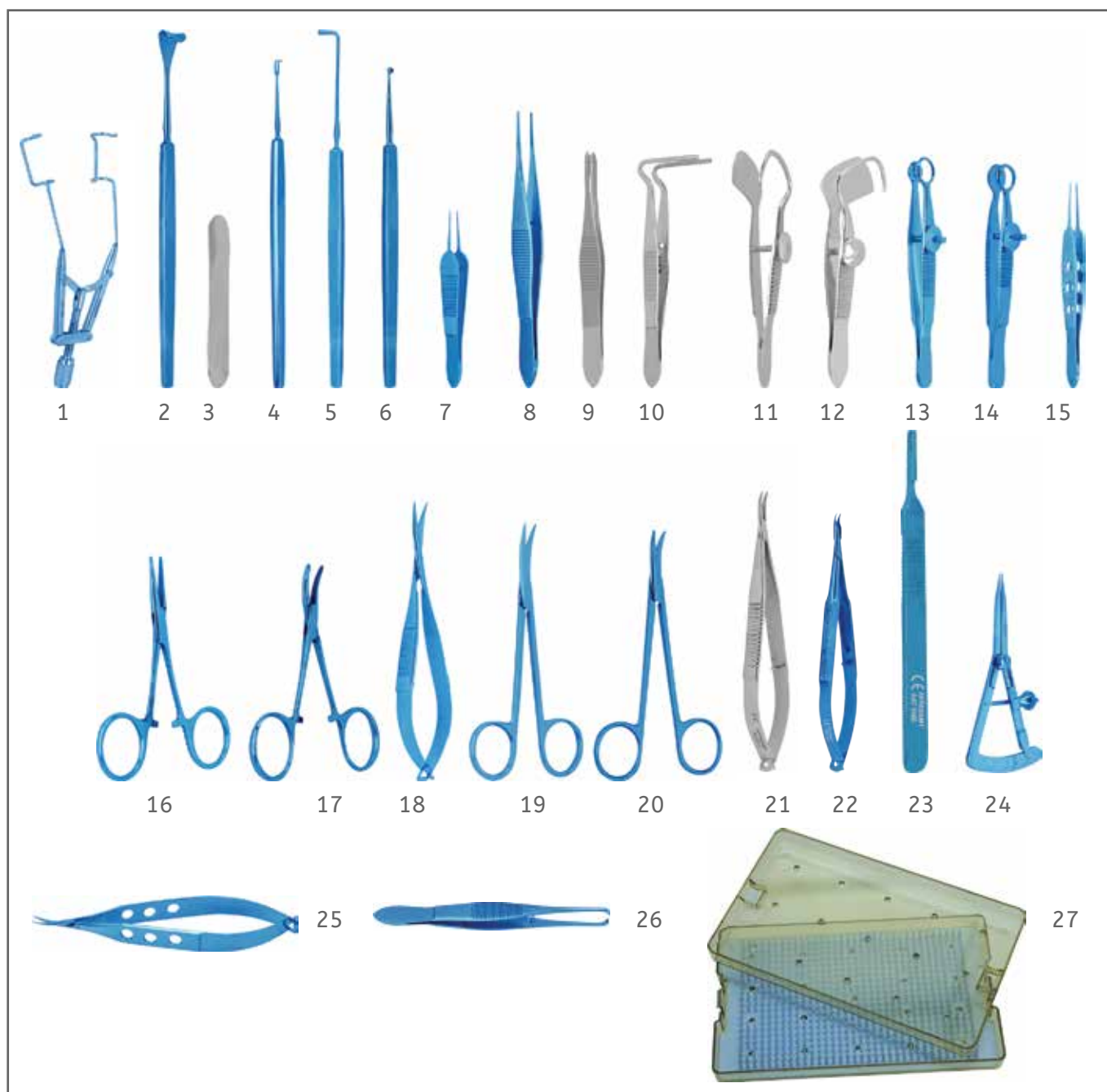




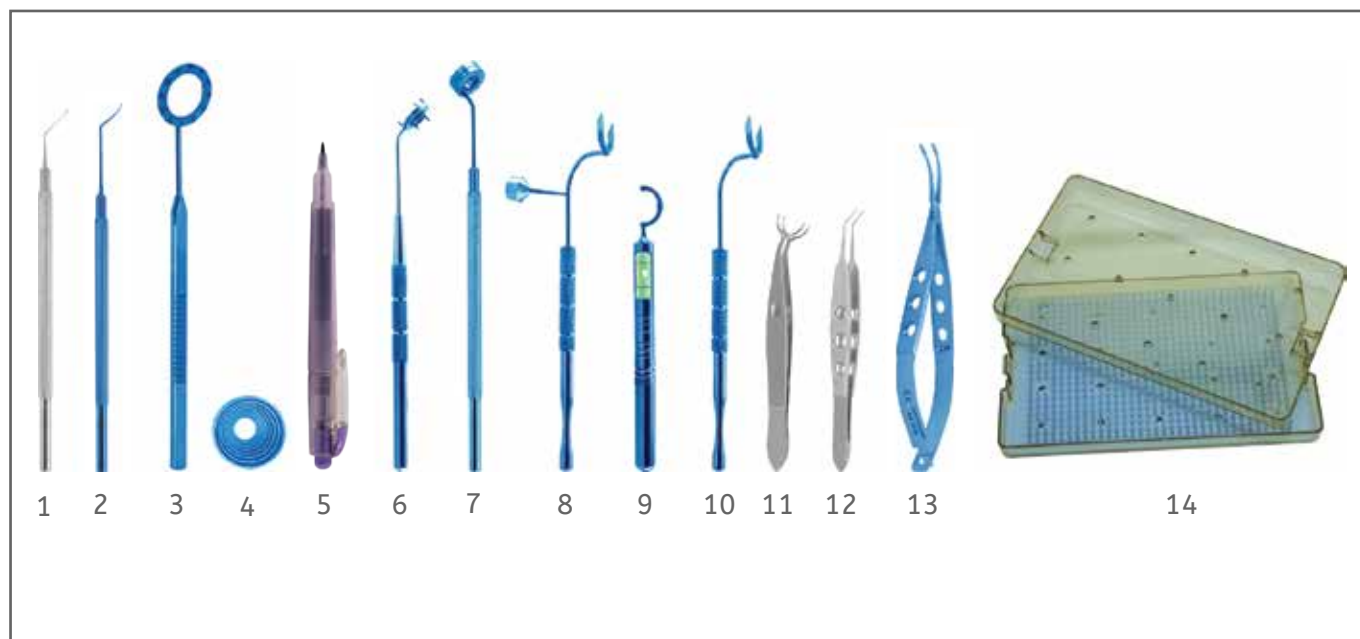
1. **AAT 5465** Bard-Parker handle #3 round handle
2. **AAT 3920** Hartman mosquito forceps straight
3. **AA 3565** Berke ptosis forceps 20mm
4. **AA 3625** Desmarres chalazion forceps 13mm/20mm Dia
5. **AAT 3300** Fixation forceps 1 x 2 teeth
6. **AAT 1826** Graefe muscle hook size 2
7. **AA 5065** 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



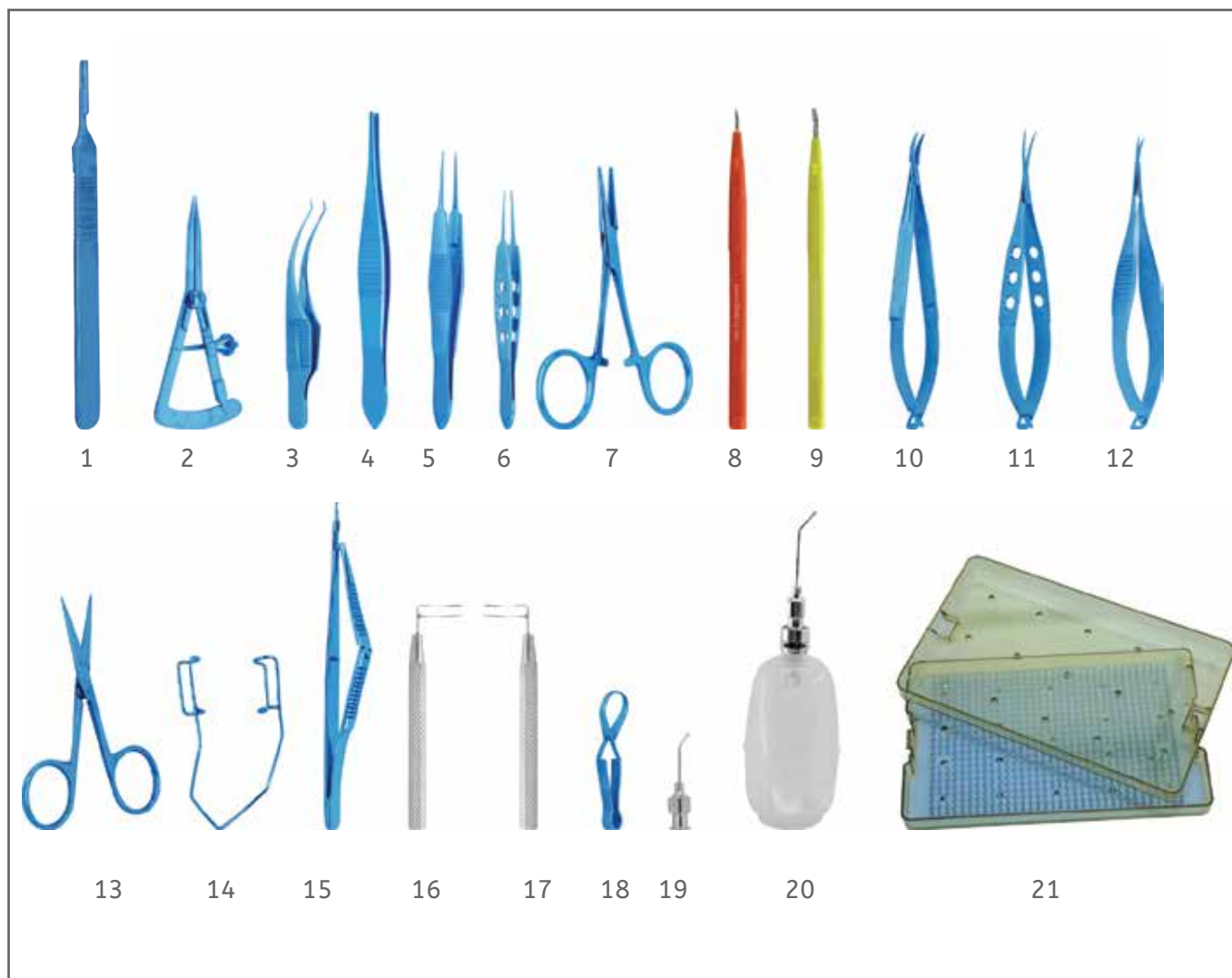
1. **AA 2270** Anis suture placement marker
2. **AAT 3790** McPherson tying forceps St. Long handle
3. **AA 3125** Castroviejo colibri forceps very delicate, 1 x 2 teeth
4. **AAT 3250** Bishop-Harmon tissue forceps 1 x 2 teeth
5. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.3mm
6. **AAT 3150** 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** Castroviejo Corneal trephine size 8 mm dia.
21. **AAT 2183** Maloney intra-operative keratometer
22. **AA 8200** Plastic sterilization box with silicone mat



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



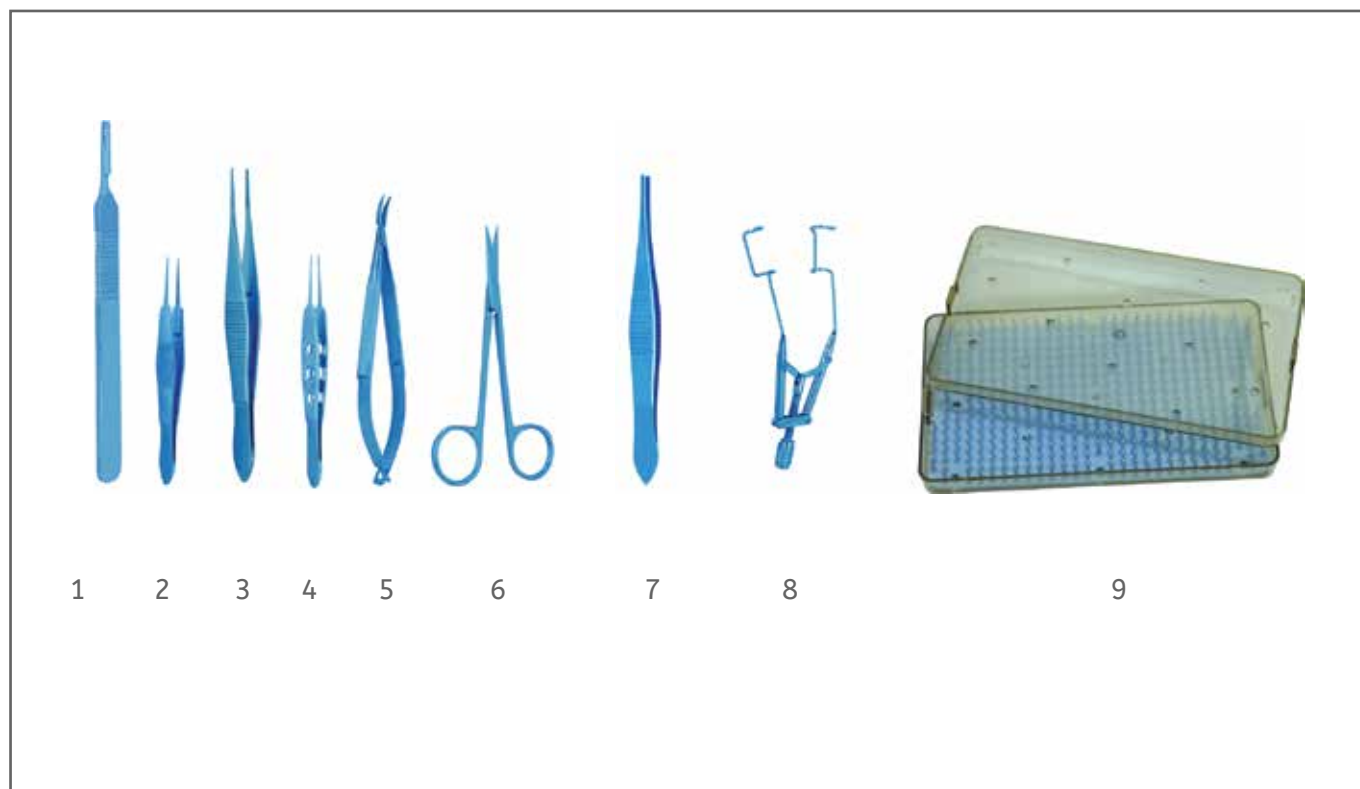
1. **AA 1996** Rosen phaco splitter
2. **AAT 1565** Lester No hole lens manipulator
3. **AAT 2140** Mendez degree gauge
4. **AAT 2183** Maloney intra-operative keratometer
5. **AA 2300** Marking pen, fine tip
6. **AAT 2820** LRI marker, 6mm & 8mm chord lengths
7. **AAT 2825** LRI marker, 40-60-80 degree
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 forceps
13. **AAT 3690** Shepard IOL forceps
14. **AA 8200** Plastic sterilization box with silicone mat



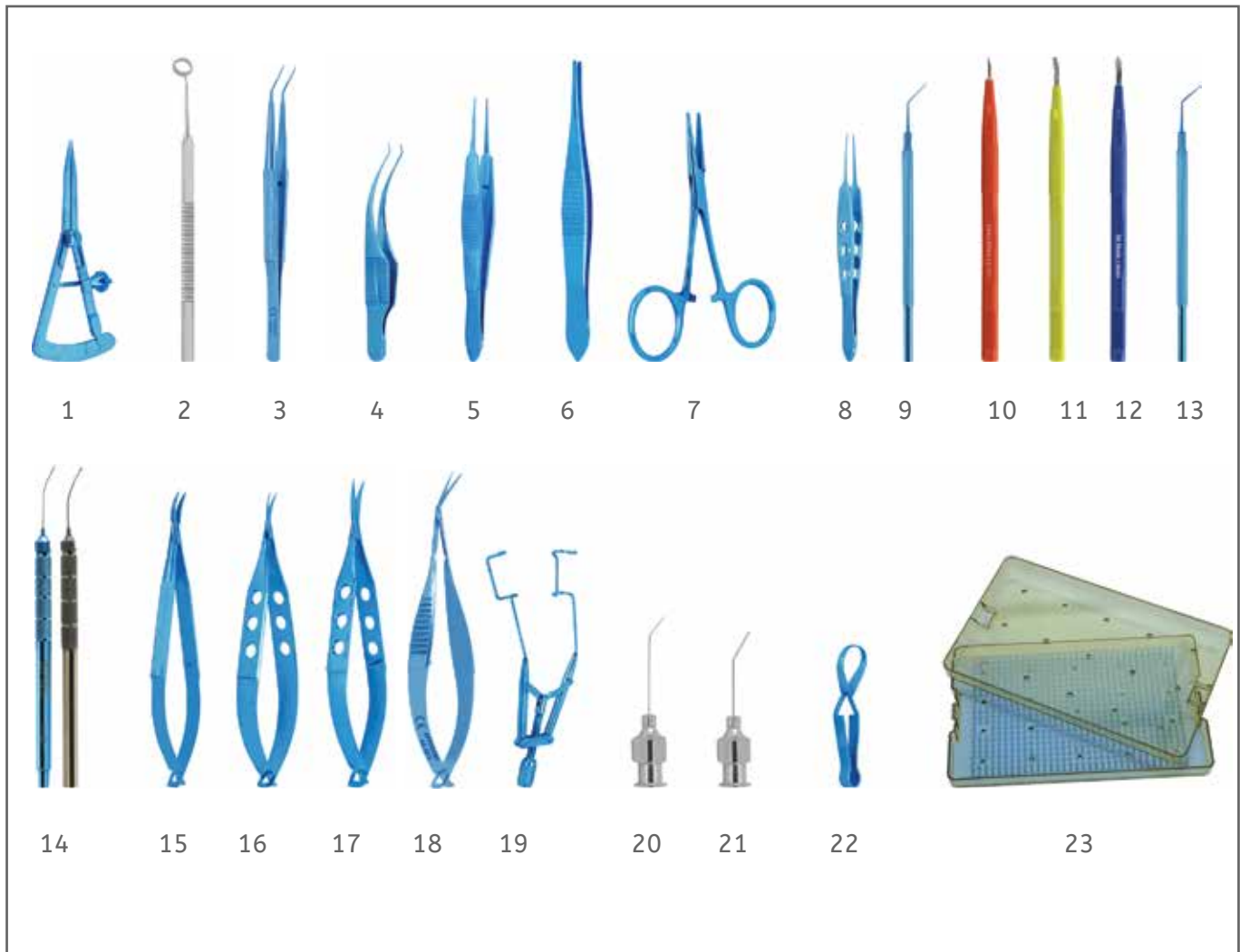
1. **AAT 5460** Bard-Parker handle #3 flat
2. **AAT 2075** Castroviejo caliper 20mm spread
3. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
4. **AAT 3465** Bonaccolto utility forceps 1.2mm wide
5. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
6. **AAT 3790** McPherson tying forceps 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

AA - Stainless Steel, AAT - Titanium

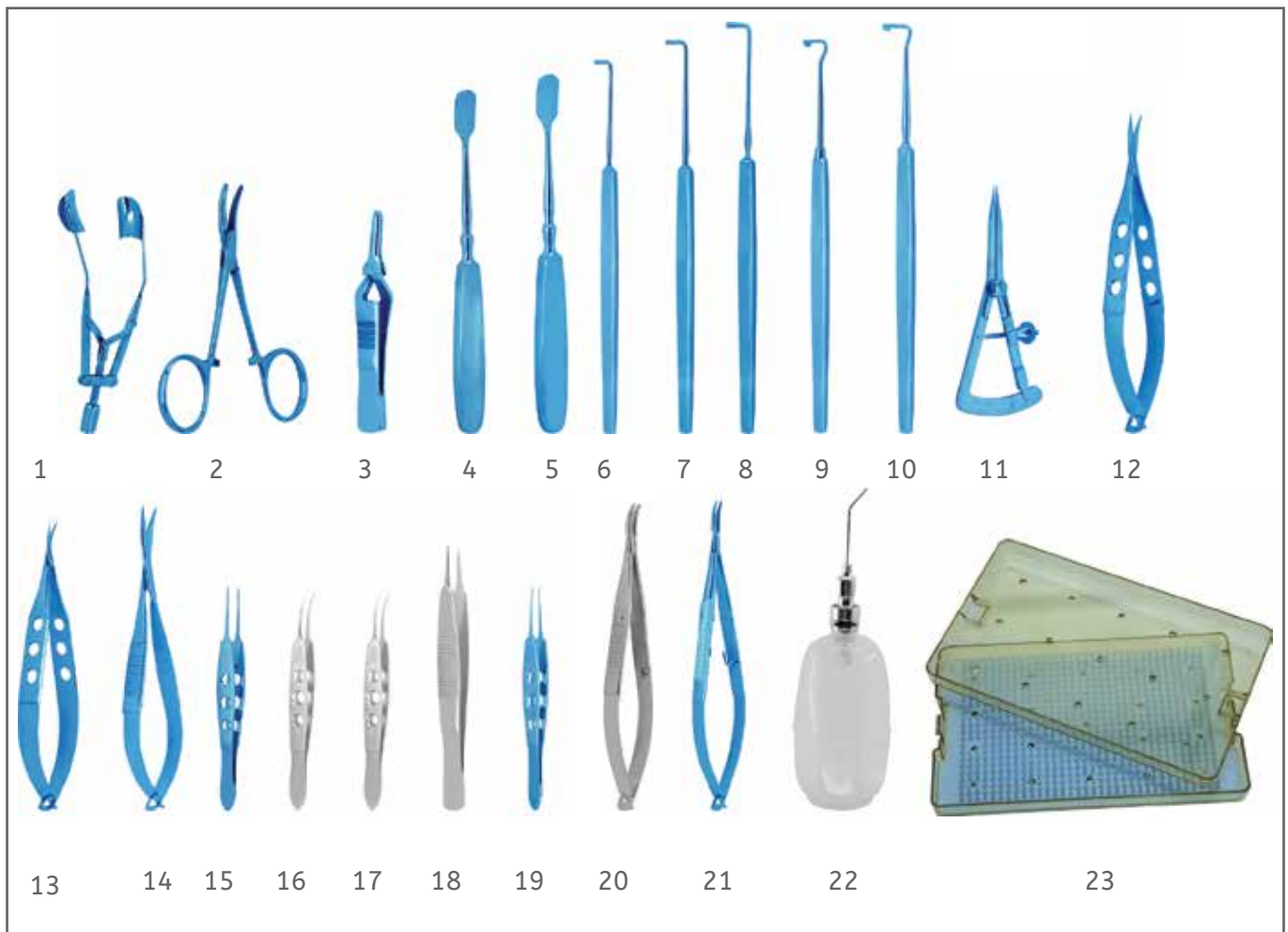
QUALITY | SERVICE | INTEGRITY



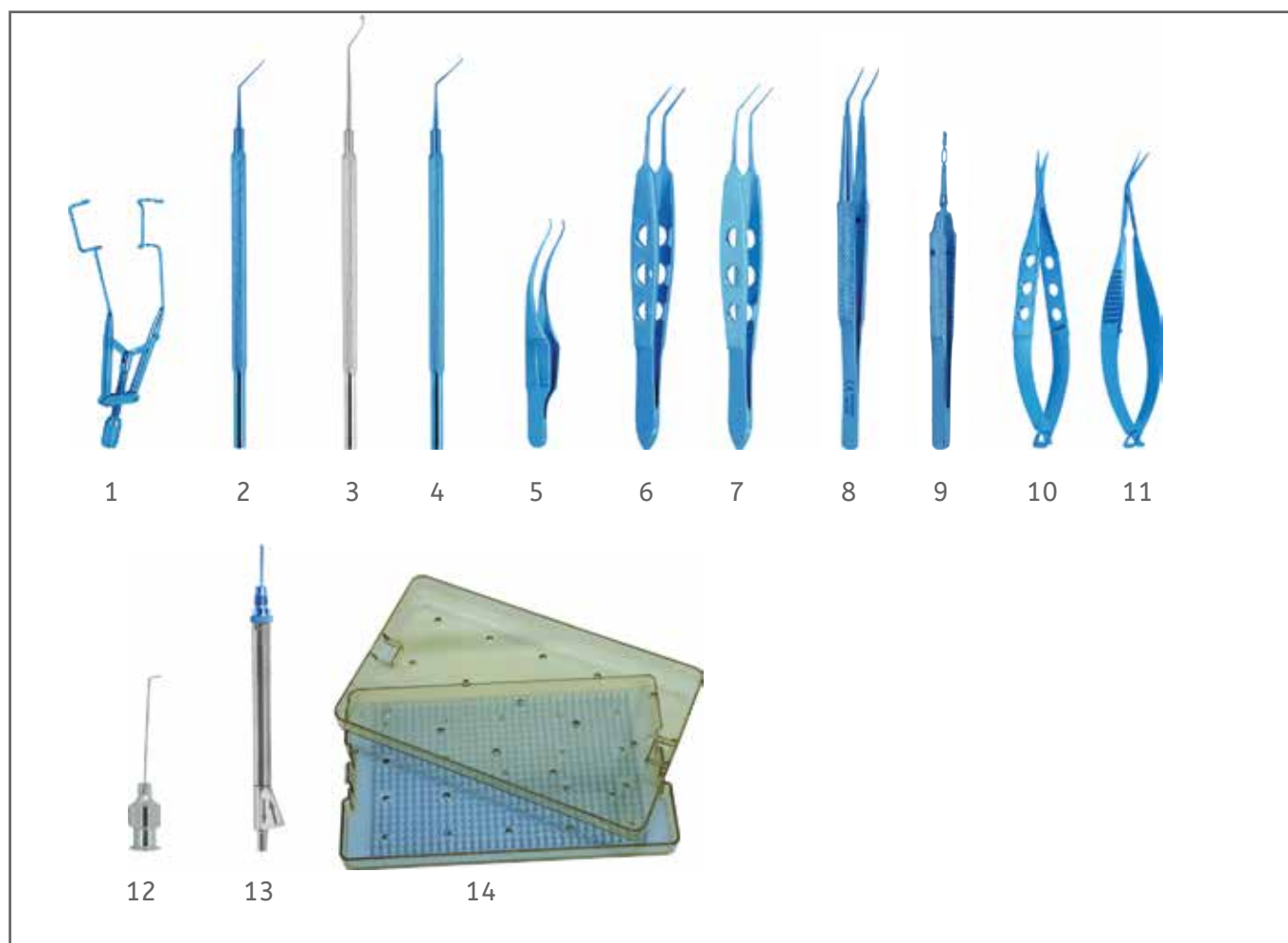
1. **AAT 5460** Bard-Parker handle #3 flat
2. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
3. **AAT 3300** Fixation forceps 1 x 2 teeth
4. **AAT 3790** Pherson tying forceps long handle
5. **AAT 5165** Barraquer needle holder very delicate jaws
6. **AAT 4510** Eye scissors straight 4 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



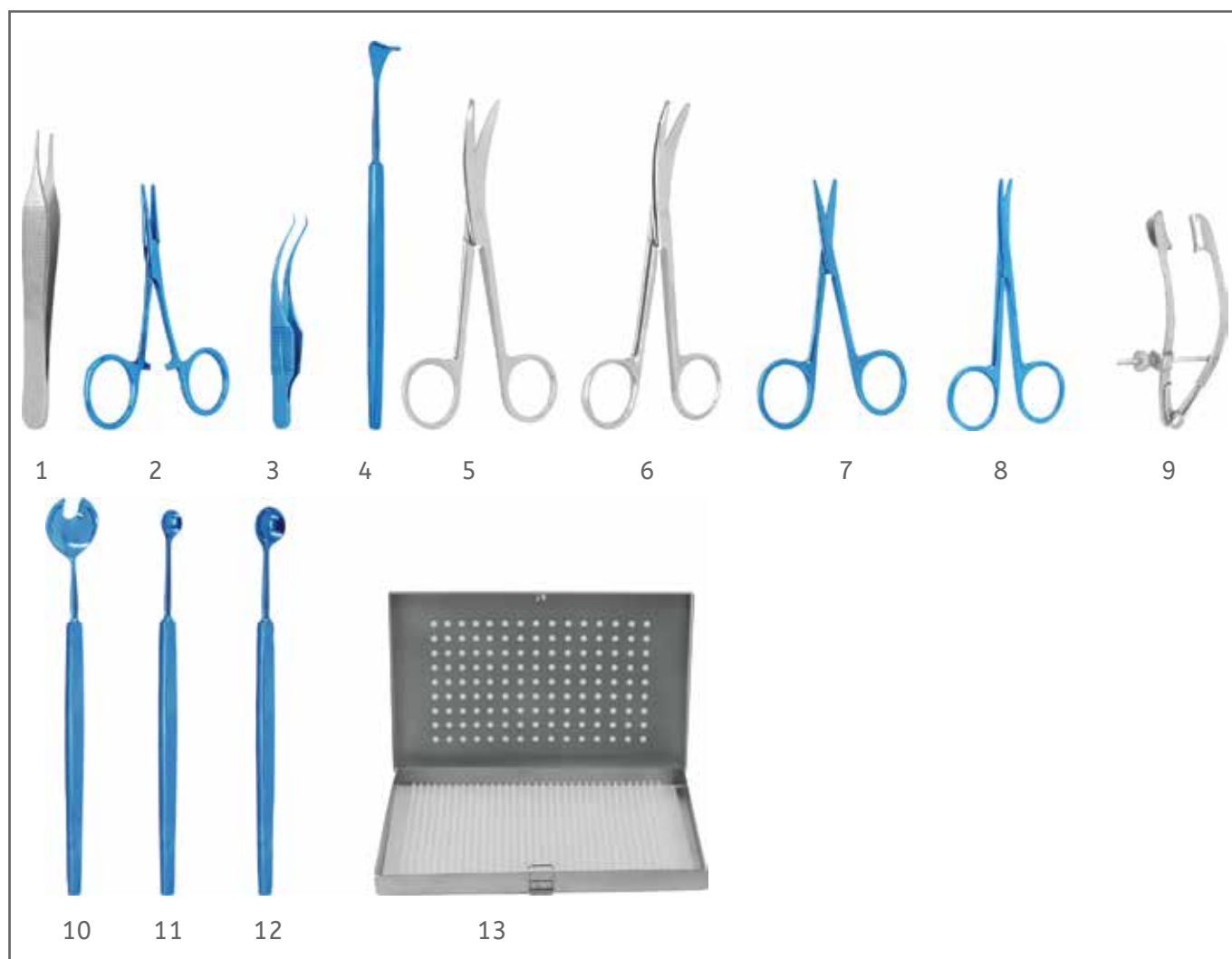
1. **AAT 2075** Castroviejo caliper 20mm spread, straight
2. **AA 2283** Capsulorhexis marker 6mm diameter marking ring
3. **AAT 3861** Utrata Capsulorhexis forceps tip length 11 mm 45°
4. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
5. **AAT 3180** Castroviejo suturing forceps 1 x 2 teeth, 0.12mm
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** Sinsky 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



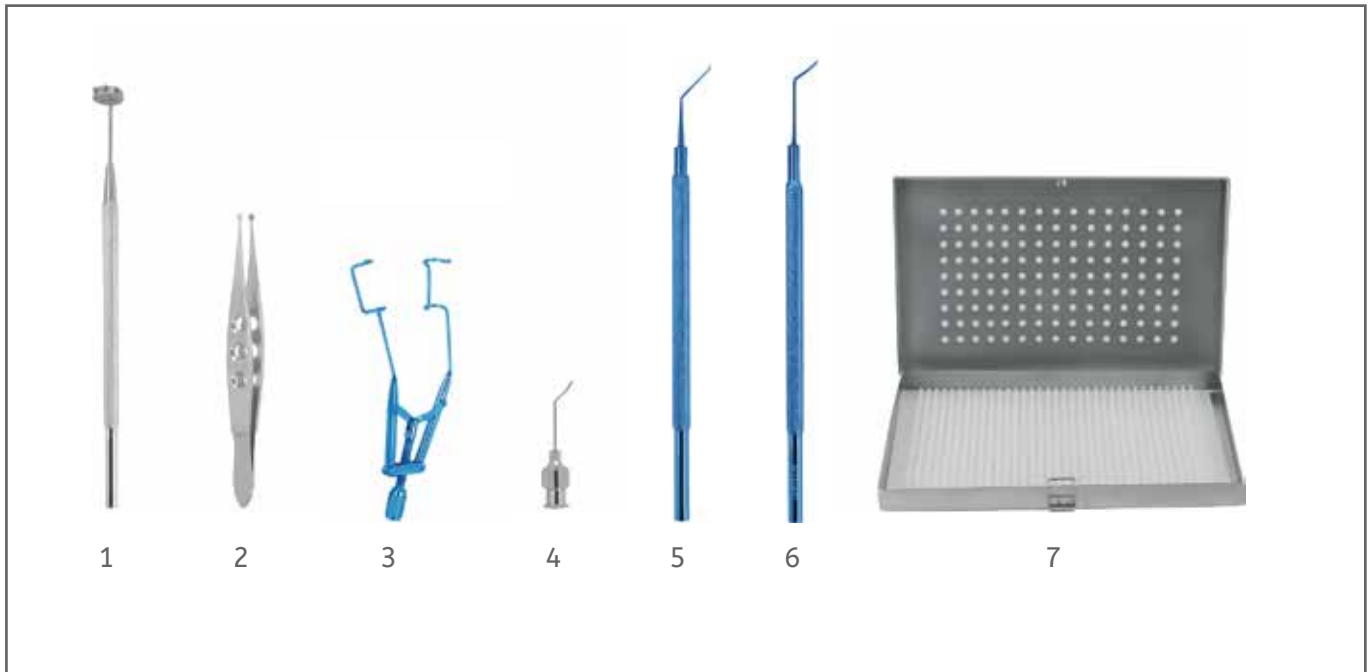
1. **AAT 1187** Lieberman - Tennant eye speculum solid, blades
2. **AAT 3925** Hartman mosquito forceps curved
3. **AAT 3950** Serrefine small straight
4. **AAT 1885** Mule evisceration scoop smal
5. **AAT 1886** Mule evisceration scoop large
6. **AAT 1825** Graefe muscle hook size 1
7. **AAT 1826** 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



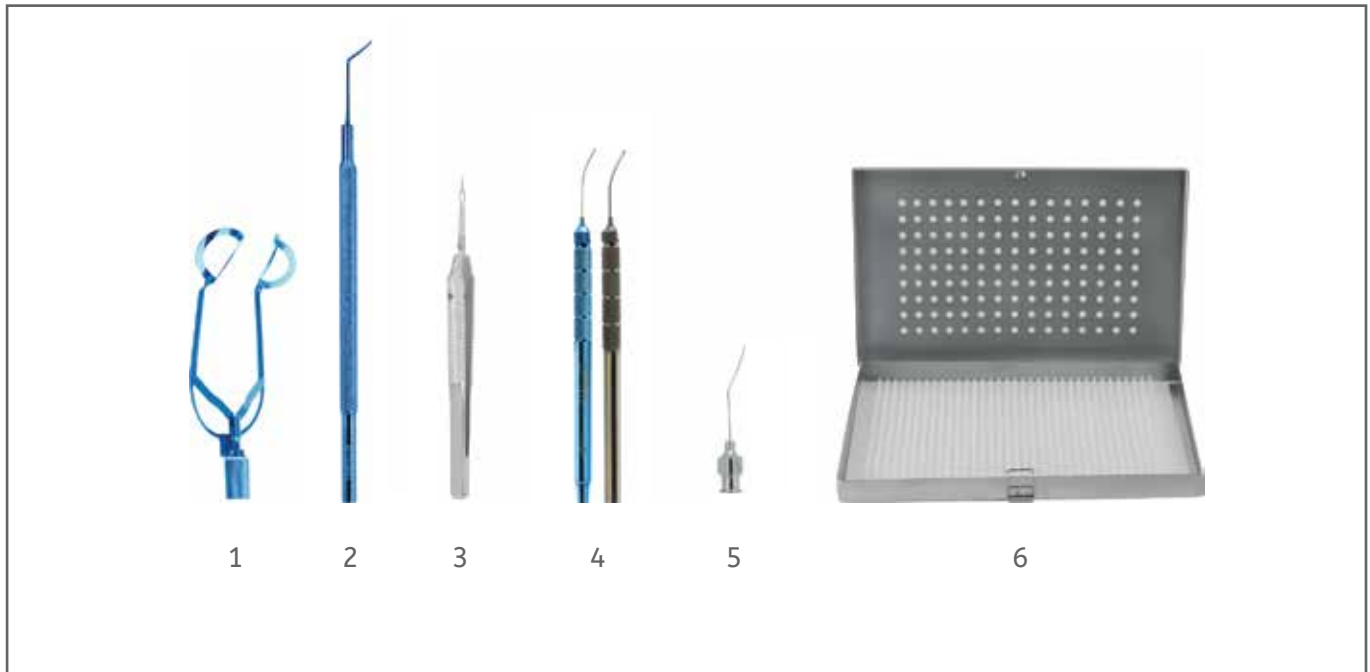
1. **AAT 1184** Lieberman temporal speculum
2. **AAT 1465** Sinskey II lens manipulating hook angled
3. **AA 1597A** Akahoshi nucleus ring sustainer
4. **AAT 1989B** Mohan Rajan micro combo chopper pointed tips 1.50mm
5. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
6. **AAT 3805** McPherson IOL forceps, 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



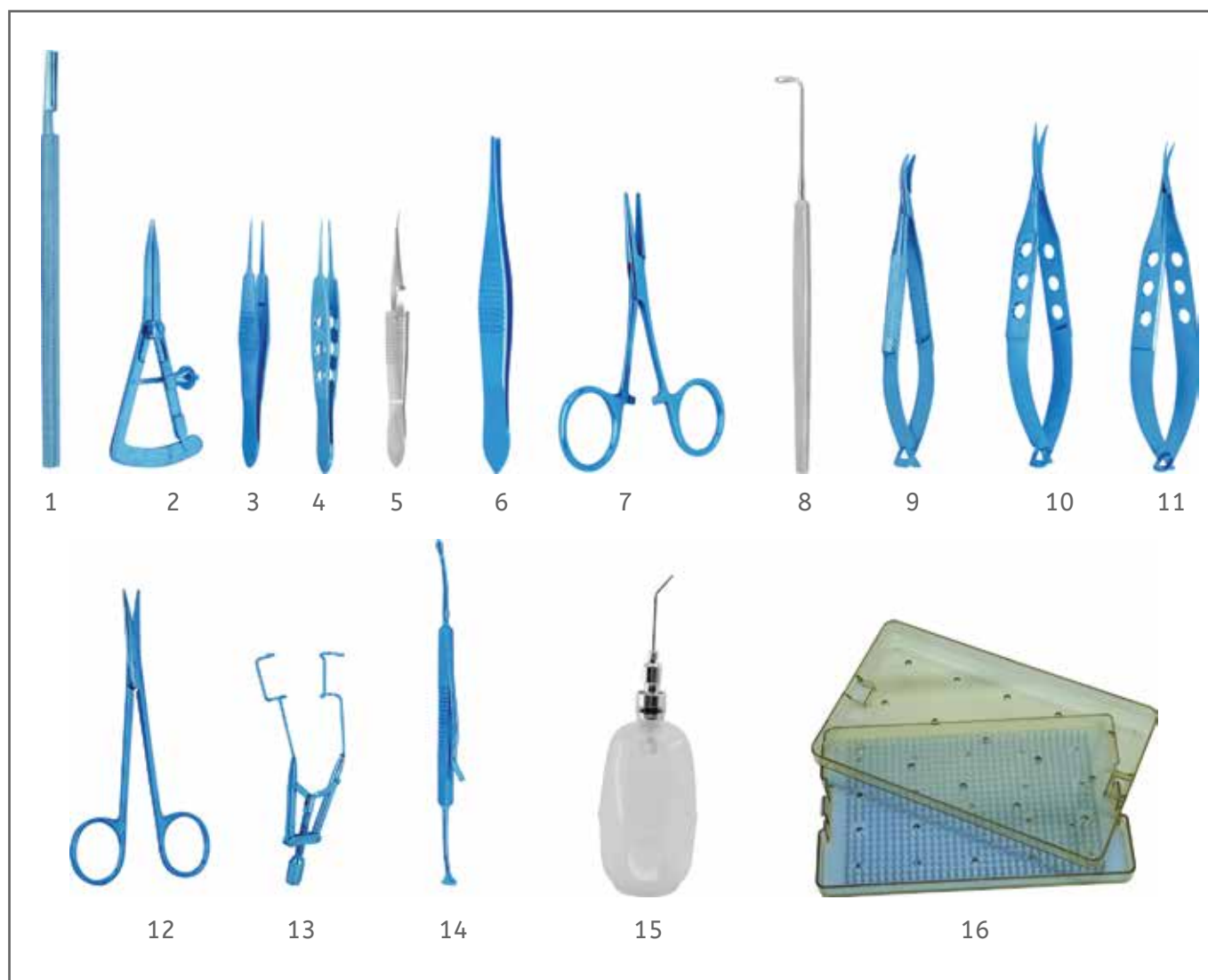
1. **AA 3301** Adson fixation forceps
2. **AAT 3920** Hartman mosquito forceps straight
3. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
4. **AAT 1261** Desmarres Lid retractor size 1-12mm width
5. **AA 4580** Enucleation scissors ring handle medium curve
6. **AA 4585** Enucleation scissors ring handle strong curve
7. **AAT 4550** Knapp strabismus scissors blunt tips ring handle straight
8. **AAT 4555** Knapp strabismus scissors blunt tips ring 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



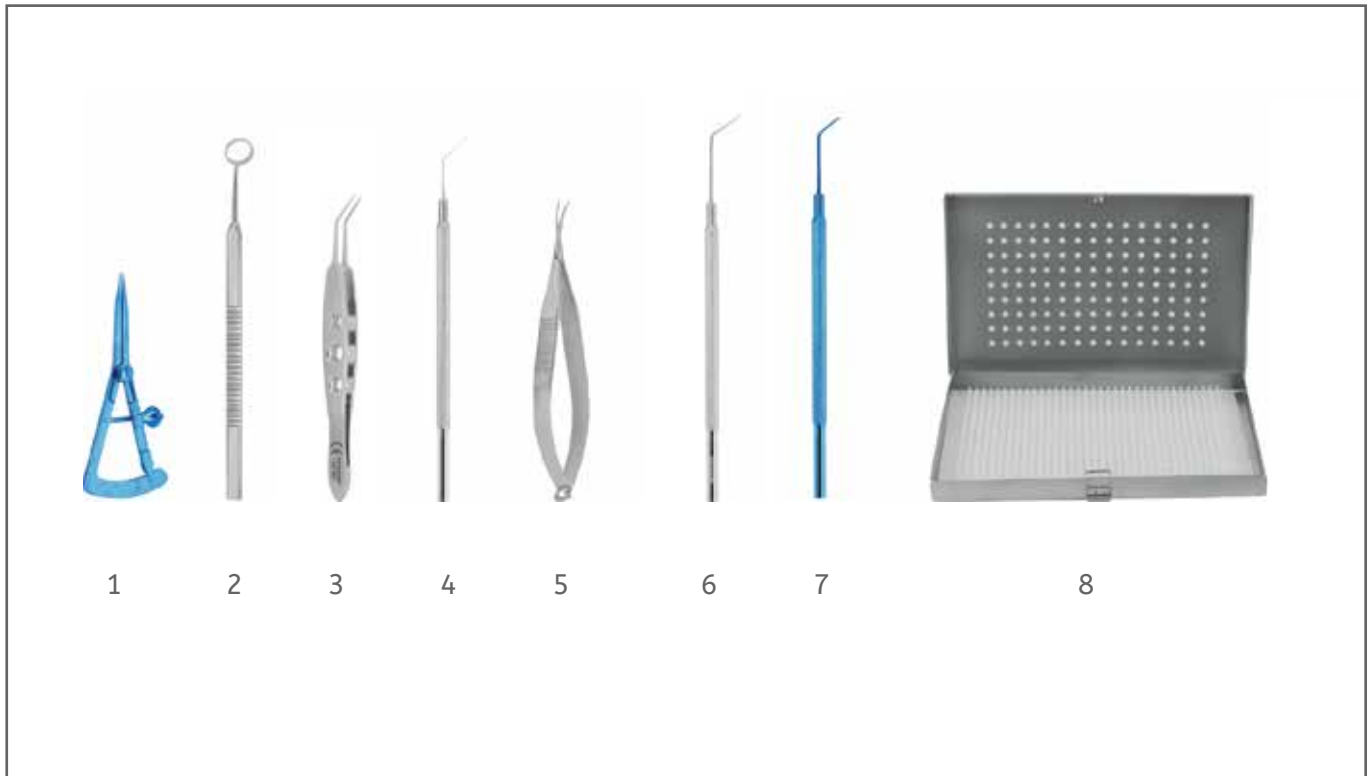
1. **AA 2182** Appa LASIK marker
2. **AA 3876** Buratto LASIK flap forceps
3. **AAT 1184** Lieberman temporal speculum
4. **AA 7885** Buratto LASIK cannula 23 G
5. **AAT 1465** Sinskey II lens manipulating hook angled
6. **AAT 1665** LASIK spatula for lifting and dissecting the corneal flap
7. **AA 8005**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



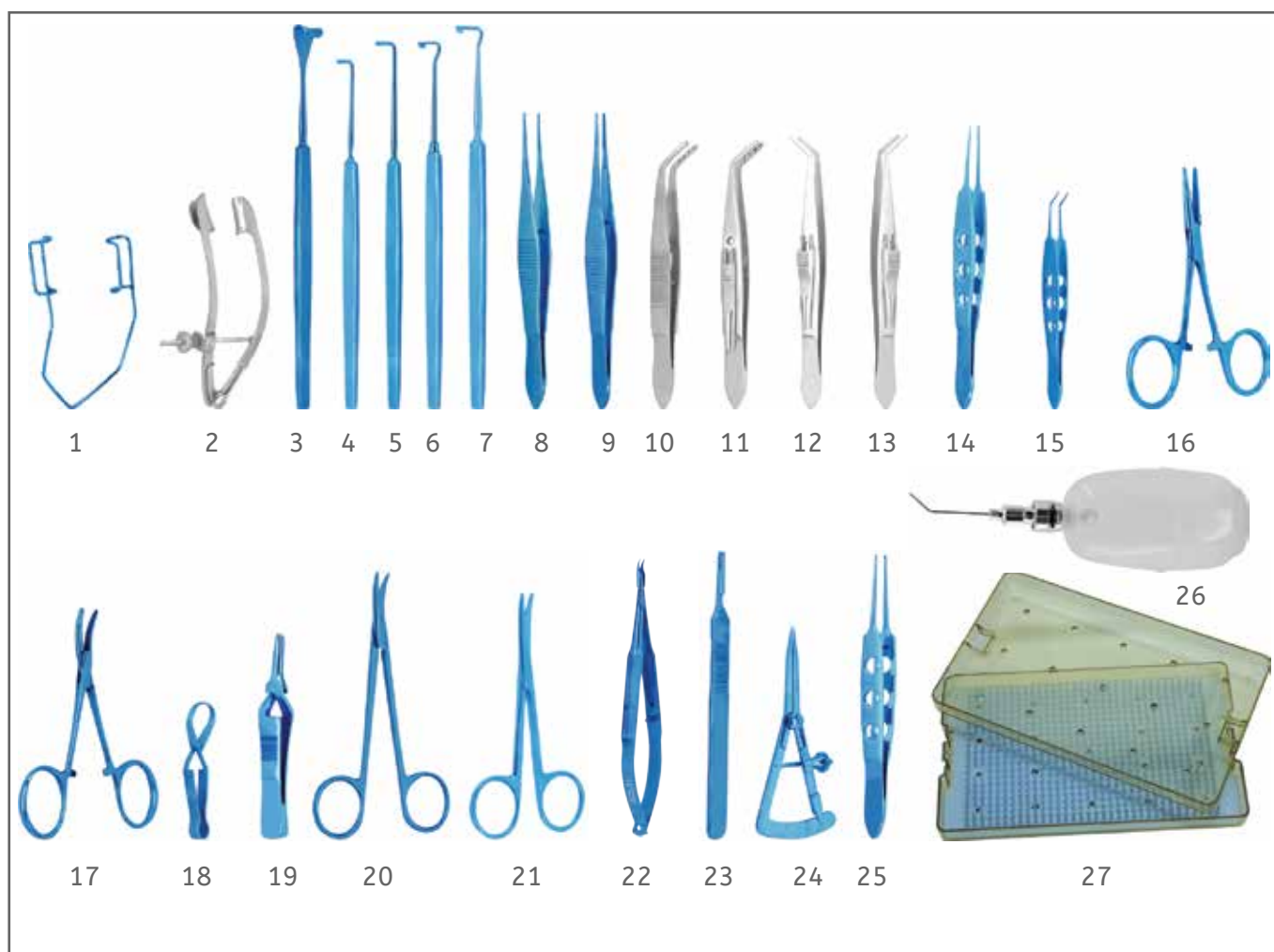
1. **AAT 1196** Jerome Bovert speculum reversible
2. **AAT 1665** LASIK spatula for lifting and dissecting the corneal flap
3. **AA 3907** Akahoshi nucleus splitter forceps
4. **AAT 7410/11** I/A Bimanual set sand blast tip
5. **AA 7861** Buratto LASIK cannula 23G
6. **AA 8005** Sterilization box with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



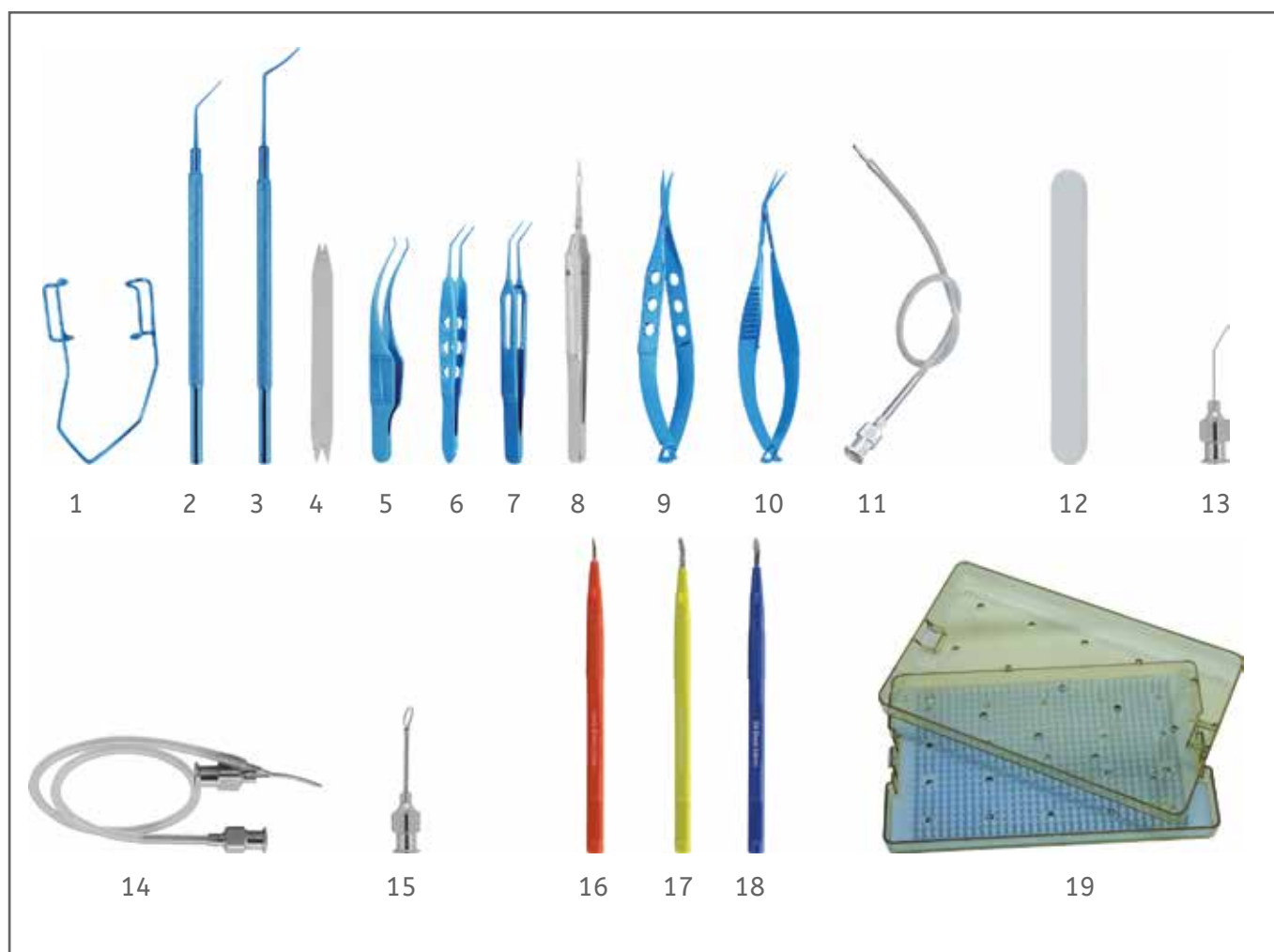
1. **AAT 2075** Castroviejo caliper 20mm spread straight
2. **AA 2203** Hoffer optic zone marker 8.00mm dia.
3. **AA 3671** Forceps for ICSR implant
4. **AA 2515** DSEK reverse sinskey hook
5. **AA 4110** Micro Iris scissors curved, pointed tipslarge blades
6. **AA 2555** DALK corneal dissector
7. **AAT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



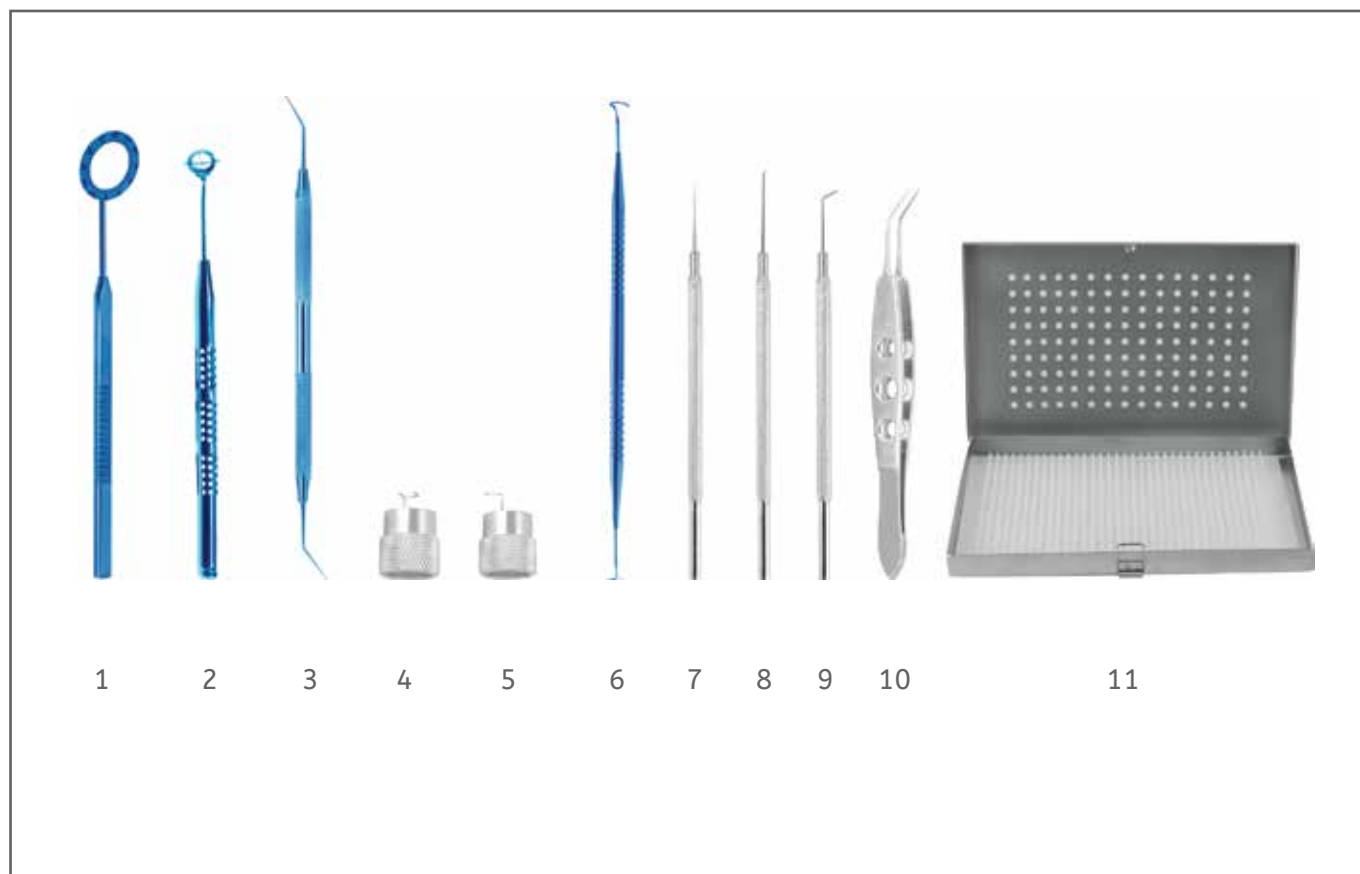
1. **AAT 1009** Barraquer wire speculum, large
2. **AA 1120** Lancaster eye speculum
3. **AAT 1260** Desmarres Lid retractor size 0
4. **AAT 1825** Graefe muscle hook size 1
5. **AAT 1826** Graefe muscle hook size 2
6. **AAT 1835** Jameson muscle hook small
7. **AAT 1837** Jameson muscle hook large
8. **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

AA - Stainless Steel, AAT - Titanium

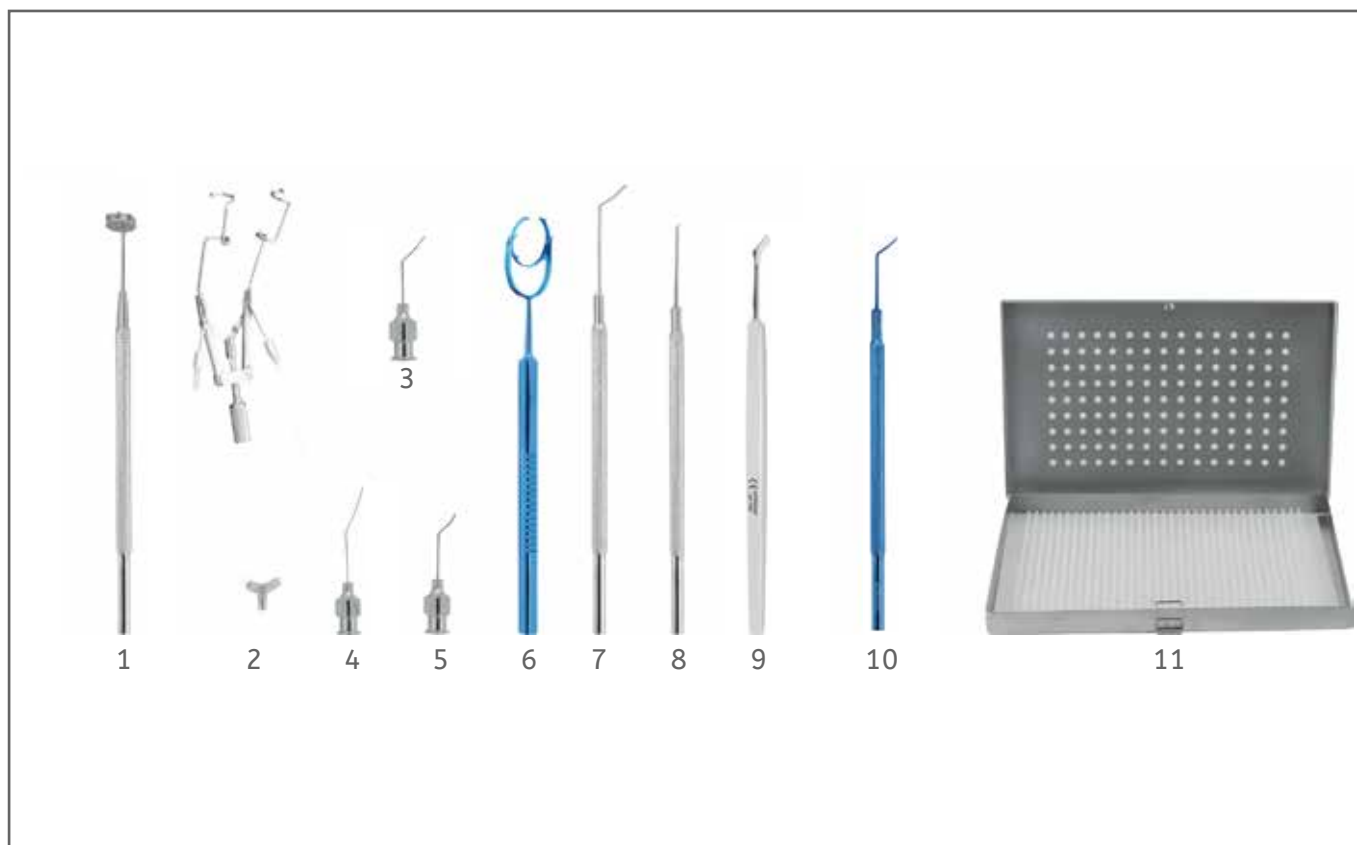
QUALITY | SERVICE | INTEGRITY



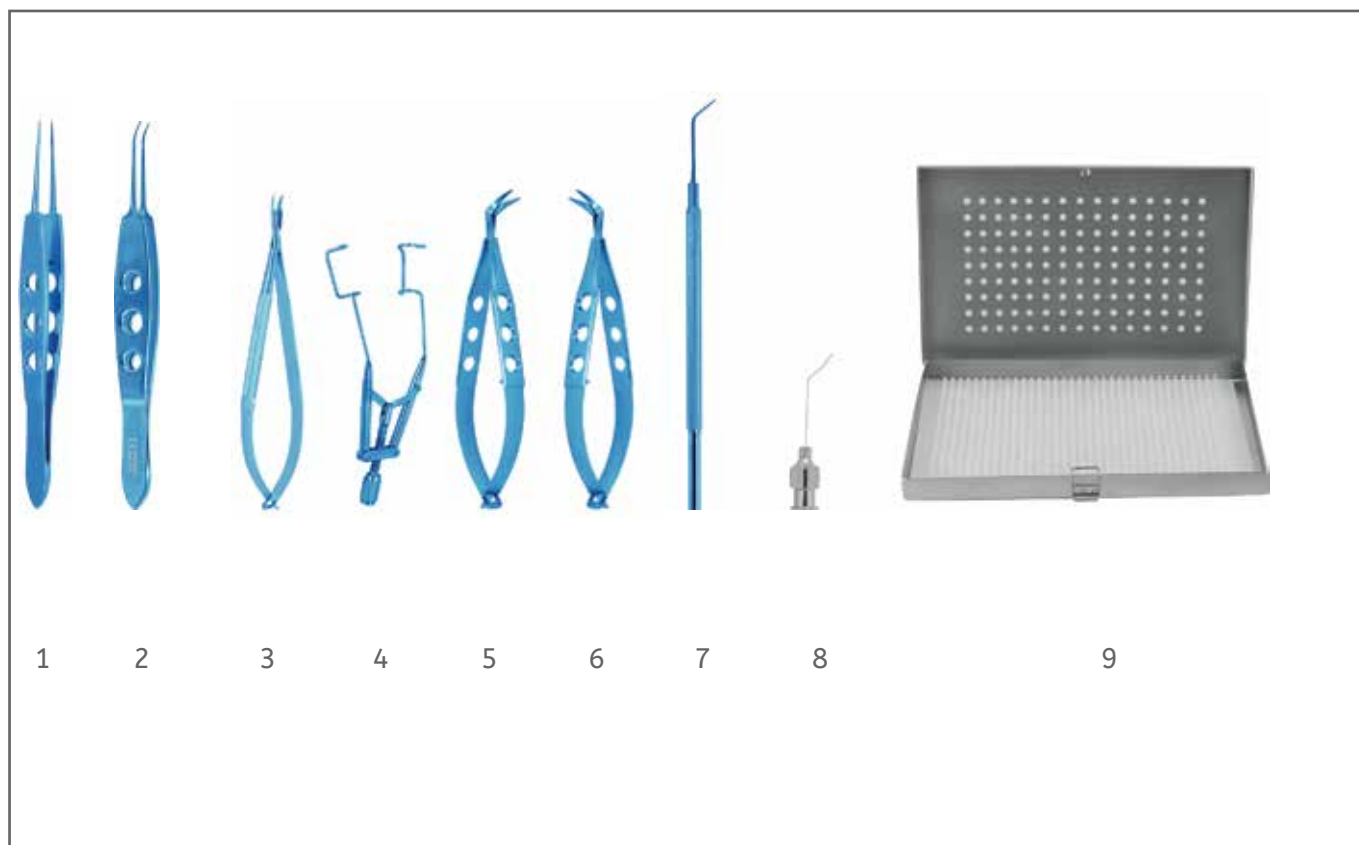
1. **AAT 1009** Barraquer wire speculum, large
2. **AAT 1465** Sinskey II lens manipulating hook angled
3. **AAT 1655** Barraquer Iris spatula, 0.25mm, angled
4. **AA 2087A** Appasamy fixed caliper double end size 3.0 & 5.20mm
5. **AAT 3030** Colibri forceps 1 x 2 teeth 0.12mm
6. **AAT 3805** McPherson 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



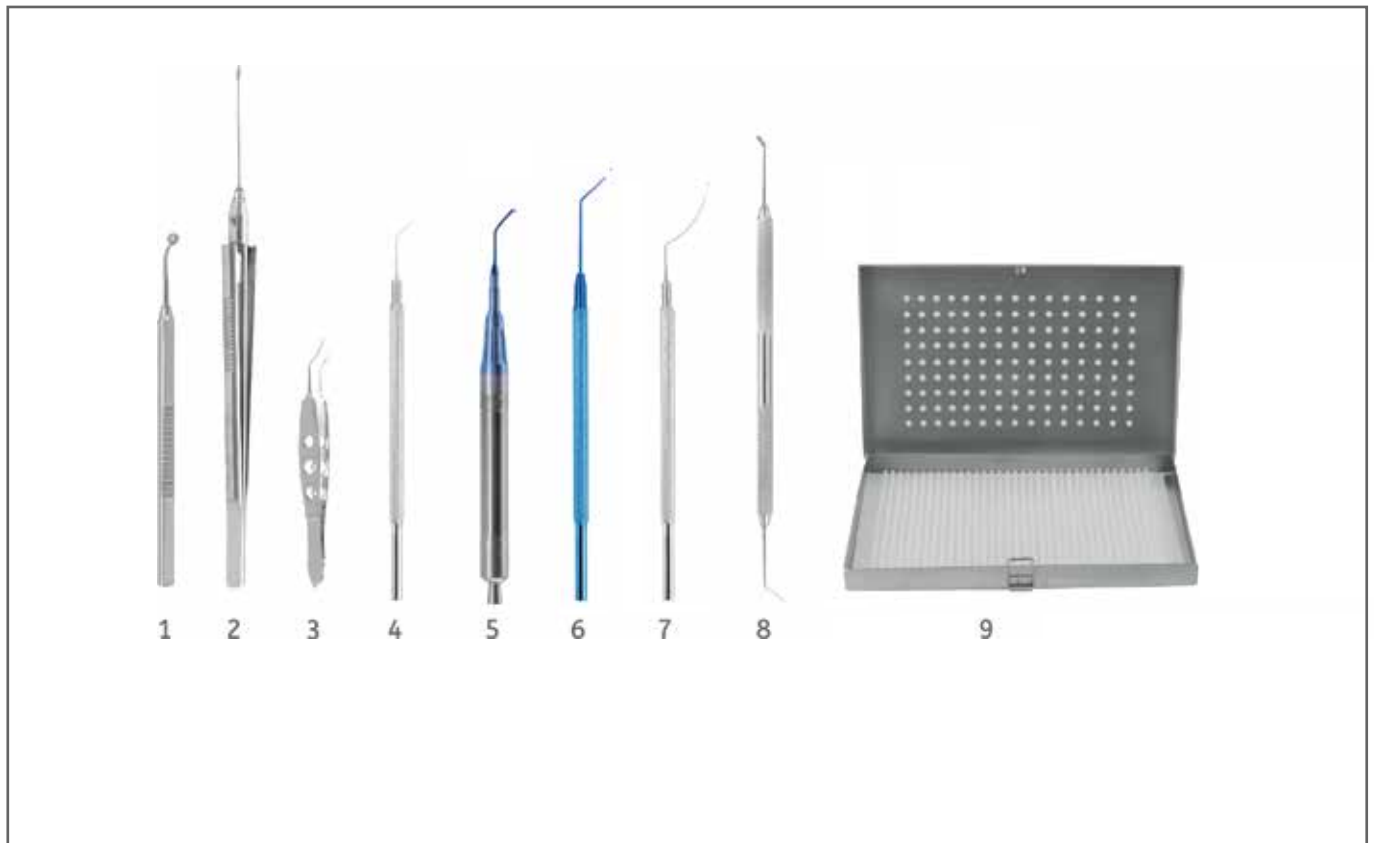
1. **AAT 2140** Mendez degree gauge
2. **AAT 2146** Tunnel zone marker
3. **AAT 2221** Optical zone marker double ended
4. **AA 2432** ICSR tunnel marker, left
5. **AA 2433** ICSR tunnel marker, right
6. **AAT 2434** ICSR tunnel maker double end small
7. **AA 2516** Elevator for ICSR implantation
8. **AA 2517** Suarez spreader
9. **AA 2518** Bicalto guide
10. **AA 3671** ICSR implantation forceps 1x1 teeth 0.2mm
11. **AA 8005** Sterilization box with silicone mat



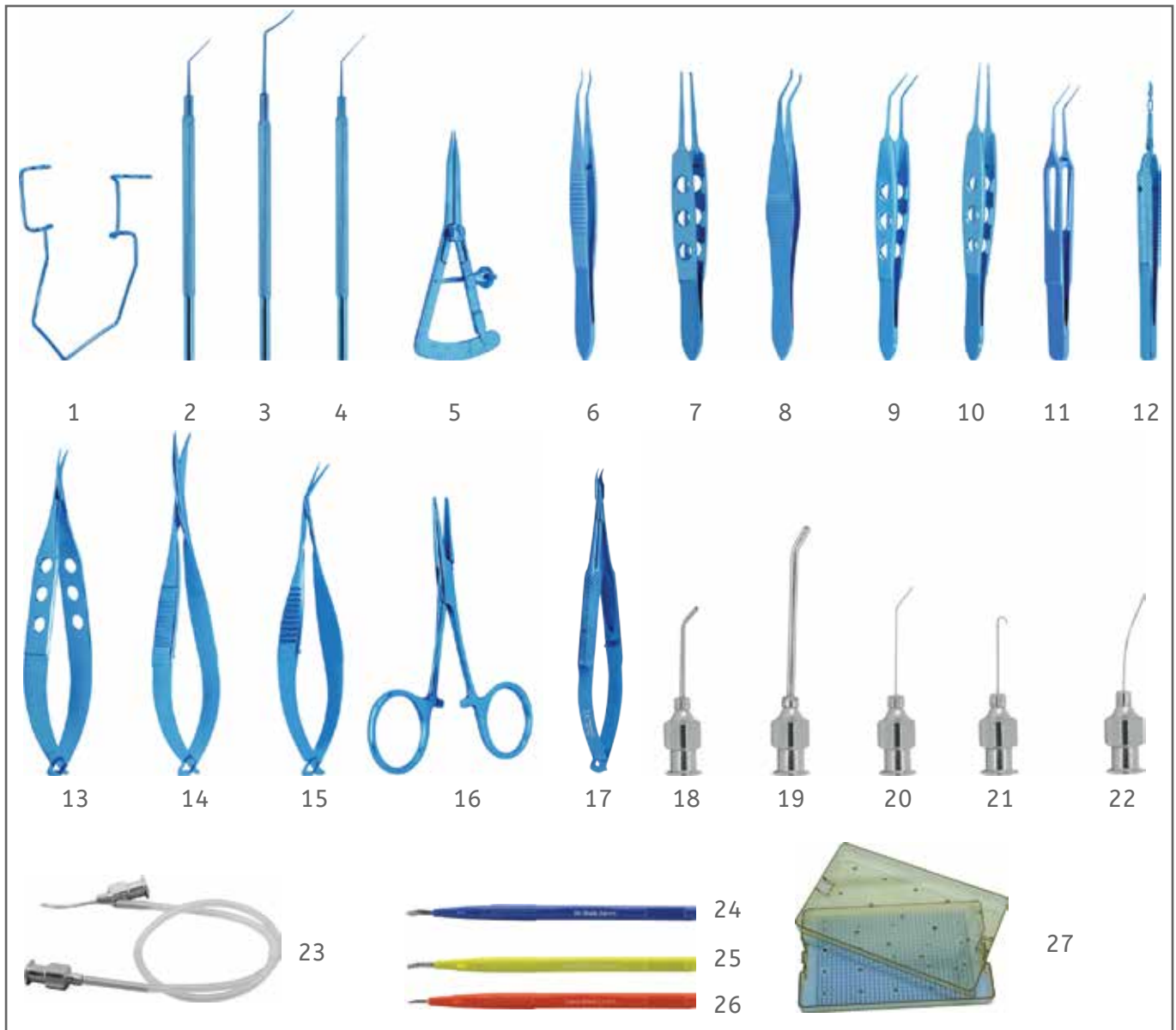
1. **AA 2182** Appa LASIK marker AA 3876 buratto LASIK flap forceps
2. **AA 1086** Lieberman irrigating speculum, temporal
3. **AA 7880** Banaji LASIK cannula (6 ports)
4. **AA 7861** Buratto LASIK cannula 23G
5. **AA 7885** Buratto LASIK cannula 23 G
6. **AAT 1817** Shepard fixation ring
7. **AA 1683** 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



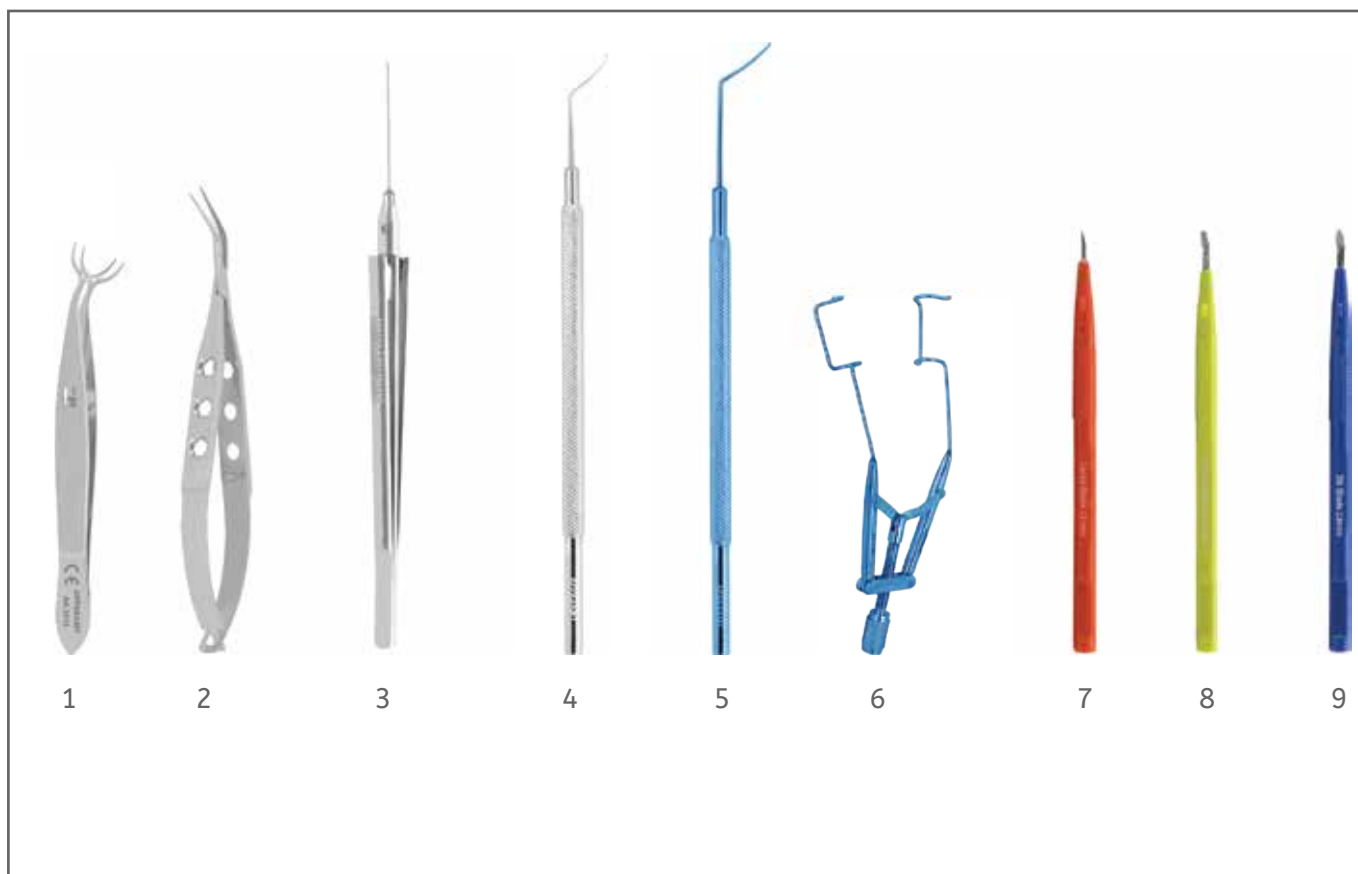
1. **AAT 3750** Jaffe tying forceps smooth jaws with 5mm long platform straight
2. **AAT 3755** Jaffe tying forceps smooth jaws with 5mm long platform curved
3. **AAT 5175** Barraquer needle holder micro without lock
4. **AAT 1184** Lieberman temporal speculum
5. **AAT 4020** Katzin corneal transplant 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



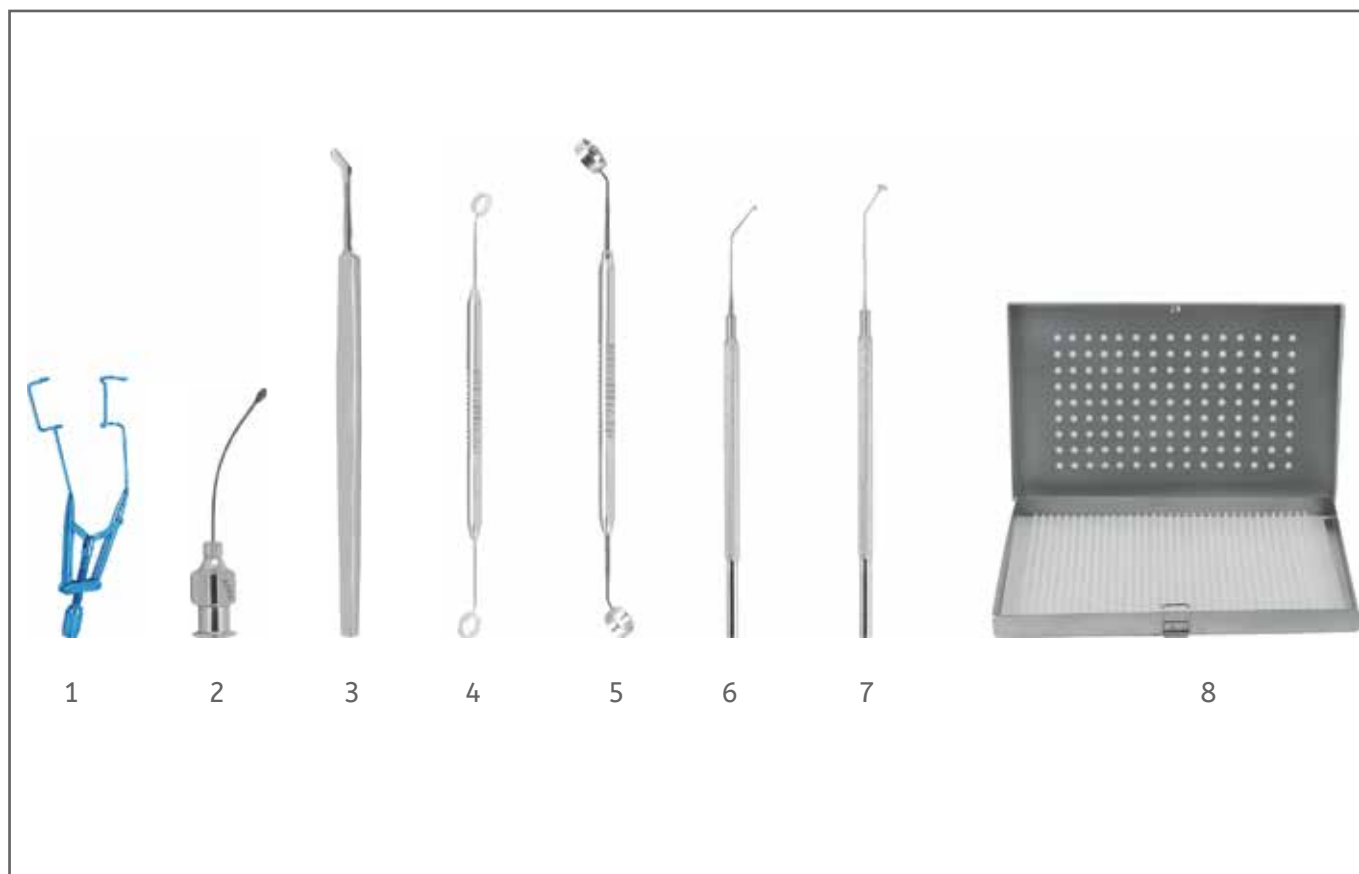
1. **AA 2230** Bores Optic zone marker
2. **AA 3990** Iridectomy forceps
3. **AA 3731** Donor lamellar inserting forceps
4. **AA 2515** Reverse Sinskey hook
5. **AAT 8325** Irrigating endothelial stripper 20 G tip set
6. **AAT 1625A** Appasamy plain rod 11mm angled
7. **AA 2505** DSAEK stromal scrubber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



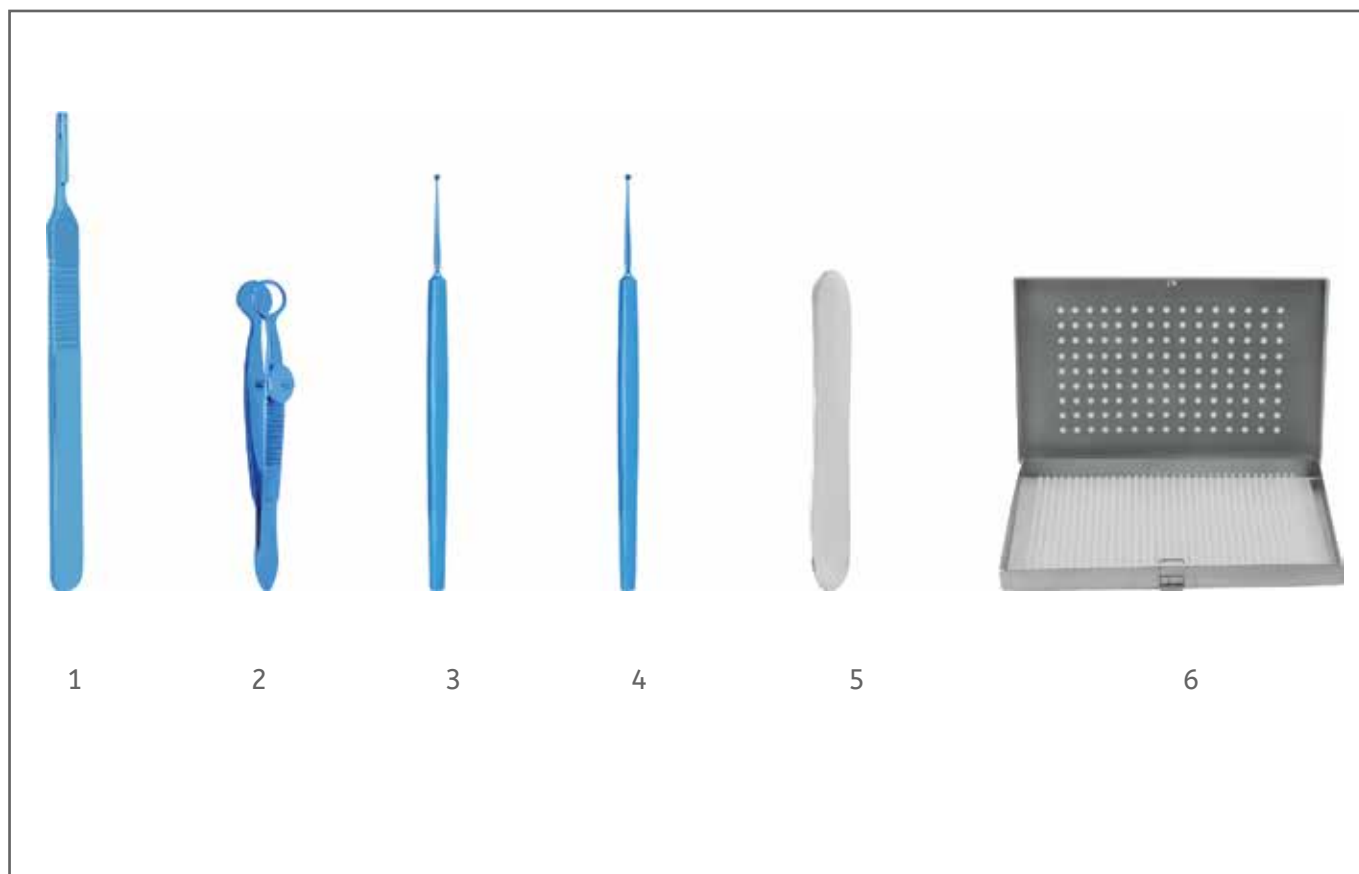
- | | |
|--|---|
| 1. AAT 1025 Kratz -Barraquer wire speculum, big | 14. AAT 4180 Westcott stitch scissors |
| 2. AAT 1465 Sinskey II lens manipulating hook angled | 15. AAT 4275 Vannas capsulotomy scissors angle forward 11mm |
| 3. AAT 1655 Barraquer IRIS spatula, 0.25mm, angled | 16. AAT 3920 Hartman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



1. **AA 3415** Kremer corneal fixation forceps, curved
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)



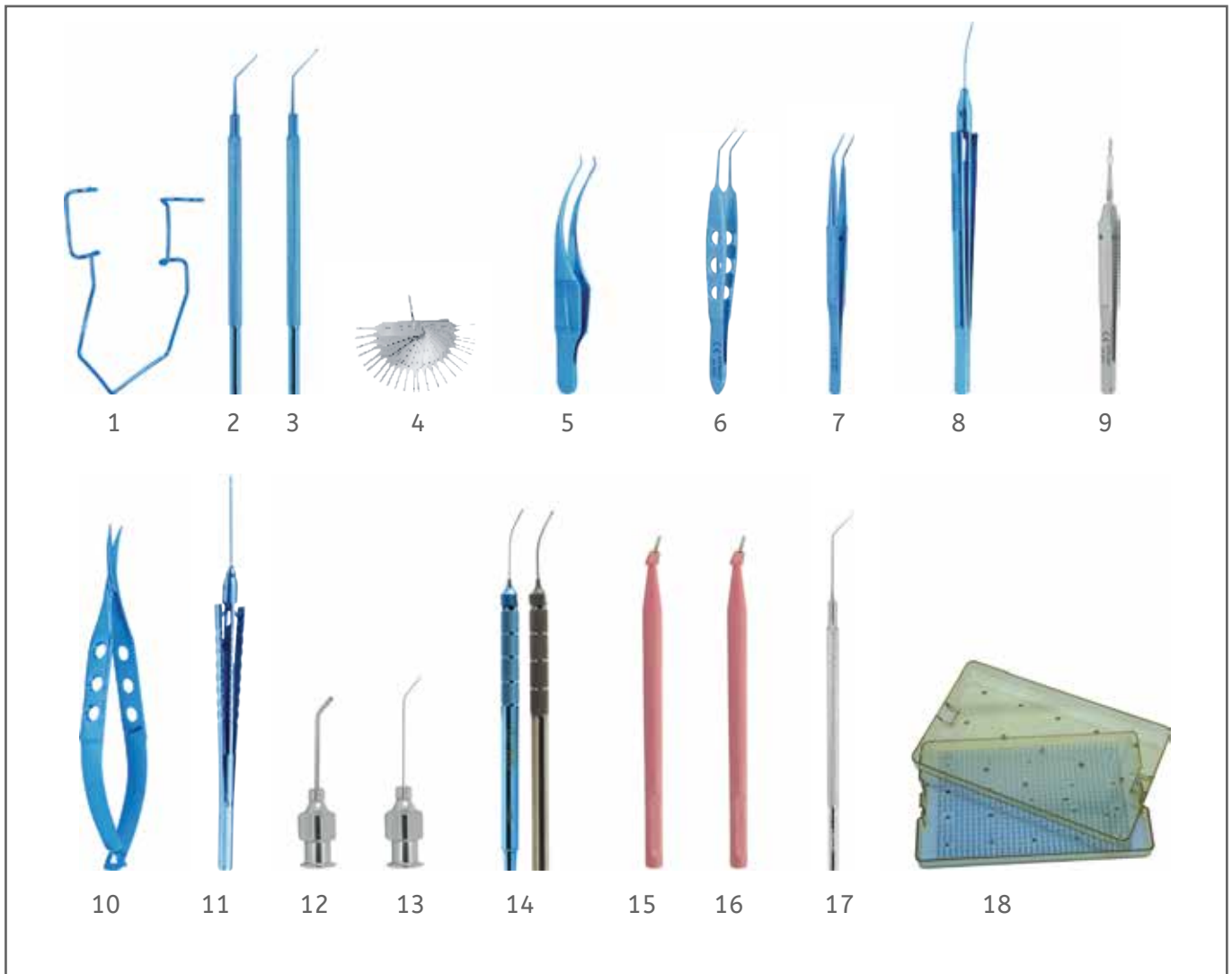
1. **AAT 1184** Lieberman temporal speculum
2. **AA 7605** Jensen capsule polisher sand blast olive tip, 23 G
3. **AA 1390** Paton corneal dissector
4. **AA 2430** LASEK trephine 8mm & 8.5mm
5. **AA 2425** LASEK alcohol well 8mm & 8.5mm
6. **AA 2405** LASEK epithelial detaching spatula
7. **AA 2410** 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** Sinsky 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 phacolit Knife, 1.4mm
16. **AA 572018** Ultra thin phacolit 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 INSTRUMENT DURING TRANSACTION FOR TRACEABILITY.

Ophthalmic Instruments Catalogue

More than
40 Years in
Ophthalmology

QUALITY | SERVICE | INTEGRITY

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Phone: (91-413) 2640307, 2640308

E-mail: tvk@appasamy.com **Website:** www.appasamy.com

Registered Head-Office & Marketed By:

Appasamy Associates Private Limited,
20, SBI Officers' Colony, First Street, Arumbakkam,
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Phone: (+91-44) 30101401, 30101405

E-mail: info@appasamy.com **Website:** www.appasamy.com