

# MAXIMUM

MAXIMUM QUALITY

MAXIMUM EFFICIENCY

MAXIMUM PRECISION



*American Eagle*  
INSTRUMENTS®

With the new range of surgical products from American Eagle Instruments®, the practitioner can easily choose from instruments to cover 80% of surgical procedures. All the major instruments have been included to enable an efficient surgical intervention.

The high-quality range, made with German craftsmanship, covers today's dental surgery requirements and covers instruments used for tooth extractions, bone grafting and periodontal surgery.

- **High-quality materials**
- **Optimised matt instrument finish - reducing disruptive light reflections (e.g. when using microscope)**
- **Ergonomic handles, with macro knurling for a secure grip and easy cleanability**

**Choose American Eagle Instruments as your reliable practice partner for a complete surgical solution. With our range and instrument knowledge we can create optimized sets for your surgery needs.**



# SCISSORS

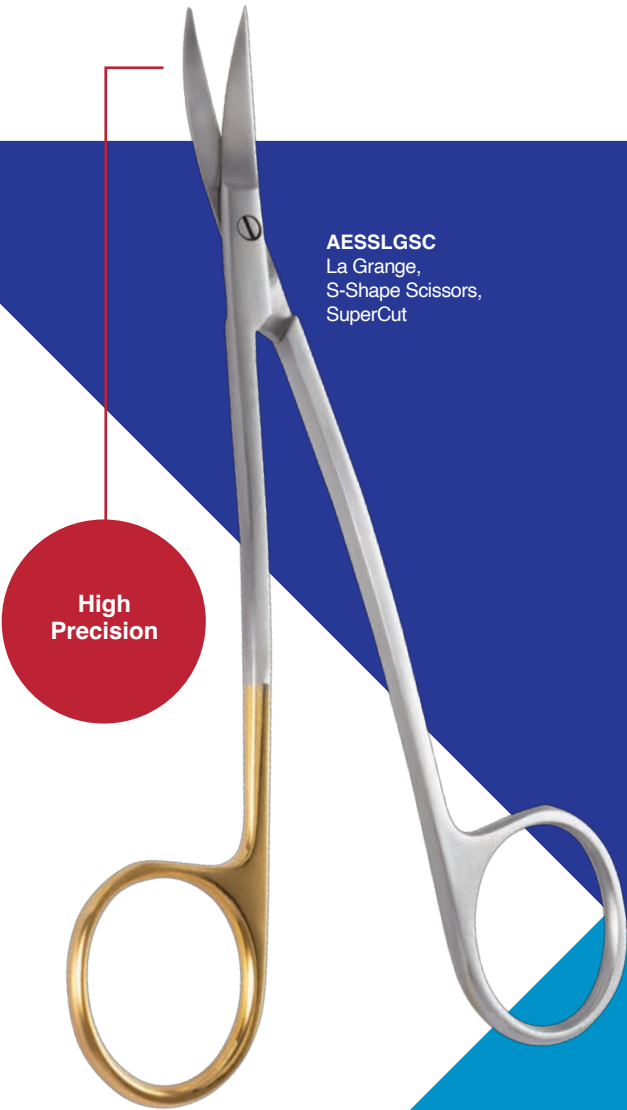
MAXIMUM

Our maximum precision scissors are manufactured to the highest level of surgical craftsmanship. Due to the careful handwork finish and the slightly flexible bearing of the joint, American Eagle scissors deliver precise incisions over the cutting surface along the length of the blade.

American Eagle cutting instruments are made from a special hardened steel to ensure stability and durability.

**SuperCut Scissors:** The special finish of the blades enables cuts that are as fine, clean and precise as with a scalpel. The opposite blade is micro-serrated and supports the secure hold of soft tissue and suture material. The razor-sharp SuperCut blade does not fray soft tissue and enables precise contouring.

|           |  |
|-----------|--|
| AESSIRS   | Iris Scissors, Straight, 11cm                          |
| AESSIRSSC | Iris Scissors, Straight, SuperCut, 11cm                |
| AESSIRC   | Iris Scissors, Curved, 11cm                            |
| AESSIRCSC | Iris Scissors, Curved, SuperCut, 11cm                  |
| AESSLGSC  | La-Grange, S-Shape Scissors, SuperCut, 11.5cm          |
| AESSGFCSC | Goldman-Fox Scissors, Curved, SuperCut, 13cm           |
| AESSGFSSC | Goldman-Fox Scissors, Straight, SuperCut, 13cm         |
| AESSUTS   | Spencer Suture Scissors, Straight, 12.5cm              |
| AESMETSSC | Metzenbaum Dissecting Scissors, Curved, SuperCut, 14cm |
| AESSUFSSC | Ultrafine Scissors, SuperCut                           |



**AESSLGSC**  
La Grange,  
S-Shape Scissors,  
SuperCut

High  
Precision

# PERIOSTEAL ELEVATORS

MAXIMUM

When selecting the Periosteal Elevators various clinical requirements were considered, for example the preparation of the mucoperiosteal flap, initial incision and papillae elevation. The cutting working ends are made of specially hardened surgical steel for durability and are available in various combinations.



**AESPPR3S**  
Prichard PR-3  
Elevator



Optimised Matt  
Instrument Finish



Ergonomic Handles  
with Macro Knurling

Ergonomic  
round handles  
for direct and  
controlled power  
transmission

|                 |                             |
|-----------------|-----------------------------|
| <b>AESPPR3S</b> | Periosteal Prichard PR-3    |
| <b>AESPGSP</b>  | Periosteal Glickmann 24     |
| <b>AESPGF14</b> | Periosteal Goldmann Fox 14  |
| <b>AESPP9PA</b> | Periosteal Allen P9         |
| <b>AESPW106</b> | Williger Elevator 160 x 6mm |

|               |                    |
|---------------|--------------------|
| <b>AESPBU</b> | Periosteal Buser   |
| <b>AESPM</b>  | Periosteal Molt 10 |

# CURETTES & SCALPEL BLADE HOLDER

MAXIMUM

The Lucas surgical curettes have extended working ends for good access to the extraction socket and are available in the three most common blade diameters.



**AESSCLU22**  
Lucas Surgical Curette

The round blade holder enables precise cutting and easy re-adjustment.

|                  |                               |
|------------------|-------------------------------|
| <b>AESSCLU22</b> | Lucas Surgical Curette, 2.5mm |
| <b>AESSCLU33</b> | Lucas Surgical Curette, 3.0mm |

|                  |                               |
|------------------|-------------------------------|
| <b>AESSCLU11</b> | Lucas Surgical Curette, 2.0mm |
| <b>AESSH5</b>    | Scalpel Blade Holder          |

# RETRACTORS

MAXIMUM

American Eagle retractors are made of surgical steel for optimal cleaning and preparation. The models with a retaining ring have been **specially modified for processing** in the appropriate American Eagle surgical cassettes. These can be processed together with the other instruments in the closed cassette.

|          |   |
|----------|---|
| AESRCW   | Cawood-Minnesota Retractor                    |
| AESRLAN1 | Langenbeck Cheek Retractor 1, 30 x 16 x 210mm |
| AESRLAN2 | Langenbeck Cheek Retractor 2, 40 x 11 x 210mm |
| AESRLAN3 | Langenbeck Cheek Retractor 3, 50 x 11 x 210mm |
| AESRMID1 | Middeldorpf Retractor 1, 14 x 17 x 210mm      |
| AESRMID2 | Middeldorpf Retractor 2, 20 x 22 x 210mm      |
| AESRVES  | Branemark Vestibulum Retractor                |
| AESRB    | Bishop Cheek Retractor                        |



Optimised Matt  
Instrument Finish

Fits in a  
surgical  
cassette

AESRLAN1  
Langenbeck  
Cheek Retractor 1

AESRCW  
Cawood-Minnesota  
Retractor

# TISSUE FORCEPS

MAXIMUM



The fine tips are manufactured to enable a secure grasp of soft tissue and to give precise hold of the suture.

Surgical variants with fine teeth as well as anatomical ones with knurling are available. A distinct variant is the **atraumatic DeBailey forceps**: the special serrations of the forceps' beak distribute the pressure over a large area, holding soft tissue securely and gently whilst ensuring a secure hold.

|            |   |
|------------|---|
| AESSTS     | Tissue Forceps, Narrow, Straight, 14.5cm                    |
| AESSTADS   | Tissue Forceps Adson, Straight, 12cm                        |
| AESSTSEMS  | Tissue Forceps Semken, Straight, 15cm                       |
| AESSTSEMC  | Tissue Forceps Semken, Curved 15cm                          |
| AESSTADTS  | Surgical Tissue Forceps Adson, 1x2 Teeth, 1.2mm, 15cm       |
| AESSTSEMTS | Surgical Tissue Forceps Semken, 1x2 Teeth, Straight, 15cm   |
| AESSTSEMTC | Surgical Tissue Forceps Semken, 1x2 Teeth, Curved, 15cm     |
| AESSTDBS   | Tissue Forceps De Bailey, Anatomical, Straight, 1.5mm, 15cm |

# HEMOSTATS

MAXIMUM

The finely crafted clamps have a particularly precise instrument closure. This ensures that the fine serrations on the working ends close properly to stop bleeding and minimise tissue trauma.

|                |  |
|----------------|--|
| <b>AESCHMS</b> | Halsted-Mosquito Haemostatic Forceps, Straight, 14cm |
| <b>AESCHMC</b> | Halsted-Mosquito Haemostatic Forceps, Angled, 14cm   |
| <b>AESCMMS</b> | Micro Mosquito Haemostatic Forceps, Straight, 12cm   |
| <b>AESCMOC</b> | Micro Mosquito Haemostatic Forceps, Angled, 12cm     |



**AESCHMS**  
Halsted-Mosquito  
Haemostatic Forceps

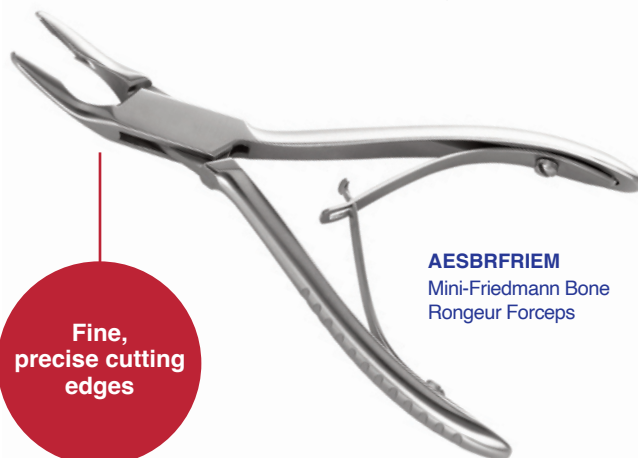
Minimise  
tissue  
trauma

# RONGEURS

MAXIMUM

Fine, precise cutting edges enable the rongeurs to be used precisely and smoothly. A standard version as well as a particularly fine variant are available depending on the clinical indication. For example, bones can be contoured, but fine bone chips can also be carved out of a block.

|                   |                                     |
|-------------------|-------------------------------------|
| <b>AESBRFRIE</b>  | Friedmann Bone Rongeur Forceps      |
| <b>AESBRFRIEM</b> | Mini-Friedmann Bone Rongeur Forceps |



**AESBRFRIEM**  
Mini-Friedmann Bone  
Rongeur Forceps

Fine,  
precise cutting  
edges

# BONE SCRAPER CHISELS

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**AESBS1**  
Bone Scraper  
Chisel #1

**Rounded  
side edge**

For obtaining autologous bone material.

In the regenerative treatment of alveolar ridge defects or during implantation, autologous bone chips can be used alone or in conjunction with bone replacement materials.

Compared to time-consuming separate bone harvesting, surgical time is saved. The special curvature of the working ends of the bone graft chisels #1 and #2 offers maximum efficiency and a good view of the donor site. They also protect the surrounding soft tissue with their rounded side edges. A second option is the Back Action Chisel which enables finest contouring.

The particularly sharp, hardened blades can be used many times and can even be sharpened if necessary.

|                |                           |
|----------------|---------------------------|
| <b>AESBS1</b>  | Bone Scraper Chisel # 1   |
| <b>AESBS2</b>  | Bone Scraper Chisel # 2   |
| <b>AESRCBA</b> | Rhodes Back Action Chisel |



**Optimised Matt  
Instrument Finish**



**Ergonomic Handles  
with Macro Knurling**



# NEEDLE HOLDERS

MAXIMUM

Modern surgical needles are particularly hard which places increased demands on the resilience of the instruments. American Eagle needle holders are reinforced with Tungsten Carbide inserts. This sintered material shows only minimal wear and tear and withstands all common types of reprocessing. The inserts are finely serrated to correctly and precisely align and securely hold/fix the needles.

**No sharp edges:** especially on the hinge and on the sides

The thread can slide unhindered over the instrument - this reliably prevents the risk of accidental detachment during the suture itself or when knotting.

|          |   |
|----------|---|
| AESNHMH2 | Needle Holder Mayo Hegar, TC, 16cm        |
| AESNHMH3 | Needle Holder Mayo Hegar, TC, 18cm        |
| AESNHLR  | Needle Holder Lichtenberg Ryder, TC, 17cm |
| AESNHDB  | Needle Holder De Bakey, Macro TC          |
| AESNHSWE | Swedish Needle Holder, Micro, TC          |
| AESNHBA  | Needle Holder Macro/Micro, TC, 18cm       |

Carbide Inserts

**AESNHBA**  
Needle Holder  
Macro/Micro,  
TC, 18cm





**AESPT4**  
Periotome  
1.8mm, Straight  
and Curved

The periotomes were developed for the gentlest possible extraction, especially before planned implantation. Before using dental forceps or root elevators, the periodontal ligament can be separated with periotomes in as atraumatic a manner as possible.

The very fine working ends are designed to be able to penetrate deep into the periodontal gap. The hardened, fine and slightly flexible instrument blades follow the root structure and separate the fibres of the periodontium. The instruments were designed with a pencil- like grip for maximum control. They enable direct and controlled power transmission and the surrounding bone structures are protected as much as possible.

|               |                                      |
|---------------|--------------------------------------|
| <b>AESPT4</b> | Periotome 1.8mm, Straight and Curved |
| <b>AESPT5</b> | Periotome 2.5mm, Straight and Curved |
| <b>AESPT6</b> | Periotome 1.8mm and 2.5mm, Curved    |

# ROOT ELEVATORS

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American Eagle root elevators were developed for the gentlest possible extraction. The **PerioLUX** instruments were designed for axial use using a pencil-like grip which enables direct and controlled power transmission for maximum control. The surrounding bone structures can be protected as much as possible and tooth / root fractures can be avoided. The handles are ergonomically shaped which ensures direct feedback.

**PerioLUX instruments are not suitable for levering!**

|         |                 |
|---------|-----------------|
| AESPLXD | PerioLUX Distal |
| AESPLXM | PerioLUX Mesial |



Optimised Matt  
Instrument Finish



Ergonomic Handles  
with Macro Knurling

Axial  
movement  
around the  
tooth

AESPLXD  
PerioLUX Distal



# ROOT ELEVATORS

MAXIMUM

American Eagle **LiftaLUX** elevators have been developed for gentle extraction.

The careful use of a delicate elevator helps to master and overcome the forces that fix the tooth in the best possible way. The fine instrument tips should be applied axially with controlled pressure, preferably around the entire tooth, to evenly expand the socket. The ergonomic handles sit well in the hand and enable controlled power transmission.

**LiftaLUX instruments are not suitable for levering!**



Optimised Matt Instrument Finish



Ergonomic Handles with Macro Knurling



**AESREC3**  
LiftaLUX  
Elevator 3mm,  
Curved



**AESRETS3**  
TwistaLUX  
Elevator 3mm,  
Straight

**TwistaLUX** instruments are suitable for increased force and levering/torque extraction. The working ends are more robust/reinforced.

|                |                                 |
|----------------|---------------------------------|
| <b>AESRES3</b> | LiftaLUX Elevator 3mm, Straight |
| <b>AESRES4</b> | LiftaLUX Elevator 4mm, Straight |
| <b>AESREC3</b> | LiftaLUX Elevator 3mm, Curved   |
| <b>AESREC4</b> | LiftaLUX Elevator 4mm, Curved   |

|                 |                                  |
|-----------------|----------------------------------|
| <b>AESRETS3</b> | TwistaLUX Elevator 3mm, Straight |
| <b>AESRETS4</b> | TwistaLUX Elevator 4mm, Straight |
| <b>AESRETC3</b> | TwistaLUX Elevator 3mm, Curved   |
| <b>AESRETC4</b> | TwistaLUX Elevator 4mm, Curved   |

# ROOT TIP ELEVATORS

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Removes  
the smallest  
root  
fragments

The Root Tip Elevator removes the smallest root fragments.

The instrument tips are hardened and lengthened for better/deeper access to the socket. They are manufactured with an ergonomic handle for controlled power transmission

|            |   |
|------------|---|
| AESREHEID1 | Heidbrink Root Tip Elevator #1 - Fine   |
| AESREHEID2 | Heidbrink Root Tip Elevator #2 - Medium |
| AESREHEID3 | Heidbrink Root Tip Elevator #3 - Strong |

**AESREHEID1**  
Heidbrink Root Tip  
Elevator #1 - Fine



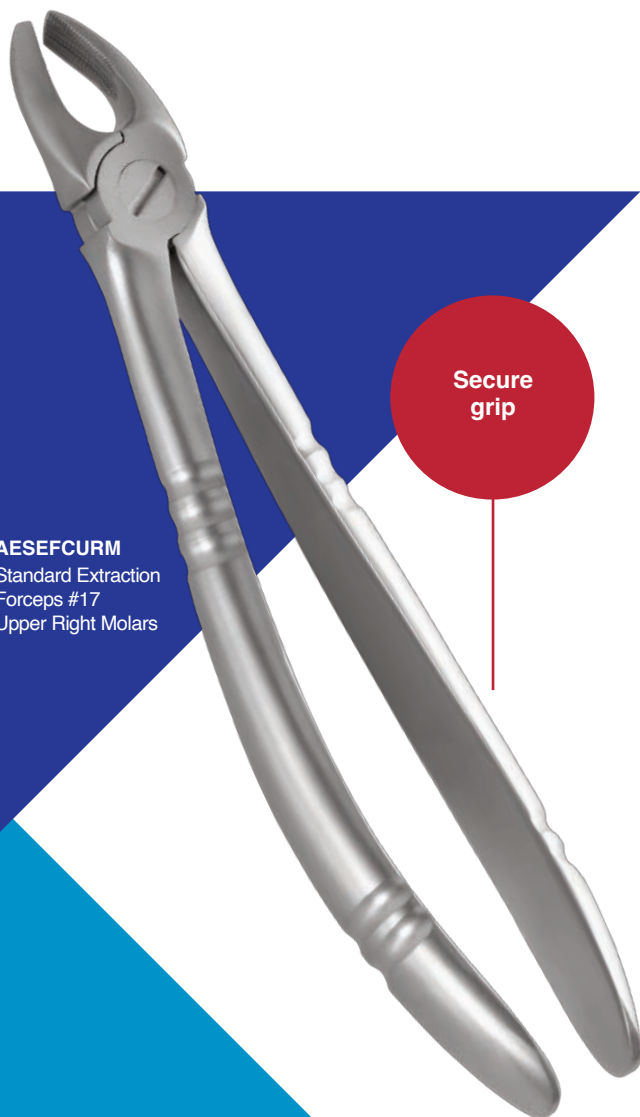
Optimised Matt  
Instrument Finish



Ergonomic Handles  
with Macro Knurling

# EXTRACTION FORCEPS

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**AESEFCURM**  
Standard Extraction  
Forceps #17  
Upper Right Molars

Secure  
grip

The anatomically shaped beak of the standard extraction forceps is designed with an adhesive profile for a secure grip - they are smooth-running and can be used with little effort. A Teflon disc in the instrument connection maintains ease of movement and prevents corrosion.

|                  |   |
|------------------|---|
| <b>AESEFSET</b>  | Standard Extraction Forceps Set   |
| <b>AESEFCUI</b>  | Standard Extraction Forceps #2<br>Upper Incisors and Canines                          |
| <b>AESEFCUP</b>  | Standard Extraction Forceps #7<br>Upper Premolars                                     |
| <b>AESEFCLI</b>  | Standard Extraction Forceps #13<br>Lower Incisors, Canines and Premolars              |
| <b>AESEFCURM</b> | Standard Extraction Forceps #17<br>Upper Right Molars                                 |
| <b>AESEFCULM</b> | Standard Extraction Forceps #18<br>Upper Left Molars                                  |
| <b>AESEFCLM</b>  | Standard Extraction Forceps #22<br>Lower Molars                                       |
| <b>AESEFCLR</b>  | Standard Extraction Forceps #33<br>Lower Roots  |
| <b>AESEFCUR</b>  | Standard Extraction forceps #51A<br>Upper Roots                                       |
| <b>AESEFCU3M</b> | Extracting Forceps #67A with Non-Slip Profile<br>for Upper Wisdom Teeth on both sides |
| <b>AESEFCL3M</b> | Extracting Forceps #79 with Non-Slip Profile<br>for Lower Wisdom Teeth on both sides  |

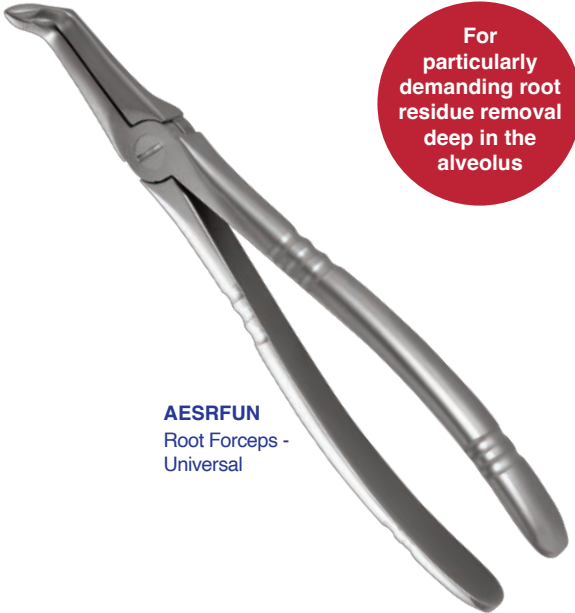


**AESEFUI**  
Deep Grip  
Upper Incisor  
Extraction Forceps

### Deep Grip

Deep-reaching extraction forceps with a slightly sharpened forcep beak that is elongated and tapered towards the tip. They allow subgingival placement and distribute the pressure over a larger area of the often already weakened crown and root structure.

|                 |   |
|-----------------|---|
| <b>AESEFUI</b>  | Deep Grip Upper Incisor Extraction Forceps                      |
| <b>AESEFUC</b>  | Deep Grip Upper Canines and Premolars Extraction Forceps        |
| <b>AESEFLCP</b> | Deep Grip Lower Front, Canines and Premolars Extraction Forceps |
| <b>AESEFR</b>   | Deep Grip Low Roots and Narrow Incisors Extraction Forceps      |
| <b>AESEFUM</b>  | Deep Grip Upper Molars and Wisdom Teeth Extraction Forceps      |
| <b>AESEFLM</b>  | Deep Grip Lower Molars and Wisdom Teeth Extraction Forceps      |



**AESRFUN**  
Root Forceps -  
Universal

### Root Forceps

Root forceps have an extra sharpened beak that ensures a secure hold: for particularly demanding root residue removal deep in the alveolus.

Witzel Universal Extraction Forceps - only one root forceps for all quadrants. Diamond coated beak for secure grip.

|                |  |
|----------------|--|
| <b>AESRFLO</b> | Root Forceps - Lower                                     |
| <b>AESRFUN</b> | Root Forceps - Universal                                 |
| <b>AESRFUP</b> | Root Forceps - Upper                                     |
| <b>AESEFRW</b> | Witzel Universal Root Extraction Forceps, Diamond Coated |

Maximum precision, optimal control, precise handling and a pleasant feel are the aspects from which our instruments for dental microsurgery have been developed to meet the latest clinical techniques and requirements.

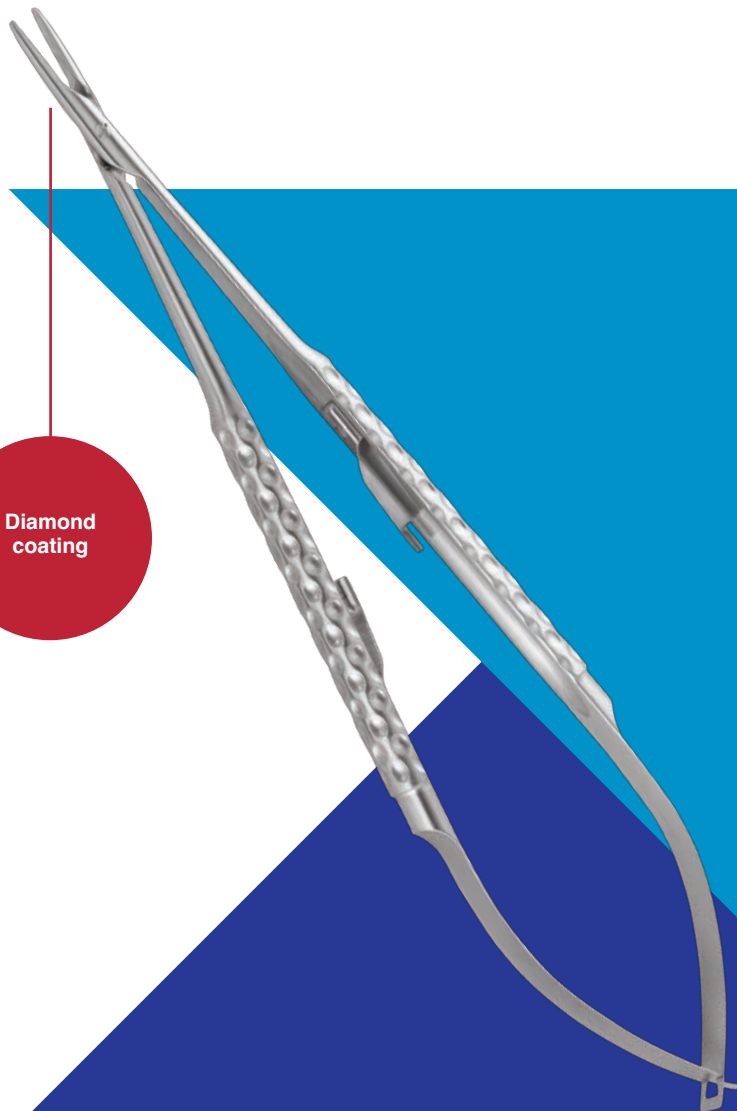
Diamond  
coating

## Microsurgical Needle Holder

Suitable for the finest needle/thread combinations. The needle is held precisely by the working end coated with diamond dust. The twisted end of the instrument reliably prevents accidental snagging or severing of the thread when knotting.

AESMSNH

Micro Needle Holder





**AESMSTCO**  
Micro Cooley  
Atraumatic Tweezer

**Microsurgical Tweezers**

These tweezers have the finest working ends: surgical (1x2 teeth), suture tweezers with thread plates, or the special Cooley, atraumatic tweezers with the finest micro-serration for interventions in soft tissue management. The special ribbing of the forceps' beak distributes the pressure over a large area therefore holding even the most sensitive soft tissue in an atraumatic, safe and gentle manner.

The Cooley pliers distributes pressure over a large area

|          |                                 |
|----------|---------------------------------|
| AESMSSTT | Microsurgical Tweezer 1x2 Teeth |
| AESMSTCO | Micro Cooley Atraumatic Tweezer |
| AESMSSTD | Micro Suture Tweezer            |

**AESMSKO**  
Orban Periodontal  
Knife 1-2

Secure grip

**Microsurgical Instruments**

|          |   |
|----------|---|
| AESMSKO  | Orban Periodontal Knife 1-2             |
| AESMSSHM | Micro Blade Holder                      |
| AESMSSSM | Micro Scissors SuperCut, Micro Serrated |

**AESMST1**  
Tunnelling Knife #1



**AESMST2**  
Tunnelling Knife #2

**Advanced Tunnelling Instruments**

Minimise the risk of perforation when forming buccal split flaps.

State of the art treatment option

|         |                     |
|---------|---------------------|
| AESMST1 | Tunnelling Knife #1 |
| AESMST2 | Tunnelling Knife #2 |



**Papilla Elevator**

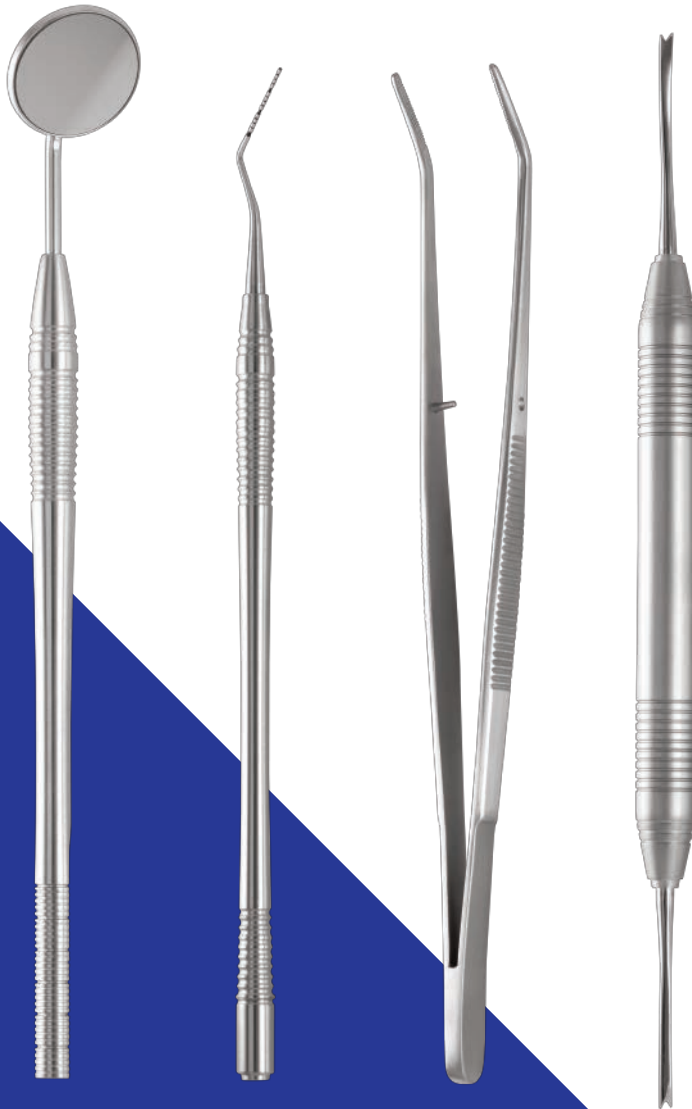
Particularly delicate raspatory/elevator for mobilising the papilla as well as for other implantological/microsurgical interventions where maximum precision is required. E.g. for soft tissue management or for implantation, very well suited for initial mobilisation.

Maximum precision

|         |                  |
|---------|------------------|
| AESMSPE | Papilla Elevator |
|---------|------------------|

## DIAGNOSTICS & ACCESSORIES

MAXIMUM



In addition to American Eagle Instruments® surgical instruments, diagnostic and accessory instruments are also available in matching designs.

|                  |  |
|------------------|--|
| <b>AESH51</b>    | Mirror Handle  |
| <b>AESH51E</b>   | Mirror Handle with Visual Endo Scale (0-30mm)                  |
| <b>AESPUNC15</b> | UNC 15 Probe, University of North Carolina 1-15mm, 1mm Marking |
| <b>AESCT10</b>   | London College Tweezers, Smooth Handle                         |
| <b>AESCT5</b>    | London College Tweezers, Ribbed Handle                         |
| <b>AESGP</b>     | Luniatschek Gauze Packer                                       |

# CASSETTES

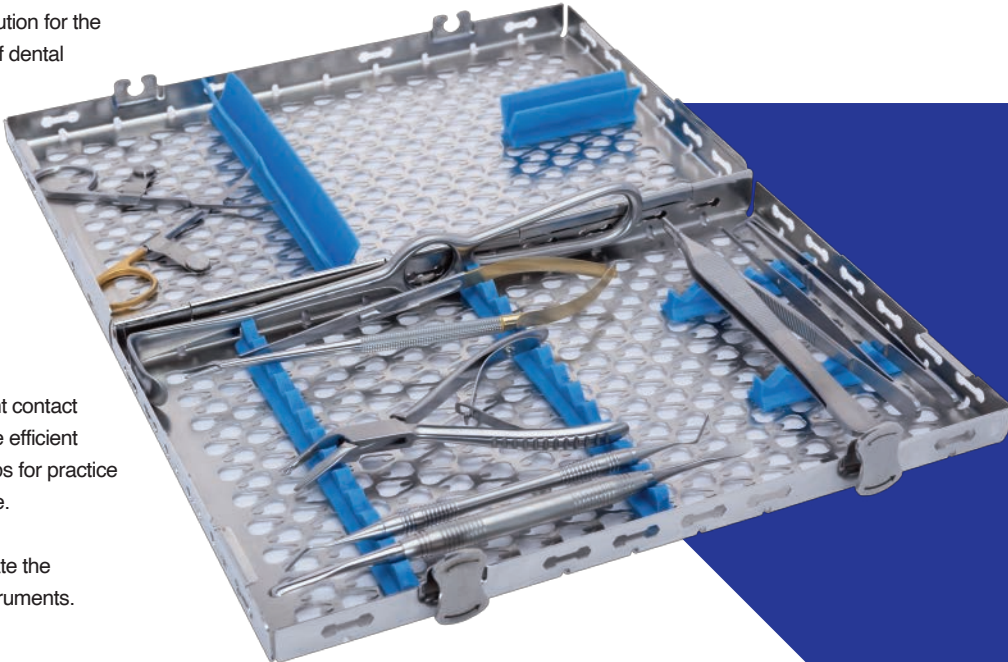
**GALAXIE**  
cassettes

GALAXIE Cassettes offer an optimal solution for the classification, cleaning and sterilisation of dental hand-instruments, while increasing safety and efficiency in the practice.

The open lattice design is specially designed for washer disinfectant use, enabling maximum water through flow whilst the smooth round corners and slotted edges increase drainage and reduce drying time.

The innovative shape reduces instrument contact allowing for more liquid flow and for more efficient cleaning. There are five colour-coded tabs for practice organisation included with every cassette.

Now available with accessories to facilitate the cleaning of American Eagle Surgery Instruments.



## CASSETTES

|                  |                        |
|------------------|------------------------|
| <b>AEC1/2DIN</b> | 5 Instrument Cassette  |
| <b>AEC1/4DIN</b> | 10 Instrument Cassette |

## SURGICAL CASSETTES

|                |                            |
|----------------|----------------------------|
| <b>AESCDIN</b> | Full DIN Cassette Surgical |
| <b>AESCCON</b> | Container Cassette         |

## SURGICAL ACCESSORIES

|                  |                           |
|------------------|---------------------------|
| <b>AESCLIPS</b>  | Scissors Clip, 1 pc.      |
| <b>AESCLIPNH</b> | Needle Holder Clip, 1 pc. |
| <b>AESCTOOL</b>  | Assembling Tool, 1 pc.    |

Place your order now by  
emailing: [info@ydnt.eu](mailto:info@ydnt.eu)

For further product information  
scan the relevant QR code:



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Young Innovations Europe GmbH  
Mittermaierstr. 31 | D-69115 Heidelberg | Germany  
IE: +353 (58) 45 966 | [info@ydnt.eu](mailto:info@ydnt.eu) | [www.ydnt.eu](http://www.ydnt.eu)  
For more information visit: [www.am-eagle.org](http://www.am-eagle.org)