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<th>Instrument</th>
<th>Page</th>
</tr>
</thead>
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<td>Extraction Forceps</td>
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<td>Rongeurs</td>
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<td>Sonde / Irrigating Syringe</td>
<td>104</td>
</tr>
</tbody>
</table>
Extraction Forceps

Reference Chart

<table>
<thead>
<tr>
<th>Anterior</th>
<th>Premolar</th>
<th>Molar</th>
<th>Wisdom Teeth</th>
<th>Roots</th>
<th>Root Separation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
<td>#1</td>
<td>#105</td>
<td>#69 / Root /</td>
<td>#67</td>
<td>#66</td>
</tr>
<tr>
<td></td>
<td>#13</td>
<td>#17</td>
<td>Anterior Root /</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#4</td>
<td>#222</td>
<td>Posterior Root</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>#46</td>
<td>#21</td>
<td>/</td>
<td>#44</td>
<td>#44</td>
</tr>
</tbody>
</table>

*Triple layered joint provides superior in accuracy and durability.
*Dental formula is printed inside the handle.

Upper #1 #32 #4
Upper premolar / Lower premolar No. 17001
No. 17004
No. 17021
No. 17032

Upper #10S #8 #65 #69
Upper molar No. 17010
No. 17017

Upper #67
Upper anterior No. 17001

Lower #17 #222 #44 #66
Lower molar No. 17017
No. 17222

Lower #46 #32 #21 #27 #6
Lower anterior / Upper premolar No. 17046
No. 17032
No. 17021
No. 17027
No. 17008

#44
Upper premolar / Lower premolar
No. 17004
No. 17021
No. 17032

#10S
Upper molar
No. 17010
No. 17017

#17
Lower molar
No. 17017
No. 17222

#46
Lower anterior
No. 17046

#32
Upper premolar
No. 17032

#21
Lower premolar
No. 17021

#27
Lower molar
No. 17027

#8
Upper wisdom teeth
No. 17008

#222
Lower wisdom teeth
No. 17222
Extracting Forceps Claw

- **#65**
  - Upper roots
  - No. 17065

- **#44**
  - Lower roots
  - No. 17044

- **#69**
  - Upper roots / Lower roots
  - No. 17069

- **#67**
  - Upper root separation
  - No. 17067

- **#66**
  - Lower root separation
  - No. 17066

- **Root**
  - Upper roots / Lower roots
  - No. 17070

- **#1**
  - No. 17581
  - Size / 162mm

- **#4**
  - No. 17582
  - Size / 161mm

- **#10S**
  - No. 17583
  - Size / 169mm

- **#27**
  - No. 17584
  - Size / 168mm

---

*Evolved Extracting Forceps*

3 or 4 claws always hold any tooth cervix dynamically well. Therefore this forceps are suitable for any shape of tooth cervix.

*Rough Surface inside the Tip*

The fulcrums of claws and the edge of rough surface inside the claws make holding power more stronger. Therefore this forceps prevents Dr. from putting too much power on this forceps and this efficiency makes it possible to extract such as fragile tooth or damaged one.
Pediatric Extracting Forceps

**Reference Chart**

<table>
<thead>
<tr>
<th>Anterior</th>
<th>Posterior</th>
<th>Roots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
<td>#1</td>
<td>#An</td>
</tr>
<tr>
<td></td>
<td>#10S / #7Po-U</td>
<td>#4 / #69</td>
</tr>
<tr>
<td>Lower</td>
<td>#46</td>
<td>#21 / #27 / #Po-L</td>
</tr>
</tbody>
</table>

*Designed to securely hold any condition of deciduous teeth.
*Ergonomically designed handles offer flexibility and greater tactile sensitivity.

**Pediatric Extracting Forceps Claw**

*Triple layered joint provides superior in accuracy and durability.
*Dental formula is printed inside the handle.

#1
Upper anterior
No. 17501

#46
Lower anterior
No. 17546

#10S
Upper posterior
No. 17510

#21
Lower posterior
No. 17521

#4
Upper posterior / Lower posterior
No. 17504

#69
Upper roots / Lower roots
No. 17569

#An
Anterior
No. 17591

Size / 147mm

#Po-U
Upper posterior
No. 17592

Size / 146mm

#Po-L
Lower posterior
No. 17593

Size / 146mm

How to use for Anterior

How to use for Posterior
Extracting Forceps Type 2

- Hirakawa -

**For Anterior Root**
No. 17073

- The neck is slender and long enough to avoid adjacent tooth.
- The back of the edge is suitably thin to approach the space of a root.
- Even a remaining root is fragile. The serration holds it without putting too much power.

**For Posterior Root**
No. 17074

- *We manufactured suitably thin tip for approaching very narrow spaces of a root.*

Rongeurs

**Size / 165mm**

- #1 Upper / Lower No. 17801
  - Size / 157mm

- #2 Upper No. 17802
  - Size / 162mm

- #3 Lower No. 17803
  - Size / 160mm

**Actual Size**

1.5mm

1.5mm
**Rongeurs**

- Delicate -
  *Excellent for bone removal in narrow areas.*
  *Compact design is also suitable for removing old granulation tissue.*

A
No. 17805

Size / 152mm

C
No. 17807

Size / 150mm

**Hemostatic Forceps**

- Mosquito-

Stk.
No. 29001

Cvd.
No. 29002

Pean
No. 29004
**Curette**

- **Str.**
  - No. 14310

- **Cvd. Long Neck**
  - No. 14316

- **Cvd. #1**
  - No. 14311

- **Cvd. #2**
  - No. 14312

- **Cvd. #3**
  - No. 14313

- **Cvd. #4**
  - No. 14314

- **Cvd. SSW #85**
  - No. 14317

- **Cvd. SSW #86**
  - No. 14318

**-Windowed Curette-**

- No. 14319

**Tissue Forceps**

- **Slim**
  - No. 14321

  - Size / 160mm

- **Hegar**
  - No. 14320

  - Size / 130mm

*Since handle has a spring, delicate regulation of power can be performed and hold soft tissue firmly. Thin and long tip allow easy insert to the narrow tooth extraction socket and reach to the last molar.*
**Elevator**

**-B Handle-**

<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1S</td>
<td>4.0mm</td>
<td>16101</td>
</tr>
<tr>
<td>#2S</td>
<td>3.5mm</td>
<td>16102</td>
</tr>
<tr>
<td>#3S</td>
<td>3.0mm</td>
<td>16103</td>
</tr>
<tr>
<td>#4S</td>
<td>2.5mm</td>
<td>16104</td>
</tr>
<tr>
<td>#5S</td>
<td>2.0mm</td>
<td>16105</td>
</tr>
<tr>
<td>#1C</td>
<td>4.0mm</td>
<td>16106</td>
</tr>
<tr>
<td>#2C</td>
<td>3.5mm</td>
<td>16107</td>
</tr>
<tr>
<td>#3C</td>
<td>3.0mm</td>
<td>16108</td>
</tr>
<tr>
<td>#4C</td>
<td>2.5mm</td>
<td>16109</td>
</tr>
<tr>
<td>#5C</td>
<td>2.0mm</td>
<td>16110</td>
</tr>
</tbody>
</table>

**Angled**

<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#20AL</td>
<td>3.5mm</td>
<td>16015</td>
</tr>
<tr>
<td>#21AL</td>
<td>3.5mm</td>
<td>16016</td>
</tr>
</tbody>
</table>

*The tip is 20mm longer than regular elevators.
*To avoid slippery and easy control of blade, they have finger rest.
*Handle is marked "WT".

---

**for Wisdom Teeth**

<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 for WT</td>
<td>3.0mm</td>
<td>16065</td>
</tr>
<tr>
<td>#2 for WT</td>
<td>3.0mm</td>
<td>16066</td>
</tr>
<tr>
<td>#3 for WT</td>
<td>3.0mm</td>
<td>16067</td>
</tr>
</tbody>
</table>

*It is effective also in the approaching from lingual side of molar part.*

**Str. Cvd.**

<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#2 for WT</td>
<td>Slightly Cvd.</td>
<td>161065</td>
</tr>
<tr>
<td>#3 for WT</td>
<td>Deeply Cvd.</td>
<td>161066</td>
</tr>
<tr>
<td>#3 for WT</td>
<td>Oppositely Cvd.</td>
<td>161067</td>
</tr>
</tbody>
</table>

*With an angled shank can insert posterior teeth smoothly.*
**Elevator**

**-B Handle-**

- **Spear**
  - With a thin spear-like tip can insert in narrow periodontal membrane cavity easily, and periodontal ligament fibers are cut and it exfoliates.
  - Excellent for immediate implantation.

- **Spear**
  - Since this product is an instrument which cuts a periodontal ligament and carries out extrusion of a tooth by wedge action, the blade is very thin. Therefore, please do not perform operation in which a root is raised by leverage, there are possibility of the breakage of blade and fear of distortion.

<table>
<thead>
<tr>
<th>#</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1S</td>
<td>3.5mm</td>
<td>16141</td>
</tr>
<tr>
<td>#1C</td>
<td>4.0mm</td>
<td>16144</td>
</tr>
<tr>
<td>#1R</td>
<td>3.5mm</td>
<td>16147</td>
</tr>
</tbody>
</table>

**-D Handle-**

- **Spear**
  - The curve of the tip can approach the "molar" smoothly.

<table>
<thead>
<tr>
<th>#</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#2S</td>
<td>3.0mm</td>
<td>16122</td>
</tr>
<tr>
<td>#2S</td>
<td>2.5mm</td>
<td>16124</td>
</tr>
<tr>
<td>#3S</td>
<td>2.0mm</td>
<td>16125</td>
</tr>
</tbody>
</table>

- **Spear**
  - Inside curve of the tip can approach the end of molar, lingual and palatal side.

<table>
<thead>
<tr>
<th>#</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1C</td>
<td>4.0mm</td>
<td>16126</td>
</tr>
<tr>
<td>#2C</td>
<td>3.5mm</td>
<td>16127</td>
</tr>
<tr>
<td>#3C</td>
<td>3.0mm</td>
<td>16128</td>
</tr>
</tbody>
</table>

- **Spear**
  - This curved shape of a shank is suitably effective for "molar" to approach with ease.
  - The tip is positioned on the extended line of the handle for handling balance. It makes Dr.s comfortable to keep the balance of operation.

<table>
<thead>
<tr>
<th>#</th>
<th>Width</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1R</td>
<td>4.0mm</td>
<td>16126</td>
</tr>
<tr>
<td>#2R</td>
<td>3.5mm</td>
<td>16127</td>
</tr>
<tr>
<td>#3R</td>
<td>3.0mm</td>
<td>16128</td>
</tr>
</tbody>
</table>
Elevator

- D Handle -

**NM series, with thin and fan-shaped tips**: In a twisting action, wide edge works effectively.

*The thin tip can easily get into narrow root space.*

*Its widely designed both ends of the edge effectively work on the root.*

**#NM2 for WT**

- Width 4.5mm
- No. 16075

**#NM2A for WT** (Oppositely Cvd.)

- Width 4.5mm
- No. 16077

**#NM2**

- Width 4.5mm
- No. 16056

**#NM2A**

- Width 4.5mm
- No. 16058

**#NM3**

- Width 4.0mm
- No. 16057

**#NM1**

- Width 5.0mm
- No. 16055

**Root Tip Pick**

**Root #NM1**

- Width 2.5mm
- No. 16554

*Handle is marked “RT”.*

**#1S**

- No. 16075

**#2A**

- No. 16076

**#3A**

- No. 16077

**Double End**

- No. 14601

*With a angled shank can insert posterior teeth smoothly.*
Root Tip Elevator

*This thin tip of the elevators has easy access to stricture periodontal ligament gaps. You can choose one of the most suitable elevators with many types of angles, depending on angle, mouth-opening capacity or condition of remaining roots.

*The straight type is preferable, which is able to align the line of the tip in that of a front tooth. When it comes to molar teeth, it is surely effective for the first broadening of the periodontal ligament gaps as well.

*It is relatively difficult to align the line of the elevator's tip in the line (axis) of a molar tooth. So choose the appropriate one of the 2 curved elevators, depending on the position of the target root and type of patient's mouth.

*Choose one of the 2 types of reversed tip elevators, 15 or 30 degree, in case you insert the elevator from the molar, tongue, or roof side.

*Choose #2A or #3A, especially for those who can't open his mouth widely.
Periosteal Customize System (Not Replaceable Type)

*Make your own instrument by combining two tips and handle.
*Medical treatment becomes more smooth by customized instrument suitable for the technique of the doctor.
*Kind of tip doesn’t affect on price.

How to Order Stainless Steel Made Periosteal

To make...
Handle : Round KARAKUSA
Tips : HC3+HB2

Order 15001 Round KARAKUSA with HC3 & HB2

How to Order DLC Periosteal

*Diamond Like Carbon Coating
*Periosteal Customize System with DLC Coating.
*Remarkably stick-resistant for easy workability. Improved strength, sharpness and superior wear resistance.

To make...
Handle : DLC Octagonal S
Tips : DC2+DC3

Order 15007 DLC Octagonal S with DC2 & DC3

Next Page   Handle & Tip Line up
Surgery

Periosteal Customize System (Not Replaceable Type)

Handle

Round KARAKUSA

*Size / 110mm
*Handle diameter / ø6.5mm

Octagonal L

*Size / 80mm
*Handle diameter / ø6.0mm

Octagonal S

*Size / 110mm
*Handle diameter / ø6.5mm

Tip

-Mucosa (Wide area)-

-Stainless-

HA1 HA2 HA3 HA4 HA5

-DLC-

DA1 DA2 DA3 DA4 DA5 *with Blade

-Mucosa (Narrow area)-

-Stainless-

HB1 HB2 HB3 HB4 HB5

-DLC-

DB1 DB2 DB3 DB4 DB5 *with Blade

-Interdental Papilla-

-Stainless-

HC1 HC2 HC3 HC4 HC5

-DLC-

DC1 DC2 DC3 DC4 DC5 *with Blade

-Gum retractor-

-Stainless-

HD1 DD1 HD2

-DLC-

DE1 DE2 DE3 DE4 DE5 DE6 *Mirror

-Periosteum-

-Stainless-

HE1 HE2 HE3 HE4 HE5 HE6

-DLC-

DE1 DE2 DE3 DE4 DE5 DE6 *with Blade

*Backside is flat
*Inside is flat

Next Page Example for Combination
**Periosteal Customize System (Not Replaceable Type)**

**Example of Combination 1**

*Pattern for gum retractor. The tip of two kinds of size can be properly used depends on operative site.

*It can be used as a mirror.

**Example of Combination 2**

*It is the scalpel by which the angle of four directions was given to the neck.

*They can be respond to all area and ideal for periodontal surgery.

**Needle Holder**

***-Castroviejo-***

- HD1 + Octagonal L + HD2

*Use HD2 to retract wide area of gum.

- HE1 + Round KARAKUSA + HE2

HE3 + Round KARAKUSA + HE4

- HD1 + Octagonal L + HD2

*Use HD2 to retract wide area of gum.

***-Castroviejo HU-***

*New Rachet system offers smooth and comfortable control for suturing.

***-Castroviejo L-***

*The long handle which does not become the obstacle of a view under a microscope.

**Suture / from 5-0 to 6-0**

**Suture needle / from ø0.33 to ø0.38mm**

**Size / 140mm**
-Nanaura-

Cvd.
No. 14502

Str.
No. 14501

-Perio-

Str.
No. 14506

Cvd. 
No. 14509

-Mathieu-

Str. T/C
No. 29012

Cvd. T/C
No. 29017

Suture / from 3-0 to 5-0
Suture needle / from ø0.38 to ø0.63mm
Size / 170mm

Suture / from 3-0 to 5-0
Suture needle / from ø0.38 to ø0.63mm
Size / 140mm

Suture / from 3-0 to 5-0
Suture needle / from ø0.38 to ø0.63mm
Size / 160mm

Cleft Palate T/C
No. 14521

*Softly able to hold with pen-grip.
*Short length between handles allow easy control in human hand.

Needle Holder

*Sofly reduce the burden of fingers.
**Needle Holder**

- **Stille**
  - S T/C
    - No. 14514
    - Suture / from 4-0 to 6-0
    - Suture needle / from ø0.33 to ø0.53mm
    - Size / 150mm
  - L T/C
    - No. 14513
    - Suture / from 4-0 to 6-0
    - Suture needle / from ø0.33 to ø0.53mm
    - Size / 170mm

- **Ryder**
  - S T/C
    - No. 14514
    - Suture / from 4-0 to 6-0
    - Suture needle / from ø0.33 to ø0.53mm
    - Size / 150mm
  - Halsey T/C
    - No. 29013
    - Suture / from 3-0 to 5-0
    - Suture needle / from ø0.38 to ø0.63mm
    - Size / 134mm
  - Baby-Crile-Wood T/C
    - No. 29014
    - Suture / from 3-0 to 5-0
    - Suture needle / from ø0.38 to ø0.63mm
    - Size / 135mm

- **Regular**
  - Ryder T/C
    - No. 14515
    - Suture / from 4-0 to 6-0
    - Suture needle / from ø0.33 to ø0.53mm
    - Size / 170mm

*Slim tip is easy to control and allows secure view of operating area.*
*The blade is designed to efficiently remove periodontal membrane in any angle.

Kirkland Double End
No. 29071

Membrane Removing
No. 14003

*Attachment and detachment of a scalpel can be done safely and smoothly.

Scalpel Blade Removing Pliers
No. 14050

Scalpel Handle

#3
No. 29091

Str.
No. 15305

Bone Chisel

Double Blade
Width 4.0mm
No. 14010

Single Blade
Width 3.5mm
No. 14011

Gouges
Width 3.5mm
No. 14012
**Mallet**

*Universal*
No. 14672
- Weight / 120g
- Material / PTFE (White part)

*Hard*
No. 15211
- Weight / 220g
- Material / PFA (White part)

*Soft*
No. 15210
- Weight / 220g
- Material / Si (Gray part)

- *Wooden Mallet*
  No. 14671
  - Size / 232mm
  - Weight / 8kg

**Bone File**

*Back Side*

- No. 14401
- No. 14402
- No. 14403

*Back Side*

- No. 14411
- No. 14412
- No. 14413

*Slightly smaller than Bone File #12.*
**Mouth Gag**

- **Contents**: Main body / Silicon Cover (4 ea.)

- **Materials**:
  - Heister No. 14641 Size / 135mm
  - Roser-Koenig No. 14642 Size / 185mm

- **Suitable for**:
  - Displace and protect fundal part of periosteal flap.
  - Also can be used as Tongue Depressor.

- **Wound Retractor**

  - **-Langenbeck-**
    - Able to displace efficiently with flat and long hook during surgery operation.
    - Even if an assistant holds, a handle is long so that it may not become obstructive and it does not become the hindrance of an operation.

  - **L-Shaped Retractor**
    - Suitable for gum valve opening and holding during the surgery operation.

- **Cheek Retractor**

  - **Suitable for**
    - Displace and protect fundal part of periosteal flap.
    - Also can be used as Tongue Depressor.

- **Tongue Depressor**

  - **-Langenbeck-**

  - **Wound Retractor**

  - **L-Shaped Retractor**

  - **-Langenbeck-**

  - **Wound Retractor**

  - **L-Shaped Retractor**

- **Sizes**:
  - 31.5mm
  - 40mm
  - 20mm
  - 35mm
  - 40mm
  - 13mm
  - 13mm
  - 40mm
  - 60mm
  - 150mm
  - 210mm
**Suture Scissors**

- **Spencer Str.** No. 29026
  - Ball pointed tip offers smooth cutting of suture without damaging gingiva.
  - Able to hold and pull out the suture that had been cut.

- **Spencer Cvd.** No. 29029
  - Curved tip suitable for easy insertion of molar area.

- **Safety** No. 12828
  - Ball pointed tip offers smooth cutting of suture without damaging gingiva.

- **Slim** No. 12831
  - Blunt slim tip allows easy insertion of blade into suture space without damaging gingiva.

- **One-Touch** No. 12829
  - Able to hold and pull out the suture that had been cut.

**Gum Scissors**

- **#18** No. 15180
  - One blade serrated

- **#27** No. 12827
  - Long handle allows easy access to posterior area.

- **Joseph** No. 12830
  - One blade serrated

- **La Grange** No. 29023
  - One blade serrated
**Gum Scissors**

- Goldman Fox -

*One blade serrated*

1. **No. 12801**
   - #1
   - Infiltration Anesthesia
   - No. 14101

2. **No. 12803**
   - #1 T/C
   - Infiltration Anesthesia
   - No. 14103

3. **No. 12802**
   - #2
   - Infiltration Anesthesia
   - No. 14103

4. **No. 12801**
   - #1
   - Conduction Anesthesia
   - No. 14102

5. **No. 12803**
   - #1 T/C
   - Conduction Anesthesia
   - No. 14104

**Injection Cartridge Syringe Type-2**

- Screw-Type -

A. **Infiltration Anesthesia**
   - No. 14101

B. **Conduction Anesthesia**
   - No. 14102

- Lock-Type -

A. **Infiltration Anesthesia**
   - No. 14103

B. **Conduction Anesthesia**
   - No. 14104

*Material / PPS (Black part)*

**Str.**
- No. 29021

**Cvd.**
- No. 29022
Tissue Pliers

-**with Hook**-

-Str. No. 11333-

-Str. No. 11331-

-Cvd. No. 11332-

-Cvd. No. 11334-

-N°4 No. 15040-

-**without Hook**-

-Str. No. 11331-

-Cvd. No. 11332-

-**with Curette**-

-L Cvd. No. 11324-

-S Cvd. No. 11326-

-**Lucae**-

-No. 11210-

-**Suture Pliers**-

-No. 11216-

*With curette shaped tip, able to hold and remove the granulation tissue.*

*Prevent gap during suturing by using tip to pinch the gingiva and suture through the hole.*
**Tissue Pliers**

- **McIndoe-**
  - With Hook
    - No. 11335
  - Without Hook
    - No. 11336

- **Adson-**
  - With Hook
    - No. 29041
  - Without Hook
    - No. 30041

- **Graefe-**
  - With Hook
    - No. 29045
  - Without Hook
    - No. 29046

*Alternate serrated tips will not damage the gum during suturing.

**Aspirator**

- **L-60°**
  - Deeply Cvd.
    - No. 14810
  - Size / 155mm

- **L-45° Titanium**
  - No. 14820
  - Size / 155mm

- **L-70° Deeply Cvd.**
  - No. 14812
  - Size / 155mm

- **S-30°**
  - No. 14800
  - Size / 115mm

- **S-30° Slim**
  - No. 14813
  - Size / 115mm

- **S-60°**
  - No. 14801
  - Size / 105mm

- **S-ø10mm**
  - No. 14830
  - Size / 150mm

- **S-ø11mm Tapered**
  - No. 14833
  - Size / 200mm

- **L-ø10mm**
  - No. 14832
  - L-ø11mm Tapered
    - No. 14833

In order to use Aspirator, please purchase main body and joint (1 ea.).

**Adaptor for Saliva Ejector**

- **No. 14840**
  - Size / 24mm
  - Material / Si

*Attach "Adaptor for Saliva Ejector" directly to the end of aspirator.

**Adapter**

- **No. 13614**
  - In case the inside diameter of evacuation tube is 16mm, this adaptor is required for use of the aspirator.
  - *Joint ø11 with Tapered is needed for the connection with aspirator.

**Cleaning Brush S (ø 4mm)**

- **No. 13651**
  - Size / 150mm
  - (12 ea.)

*For "Aspirator S-30° slim", (No. 14813)
*ø1.1mm

**Cleaning Wire**

- **No. 13654**
  - Size / 200mm
  - (12 ea.)

*S sold separately.

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In order to use Aspirator, please purchase main body and joint (1 ea.).

*Alternate serrated tips will not damage the gum during suturing.

*Soft tissue is delicately held at the time of a suture and an operation.
**Sonde**

*Structure automatically opened by the power of the O-ring hung on the opposite side.*

- **Bite pressure** / up to 490N
- **Material** / PC, ABS (Main body) Si (O-ring)

1) Close an insertion part (the side which does not have a YDM logo) by hands and inserts into a mouth.
2) Adjust the dimpled area to the canine.
3) Grasp at the holding part lightly and an insertion part will open by the power of O-ring.

**Irrigating Syringe**

*Photo by: Tokyo Medical Dental University (Temporomandibular Joint Clinic)*

**Jaw Opening Trainer**

*Photo by: Tokyo Medical Dental University (Temporomandibular Joint Clinic)*