



EESy

Endoscopic
Ear Surgery
Instruments



The EESy one hand instrument

ENDOSCOPIC EAR SURGERY INSTRUMENTS



Endoscopes in Ear Surgery (ESS) allows enhanced surgical visualization and illumination. The distal part of the scopes can even be angled to allow a wider view of the operative area. Transcanal endoscopic techniques have transformed the external ear canal into an endoscopic approach.

The benefits of EES are wider views, enhanced imaging capabilities and increased magnification, and ways to see otherwise poorly visualisable portions of the middle ear.

Compared with microscope-assisted surgery, endoscopic tympanoplasty has been shown to require a shorter operating time in some instances (Emre et al. 2019)*. The major limitation of ESS has been the fact that it is a single-handed technique and that visualisation is often limited by bleedings.

The **ESSy** instruments allows the surgeon to use the one-hand technique. The instruments are a suction – cutting – dissection combination. These gives you major benefits in ESS and reduce the limitations of the endoscopic approach.

With the **ESSy** you have one hand for the scope and the other for the instrument. You avoid the constant change of instruments and suction devices.

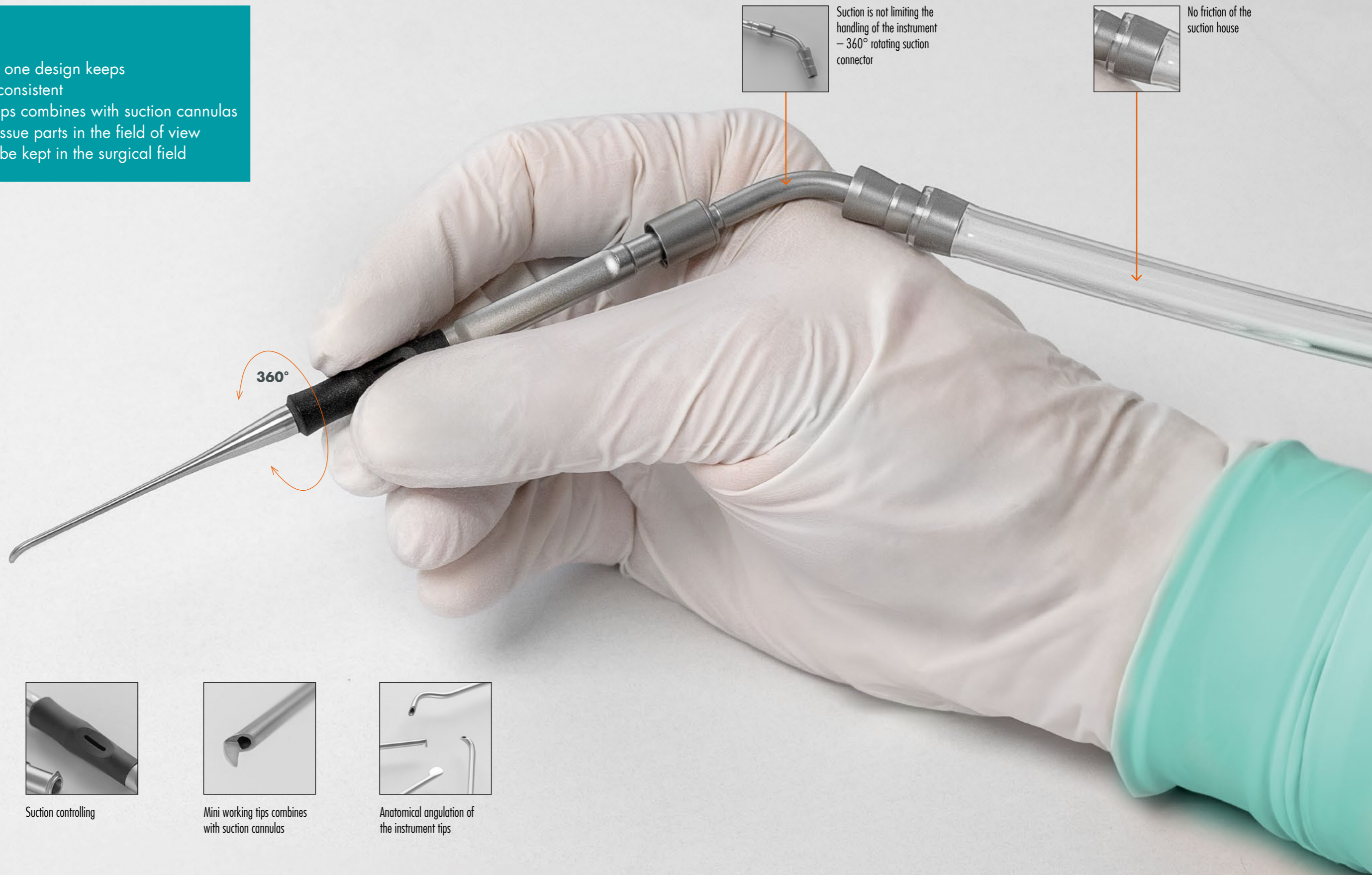


* Journal of Otology 15 (2020) 27 - 32

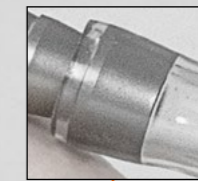


Benefits:

- Different tips in one design keeps your handling consistent
- Mini working tips combines with suction cannulas
- Less blood or tissue parts in the field of view
- Instrument can be kept in the surgical field



Suction is not limiting the handling of the instrument – 360° rotating suction connector



No friction of the suction house



Suction can be adjusted by the finger tip



Suction controlling



Mini working tips combines with suction cannulas







Anatomical angulation of the instrument tips



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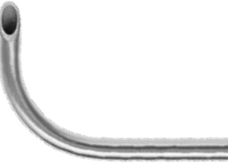
Suction Dissector for Tympanum, single curved

| | | | |
|---|-----------------------------------|-------|-------------|
|  | 3.0mm / 6.2mm | left | 410-880-001 |
|  | 3.0mm / 6.2mm | right | 410-880-002 |
|  | 0.6mm, Ø 1.0mm suction channel | left | 410-880-003 |
|  | 0.6mm, Ø 1.0mm suction channel | right | 410-880-004 |




Suction Dissector for Sinus Tympani, double curved, backward

| | | | |
|---|---------------|-------|-------------|
|  | 3.0mm / 6.2mm | left | 410-880-005 |
|  | 3.0mm / 6.2mm | right | 410-880-006 |




Suction Dissector for Atticus

| | | | |
|---|---------------|-------|-------------|
|  | 3.0mm / 6.2mm | left | 410-880-007 |
|  | 3.0mm / 6.2mm | right | 410-880-008 |



Suction Micro Hook

| | | | |
|---|---------------|-----|-------------|
|  | 1.0mm / 6.2mm | 45° | 410-880-011 |
|  | 1.5mm / 6.2mm | 45° | 410-880-012 |
|  | 2.0mm / 6.2mm | 45° | 410-880-013 |

Suction Round Knife

| | | | |
|---|-----------------|-----|-------------|
|  | Ø 2.5mm / 6.2mm | 45° | 410-880-014 |
|  | Ø 2.0mm / 6.2mm | 45° | 410-880-015 |
|  | Ø 2.5mm / 6.2mm | 45° | 410-880-016 |

Suction Knife, oval

| | | | |
|---|-------|-------|-------------|
|  | 6.2mm | left | 410-880-017 |
|  | 6.2mm | right | 410-880-018 |

Suction Sickle Knife

| | | | |
|---|-------|------------|-------------|
|  | 2.0mm | 35° curved | 410-880-019 |
|---|-------|------------|-------------|



ENDOSCOPIC EAR SURGERY INSTRUMENTS



Suction Curette

| | | | |
|---|-------------|--------|-------------|
|  | 1.5 x 2.5mm | curved | 410-880-020 |
|---|-------------|--------|-------------|

Suction Dissector for Tympanum

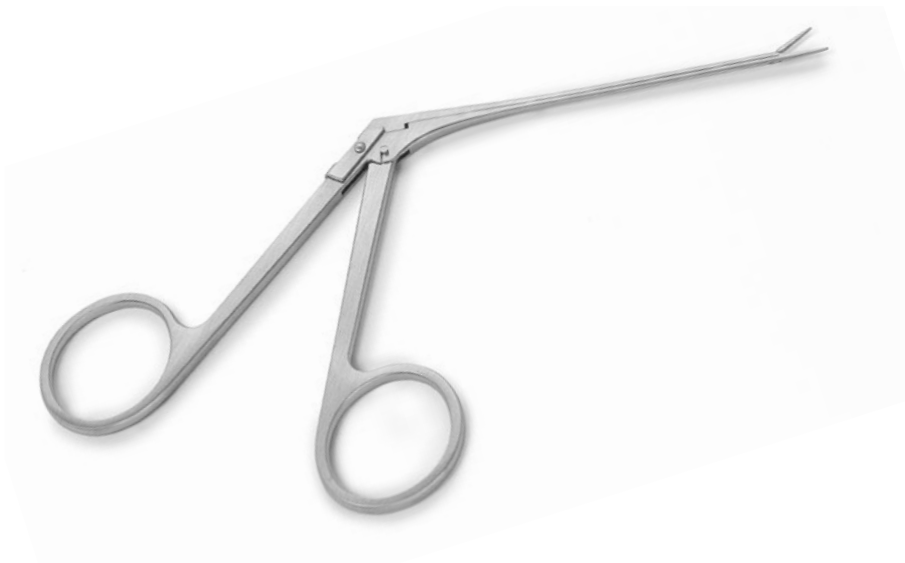
| | | | |
|---|------------|-------|-------------|
|  | extra fine | left | 410-880-009 |
|  | extra fine | right | 410-880-010 |

Suction Finder

| | | | |
|---|-------|--|-------------|
|  | blunt | | 410-880-021 |
|---|-------|--|-------------|



410-880-000
Suction Adaptor, 55° curved, rotatable,
male, LuerLock



Micro Ear Forceps with sliding shaft, 80mm working length



0.6mm wide, 4.5mm jaw

Oval cup, straight

410-341-800



0.9mm wide, 4.5mm jaw

Oval cup, upwards curved

410-342-500



0.9mm wide, 4.5mm jaw

Oval cup, downwards curved

410-347-500



0.8 x 6.0mm jaw

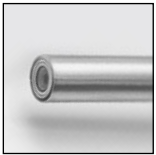
straight

410-345-080

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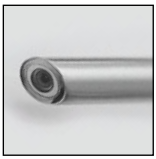
RZ Sinuscopes, 110mm working length



Ø 2.7mm

0°

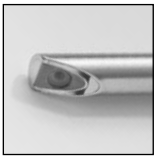
252-104-200



Ø 2.7mm

30°

252-104-230



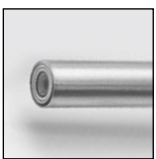
Ø 2.7mm

70°

252-104-270



RZ ,Otoscopes, 75mm working length



Ø 2.7mm

0°

410-027-000



Ø 2.7mm

30°

410-027-030



Ø 2.7mm

70°

410-027-070

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