

HELIIUT ZEPF Oral Surgery
and Maxillofacial Instruments

This chapter for Cranio-Maxillo-Facial
Surgery includes all instruments required for reconstruction of traumata, diseases, bone fractures, malformations and deformations of the teeth, the oral cavity and for the jaw as well as the face.

## The ZEPF Forceps



| $$ | Standard |  |  |  | $\varepsilon$ | Standard, fine |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 22.200.12 | 12 cm | 22.200.15 | 15.5 cm |  | 22.230.13 | 13 cm |
|  | 22.200.13 | 13 cm | 22.200.20 | 20 cm |  | 22.230.14 | 14.5 cm |
|  | 22.200.14 | 14.5 cm |  |  |  |  |  |



Atraumatic Tissue Forceps by Dentist Beck


### 22.824.17 17.5 cm

Due to their specially shaped working tips, the Tissue Forceps allow an easy and gentle grip and fixation of the tissue flap. There is no additional traumatism of the soft tissue. The Atraumatic Tissue Forceps can be used in all fields of dentistry and odontology (in surgery, parodontology and implantology).


Tissue Forceps, fine, $1 \times 2$ teeth



Tissue Forceps, standard, $1 \times 2$ teeth

A4 | 22.400 .13 |
| :--- |
| 22.400 .14 | 14.5 cm



## Micro-Adson

22.272.15 15 cm



$\stackrel{\text { E. }}{\stackrel{\text { ® }}{\circ}}$

22.489.01

15 cm , anatomical, fine spring

1.0 mm










## The ZEPF Retractor

pat. pend. by Dr. Peter Müller, Ebersbach


## Clear, non-tiring retraction in every situation

Retraction of the cheek, lips, tongue and mucoperiosteal flap. The ZEPF Retractor is a "quality product from Tuttlingen" and bears the name HELINUT ZEPF as seal of quality.

- ergonomic handle
- low-weight, very well-focused instrument
- innovative design
- multipurpose usage
- good view

- smooth surface, manufactured from one piece
- all common disinfection and sterilization methods possible


Retractor, for all Mouth Mirror
Handles Ø 2.5 mm

chromium-plated, not stainless

37.437.17 16.5 cm

Vestibulum Retractor acc. to Dr. Müller, Tuttlingen

Working end made of stainless steel, handle M 4.5 mm ,
Dr. Ti, made of titanium.

The Vestibulum Retractor acc. to Dr. Müller, Tuttlingen can be used in the dental field for all activities for which it is necessary to have a very good view as well as the best possible dryness.


The application in periodontology as well as in oral surgery is possible as the Vestibulum enables you to retract a complete quadrant. This offers a very good view on your field of work. The instrument can also be used to model the edges in the acrylic technique. The relative drying is possible with one hand which offers a better moulding.

The instrument can be used in many ways and is very easy to apply. This makes it very economical.

## Special features of the

 Maty Cheek and Lip Rectractors:- suitable for a wide variety of applications
- lightweight
- easy to use
- patient-friendly
- no traumatization of the oral cavity
- usable on upper or lower jaws
- ergonomically designed, saves time, thereby cutting costs
- does not need to be removed when work is interrupted since design prevents the dropping out
37.454.00

Maty Cheek and Lip Rectractor, 17.5 cm

## Maty Cheek and Lip Retractor

The light weight, versatility and anatomically shaped jaws of this instrument makes it suitable for use in a wide variety of applications in all areas of dentistry.
In prosthodontics, for safe impression technique, determining upper / lower jaw mismatches, fitting crowns, bridges, inlays, etc

- In orthodontics, for fitting brackets, etc.
- In general dentistry, for filling teeth, root-canal work, etc.
- In oral surgery, for outpatient surgery (apicoectomy, osteotomy, tumor and bone surgery, etc.), preprosthodontic surgery, traumatology, implantology (enossal implants, sinus lifting, GBR techniques, etc.)

Due to its diverse application possibilities and easy handling (no specialists required to retract lips, cheeks etc.) the retractor also contributes significantly to cost-efficiency.

Quality MADE IN GERMANY.
Our all-purpose cheek and lip retractor is yet another top-quality, high-precision, all-purpose instrument
"Made by HELInUT ZEPF Medizintechnik GmbH".
Rowe Disimpaction Forceps 24 cm
60.150.24
60.151.24
 right variant

Molt Mouth Props

| 37.261.11 | Pedo Prop, 11.2 cm |
| :--- | :--- |
| 37.261.14 | Adult Prop, 14 cm |



Replacement Inserts for Denhart Mouth Retractor (1 pair)


### 38.452.00

 Bowdler-Henry'sRake Retractor for impacted lower wisdoms


Retractor for mouth, jaw and face surgery, flexible, 15.5 cm


Obwegeser Retractor for mouth, jaw and face surgery, flexible, 16 cm
38.467.08 8 mm
38.467.10 10 mm

Weeder Tongue Depressor
37.426.01 \# 1, small
37.426.02 \# 2, big

## Kocher-Langenbeck

Retractor, 21.5 cm

38.430.03 $16 \times 30 \mathrm{~mm}$

38.430.02
$14 \times 30 \mathrm{~mm}$

38.430.01


## Obwegeser

Soft Tissue Hook, curved, 22 cm

38.428 .06
$16 \times 80 \mathrm{~mm}$
38.428.05 $14 \times 70 \mathrm{~mm}$

38.428.04

38.428.03

38.428.02 $10 \times 31 \mathrm{~mm}$
 -


## Obwegeser

Retractor, curved, concave blade, 22 cm

38.438.06
$14 \times 70 \mathrm{~mm}$

38.438.05
$12 \times 55 \mathrm{~mm}$

38.438.04 $10 \times 42 \mathrm{~mm}$

38.438.03 $10 \times 35 \mathrm{~mm}$

38.438.02
$7 \times 25 \mathrm{~mm}$

38.438.01
$5 \times 16 \mathrm{~mm}$


## Obwegeser

Retractor, curved, concave blade, 22 cm

38.445.06 $14 \times 70 \mathrm{~mm}$


## ZEPF Vestibulum Retractor

 by KapogianniThe HELInUT ZEPF Vestibulum Retractor according to Kapogianni is mainly used for the region of the lateral teeth in the upper jaw.

It is meant for the atraumatic holding of the prepared mucoperiosteal flap which is usually retracted in the area of the crista zygomaticoalveolaris. The crista often develops a distinctive osseous bow which makes it impossible to hold it away with a straight retractor.

This instrument is of great advantage especially during operations like the direct sinus lift, big augmentative interventions or other operations in the area from the cuspid to the rear lateral teeth.

Because of the three-dimensional arrangement of both retracting elements of this Vestibulum Retractor, the mucosa is retracted safely and a trauma due to continuous slipping is excluded. Of course, this retractor can be used for anatomically similar bone structures for safe and atraumatic working.


## Hemingway Sharp Spoon

Version $\mathbf{Z}$
non-serrated

## Version ZS

serrated


## Hemingway

Sharp Spoon,
16.5 cm
41.845 .11
\# 11, 2.5 mm
41.845 .22
\# 22, 3.0 mm
41.845.33
\# 33, 3.5 mm


## Hemingway

Sharp Spoon, modified, 17.5 cm

### 41.846.11

2.5 mm
41.846.22
3.0 mm
41.846.33
3.5 mm

Williger Raspatories


Elevators
Freer 41.864.01 Elevator, \#1, $4 \mathrm{~mm}, 18.5 \mathrm{~cm}$

## ZEPF-Raspatories

## Perfectly done.

HELITUT ZEPF Periosteal Elevators have a well-balanced design. The lame-design handles have a very handy shape. They are extremely easy to rotate, and due to the smooth surface, hygiene problems known from conventional handles are avoided.

## M

## Raspatory

extra wide,
very flat (1 mm)
with light concavity


## Prichard

## An arrester and raspatory, all in one.

Usable in all types of periodontic surgery, osteotomy, or root-tip resections. Its sharp, rounded tip is used for preparing papilla / loose tissue for excision. In periodontic treatments, its blunt tip allows arresting several flaps of loose tissue simultaneously. The curvature of its blunt tip makes it also a popular choice for osteotomies in the molar area (8-area), as well as for mirror raspas, since its contacting surfaces are highly polished Lingual surfaces may be very easily reached.

41.878.14

Retractor, left / right combination,
$30^{\circ}$ angled, doubleended, 17.5 cm

## Glickmann

## Periosteal Elevator and Flap

 Knife in one instrument.The flap knife is as sharp as a scalpel. (lt has to be resharpened regularly!). Small additional cuts can be made in the interdental area. You do not have to switch to a standard scalpel. The delicate, round and sharp working tip is used to peel off / to cut the flap.

## Combination-Instruments

Spiculum Raspatory and
round Periosteal Elevator, 17.5 cm

## Micro Friedmann

Micro Bone Rongeur Forceps


Bone Rongeur Forceps



Bone Rongeur Forceps, 15.5 cm


Bone Rongeur Forceps, 15 cm


## Mini Friedmann

Bone Rongeur Forceps


Beyer 18 cm
Bone Rongeur Forceps,
double action


Zaufal-Jansen 18 cm Bone Rongeur Forceps, double action


17 cm
Bone Rongeur Forceps,
bajonet, \# 18


Cleveland
Bone Cutting Forceps


Ruskin-Liston 18.5 cm
Bone Cutting Forceps, double action


Antrum Punch Forceps

Antrum Punch Forceps, $90^{\circ}$
shank diameter 7 cm
(42.380.01 bite width 4 mm

| M |
| :--- |
| $\square$ |



Cohen Soft Tissue Nippers


Cohen 10 cm
Cohen Soft Tissue Nipper


Controlled dropping of the blade

## ZEPF Blade Holder

The ZEPF Drop-Control Blade Holder combines the design of the regular blade holder 46.007 .00 with a new and revolutionary function.
With reference to the mechanism of a ball pen, the blade will be dropped off by pushing the button at the end.

The object of this development was a simplified application with the same diameter of the blade holder. Therefore there is no need to adapt to a new application / ergonomics for our regular blade holder! The ZEPF ‘Drop-Control’ Blade Holder perfectly fits into our ZEPF Design product range for surgery, implantology and microsurgery thanks to its diameter, design and ergonomics.

By pressing the button at the end of the blade holder the mechanism which lifts the blade is triggered off. The blade is pushed forward so that it falls safely and controlled in a tray or cup.

Afterwards the one-hand ejection function moves back in its initial position. After cleaning and sterilization you can insert a new blade - as usual.

The advantage lies in the fact that the used blade can be removed in a safe and controllable way in order to prevent a contaminated injury or infection.


ㄷIDrop-Control


## Scalpel Blades



## Micro Surgical Scalpel Blades



Klingex

### 46.005.70

Safety Blade Remover


Place the blade


Lift the blade by pressing


[^0]

## ZEPF-Line Instruments

By PD Dr. Weng, 17.5 cm
+


ZEPF 3D-Blade Holder


Our HELITUT ZEPF 3D-Blade Holder will allow you to position blades easier than ever before!

In designing this blade holder, particular attention was devoted to make it easy to use, clean and sterilize.

### 46.007.05

3D-Blade Holder Handle ZEPF-Line, 12.5 cm

### 46.007.50

Pivoted Head for 3D-Blade Holder, exchangeable, incl. Allen key M2.5

### 46.007.10

3D-Blade Holder Handle with Pivoted Head, 12.5 cm

Attachments by Dr. Hildebrand, Berlin

Blade Holder
46.007.20
for standard blades \# 10-15

Gingiva Retractor



## ZEPF Onyx Scissors

The Onyx coating offers a 3-5 times higher surface hardness compared to traditional scissors. In combination with the "Supercut" grinding (see page 06-34), this guarantees an extremely long product life and application as well as a very high precision and wear resistance.

The extraordinary surface smoothness is leading to an easy slide of the scissor blades even under highest strain. Due to the physical / chemical combination of the coating, no undesirable reaction will be caused during sterilization or usage of solvents. Furthermore, the anti-glare surface avoids disturbing light reflections.

For further information on the illustrated scissors, please refer to the following pages.

## What is

SC stands for "Supercut" and means that scissors with that designation have been specially ground, not only to make them sharper than ordinary scissors, but yields a much better cutting angle (cf. the accompanying illustrations).

## What is $\bar{〔}$ ?

TC stands for "Tungsten Carbide", a material whose superior strength wear resistance and hardness are its major properties that distinguish it from conventional materials.

46.081.16
46.081.16SC
46.081.16TISC

## Fine Preparation Scissors

The curved blunt Preparation Scissors are used for preparation in the least traumatic way of separating tissue into connective tissue layers.

The surgeon pushes the scissor parallel to the skin or to the level of the layers which should be separated (picture 2), opens the scissor and pulls it back in an opened position.
The tissue layers are separated by spreading movements of the scissor blades and the required layer is opened (picture 3)
The tip of the scissor is usually facing the less sensitive structures.

In the second instance the scissor is used for cutting.

46.069.11

Fine Preparation
Scissors
curved, 11.5 cm


## Goldman-Fox

curved, 13 cm
curved:
straight:

46.201.13
46.200.13

46.201.13SC
46.200.13SC

46.201.13TC
46.200.13TC

46.121.17

## Scissors



curved, serrated, 16 cm

\# 1, blunt / blunt, curved, 14 cm


tapered tips, curved, 12 cm

46.221.12

straight:
46.516.14
curved:
46.517.14



Surgical Scissors
\# 2, straight, blunt / blunt

46.402.13
46.402.14


Surgical Scissors
\# 3, straight, pointed / pointed


13 cm :
14.5 cm :
46.404.13
46.404.14


## Beebee

Crown Scissors, straight, pointed, 10 cm

46.674.10

## Beebee

Crown Scissors, curved, pointed, 10 cm

46.675.10

## Needle Holder

## Lichtenberg

The inside of the blades of our Lichtenberg Needle Holders are especially constructed with a scooped-out design to reduce weight to a miniumum. This also improves the balance.

## Lichtenberg-Ryder 3/0-4/0

straight, with detent and latching mechanism


Mathieu 2/0-4/0
straight with TC


Mathieu 3/0-4/0
straight without TC


Langenbeck-Ryder 2/0-4/0
straight, TC, suture slot


16 cm :
18 cm :

## Needle Holder

## Swedish Model

A very fine needle holder which can also be used as micro needle holder. The flexible grip ends increase tactile feeling and reduce the "cracking" of the three-step lock.

$15 \mathrm{~cm}: 41.246 .15$ TC



Surgical Aspirators
Curved, with slot against sucking in, 17.5 cm

### 19.649.15 Ø 1.5 mm

19.649.30

## JTnus-line

The specially bent Sinus-Line Aspirators with titanium tip were developed by Dr. Maty.
19.651.15 Surgical Aspirator, titanium tip, $\varnothing 1.5 \mathrm{~mm}$
19.651.30 Surgical Aspirator, titanium tip, $\varnothing 3.0 \mathrm{~mm}$

Syringes and Cannulas


Metal Syringe, self-filling, with 1 cannula (Luer-Lock)
85.252.140

Round Bowl, stainless steel, $\varnothing 80 \mathrm{~mm} \times 40 \mathrm{~mm}$ high, content 0.14 I
19.762 .00

Cannula with LuerLock Connector

## Retraction-Thread Plugger

The ergonomic shape of the instrument tips allows plugging of the thread even in difficult spots.

The notch at the tips make it substantially easier to tie the thread around the tooth, the thread remains in the pocket and does not stick to the instrument.

The plugger is made of stainless steel and has the new ZEPF $\bullet \mid \bigcirc \cap \Vdash$ Handle.

24.548.01 Retraction-Thread Plugger, exchangeable

Bowman Probes, buttoned, 13 cm , German Silver


## Luniatschek



Miller Bone- \& Alveolotomy File

Parallel cut, 17.5 cm


x I

Mirrors for Interoral Photography

Titanium-coated front surface for very clear picture.


### 24.058.02

Mirror for children, palatinal pictures, width 5.5 cm

### 24.058.01

Mirror for adults, palatal pictures, width 6.8 cm


Mirror for lateral pictures,
width 3.5 cm
24.058.04

Mirror for lingual
pictures,
width 5.4 cm

for occlusal pictures Big Mirror, 6.8 cm
for lingual pictures Small Mirror, 5.5 cm
24.058.10

1 pair of Mirrors,
stainless steel, polished


The big hammer lies perfectly in the hand. Due to its (woodlike) material consistency, it offers a superior feeling in osteotomizing. No feel of metal, no loosening of plastic inserts


Hammer, Ferrozell, head $\varnothing 42 \mathrm{~mm}, 170 \mathrm{~g}$, total weight $240 \mathrm{~g}, 260 \mathrm{~mm}$ long
41.503.01

Hammer, Ferrozell, head $\varnothing 35 \mathrm{~mm}, 100 \mathrm{~g}$, total weight $180 \mathrm{~g}, 250 \mathrm{~mm}$ long, fitting washbasket


[^0]:    Pull the blade forward

