# meddins dental instruments



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# **MEDDINS** is a manufacturer of dental instruments with **High-Quality standards**.

Working with dentists and experts all over the country, we took into account all wishes and experience of many years of practice and together we created an instrument that makes the work process more effective. The Meddins dental instrument is an irreplaceable assistant because of its increased ergonomics and improved working parts.

High standards of Quality control, using certified materials and production automation allow the Meddins instruments to meet national Quality standards.

Instruments are manufactured in Ukraine at the Staleks factory.

**Create smiles with Meddins!** 



4 | our production our production | 5

#### OUR PRODUCTION

**Meddins** is the first Ukrainian manufacturer of dental instruments of world quality standards. The products are manufactured in the STALEKS factory.

This is a full-cycle production enterprise, where the creation of an instrument begins with the preparation of a steel wheel and ends with the packaging of the finished product.

The factory is managed by technologists with more than 20 years of experience and is equipped with high-tech German and American equipment. STALEKS technical and production equipment includes over 1700 pieces of equipment and is located in 13 production units.

We expanded our production capacity and opened another factory in Radom, Poland. This allowed us to open our high quality instruments to the world and take another big step towards our common goal.



6 | diagnostics | 7

## **DIAGNOSTICS**

Oream. Endeavour.
Reach.



\* specifications of the instruments specified below may have a reasonable error

# O O medd

#### **DENTAL DRESSING TWEEZERS**

#### TYPE 1

- the working parts of the instrument fit tightly to each other and close smoothly
- · without fixing the lock



DDI 201

#### **DENTAL MIRROR HANDLE**

#### TYPE 1

DDI 01

- · perfectly balanced
- handle diameter 9.5 mm
- · weight reduced 21 g







10 | diagnostics | 1

# **DENTAL PROBES**



12 | dental probes dental probes | 13

# medd.

#### DIAGNOSTIC EXPLORER

#### single-ended

TYPF 5

 the explorer has a small pointed tip in the working part, thanks to this design, the instrument is best adapted to any surfaces of both the chewing and the central group of teeth



DDI 10 s1

#### DIAGNOSTIC EXPLORER

#### single-ended TYPE 6

- · for detection of carious cavities
- · corrosion resistant steel





### for exploration of distal and occlusal cavities TYPE 3

- the sickle-shaped working part and the pointed tip allow you to use the explorer in deep and hard-to-reach areas of the oral cavity
- the curved end is used to inspect and examine fissures, carious cavities, mouths of root canals, fixed orthopedic and orthodontic structures



#### DIAGNOSTIC EXPLORER

#### diagnostic standard TYPE 1

- · the working parts are thin and strong
- tip thickness 0.2 mm

DDI 10 s1-s2

DDI 10 d3-o4

 comfortable for detecting carious cavities and determining the topography of the mouths of root canals







14 | dental probes dental probes | 15

#### NORTH CAROLINA PROBE

#### (1-2...14-15) TYPE 3

- · color-coded University of North Carolina Probe with scale 1-2-3 ... 15 mm
- allows easy detection of the presence and depth of periodontal pockets
- · can also be used to examine cavities affected by caries



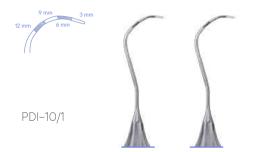


#### **EXPLORER NABERS**

#### TYPE 1

PDI-10/3

- for probing the furcation area
- scale 3-6-9-12 mm
- does not give glare
- laser marking that is clearly visible in any clinical situations



#### **DIAGNOSTIC PROBE (WHO)**

#### TYPF 4

- WHO CPITN-C scale
- laser color marking 3.5-5.5-8.5-11.5 mm
- atraumatic spherical tip with a diameter of 0.5 mm



#### **DIAGNOSTIC PROBE**

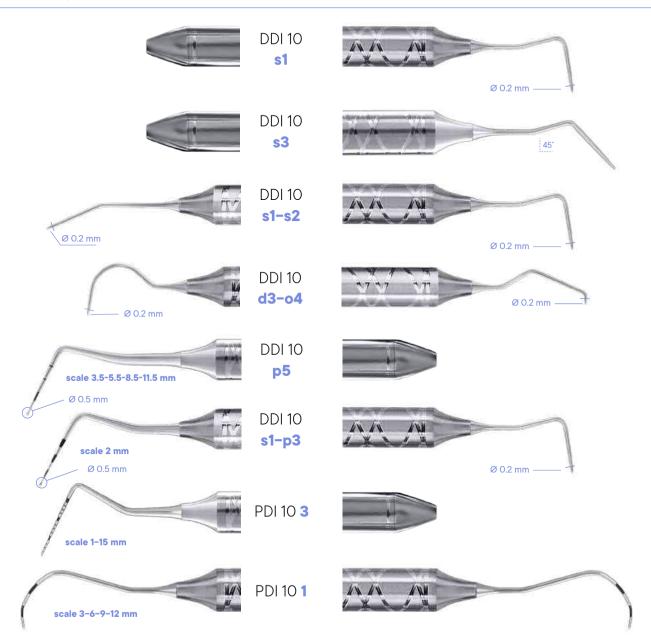
#### diagnostic standard 2 mm TYPE 2

- laser color marking with 2 mm scale
- atraumatic spherical tip of 0.5 mm
- explorer doesn't pierce the bottom of the periodontal pocket





16 | dental probes dental probes | 17



18 | therapy

## THERAPY

Success is in your hands

therapy | 19





22 | modelling spatulas modelling spatulas | 23

#### THIN RESTORATION SPATULA

#### TYPF 1

- · very thin instruent for accurate modeling
- · ideal for interaction with the vestibular walls of front teeth
- · reduced weight due to the hollow handle



TDI 40 t1

TDI-40/t2

#### **MODELLING SPATULA**

#### for Hard-to-Reach Areas TYPE 2

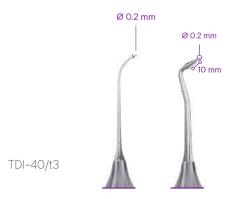
· convenient to work in hard-to-reach areas



#### SPATULA FOR MODELLING FISSURES

#### TYPE 3

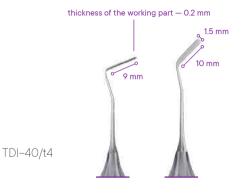
- working parts are thin and pointed
- for accurate fissure modeling



#### **AESTHETIC COMPOSITE MODELLING**

#### **SPATULA** TYPE 4

- very flexible working part allows to work precisely and carefully
- · thin foot allows you to pass through tight places



24 | modelling spatulas modelling spatulas | 25

#### **REVERSED SPATULA MINI**

#### TYPE 2

- has two working parts curved in a plane, which provide access to cavities in proximal zones
- thin instrument is ideal for forming cavities of small diameters

thickness of the working part - 0.3 mm



TDI 40 r2s

#### REVERSED SPATULA

#### TYPE 3

TDI 40 r3I

- ideal for working in medium and large cavities, proximal and cervical surfaces, as well as for laying matrices
- · corrosion resistant steel

thickness of the working part - 0.4 mm



#### CARVER WITH CUTTING EDGE

#### TYPF 4

- working parts are thin and pointed
- · for accurate modeling at contacts

thickness of the working part — 0.4 mm



#### **DENTAL SPATULA**

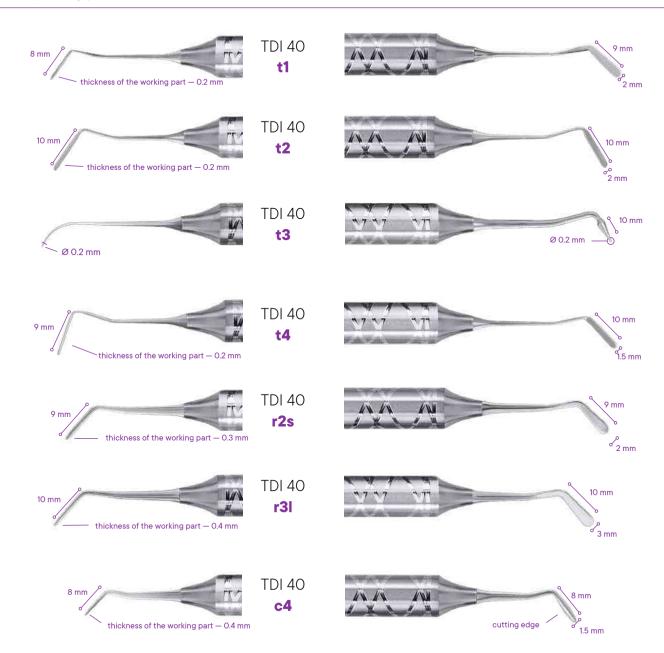
#### TYPE 1

· at both ends, there are straight blades of different lengths



DDI 70

26 | modelling spatulas modelling spatulas | 27



28 | therapy | 29

### **SPATULA - PLUGGER**

Whoever you are strive to be better

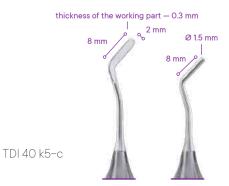


0 | spatula - plugger spatula - plugger | 31

#### **MODELLING SPATULA - PLUGGER**

#### cylindrical TYPE 5

- · the shape of the plugger is a cylinder
- · suitable for modeling composites on large surfaces
- · ergonomic handle



#### **MODELLING SPATULA - PLUGGER**

#### ball TYPE 6

TDI 40 k6-b

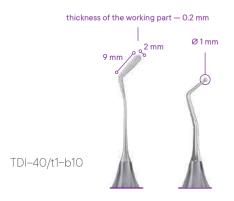
- · the shape of the plugger is a ball
- · suitable for modelling composites in large cavities
- corrosion resistant steel



#### **MODELLING SPATULA - PLUGGER**

#### ball TYPF 9

- thin spatula with working part of 0.2 mm
- ball shape plugger of 1 mm diameter



#### **MODELLING SPATULA - PLUGGER**

#### ball TYPE 8

- · thin spatula with working part of 0.2 mm
- · ball shape plugger of 1.5 mm diameter





32 | spatula - plugger | 33

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#### **MODELLING SPATULA - PLUGGER**

#### ball TYPF 7

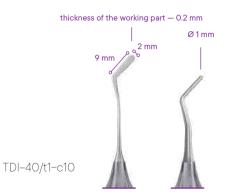
- spatula has thin working body of 0.2 mm
- · ball shape plugger of 2.5 mm diameter



#### **MODELLING SPATULA - PLUGGER**

#### drop TYPE 11

- · thin spatula with working part of 0.2 mm
- · drop shape plugger of 1 mm diameter



#### MODELLING SPATULA - PLUGGER

#### drop TYPE 10

- thin spatula with working part of 0.2 mm
- drop shape plugger of 1.5 mm diameter



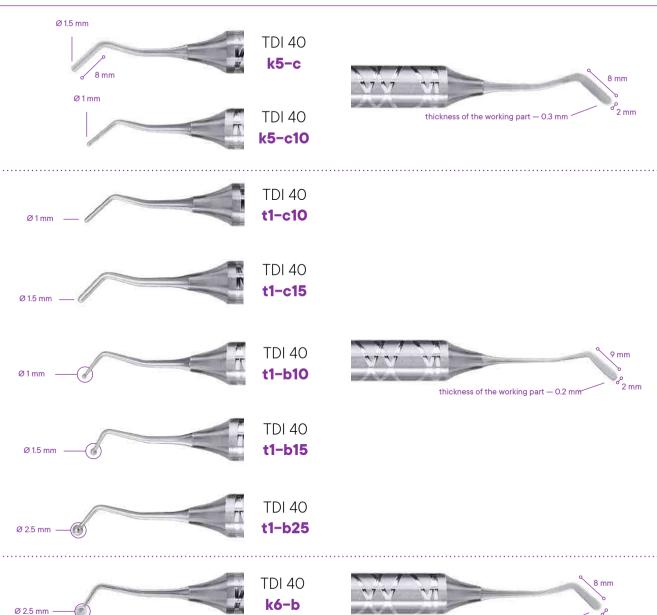
#### MODELLING SPATULA - PLUGGER

#### drop TYPE 12

- · thickness of the working part is 0.2 mm
- · drop shape plugger of 1 mm diameter



34 | spatula - plugger | 35



thickness of the working part - 0.3 mm-

A clear goal is the first step to any achievement



therapy | 37

## **PLUGGERS**

38 | pluggers pluggers | 39

#### DENTAL PLUGGER

#### for Composite Modelling TYPE 4

- · for large and small cavities
- convenient for working on the front and back walls





#### **DENTAL PLUGGER DOUBLE-ENDED**

#### ball TYPE 6

TDI-50/b10-15

TDI-50m

- · the shape of the plugger is a ball
- · size of the plugger-balls is 1.0 mm and 1.5 mm





#### ball TYPF 1

- the shape of the plugger is a ball
- can be used for sealing cavities located in hard-to-reach areas



#### **DENTAL PLUGGER DOUBLE-ENDED**

#### cylindrical TYPE 4

- · the shape of the plugger is a cylinder
- · diameter of the plugger cylinders is 1.0 mm and 1.2 mm



TDI-50/c10-12

40 | pluggers pluggers | 41

#### PLUGGER DOUBLE-ENDED

#### cylindrical TYPE 2

- the shape of the plugger is a cylinder
- working parts are thin and strong
- plugger is convenient to use





#### PLUGGER DOUBLE-ENDED

#### cylindrical TYPE 3

TDI 50 c18-25

- the shape of the plugger is a cylinder
- · well-balanced instrument, which does not load hand and protects it from repetitive stress injury



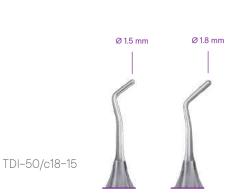
#### **DENTAL PLUGGER DOUBLE-ENDED**

#### cylindrical TYPE 5

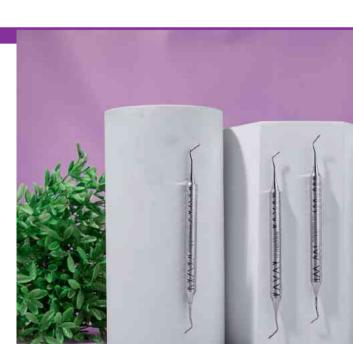
TDI 50 c12-20

- · the shape of the plugger is a cylinder
- · diameter of the plugger cylinders is 1.8 mm and 1.5 mm

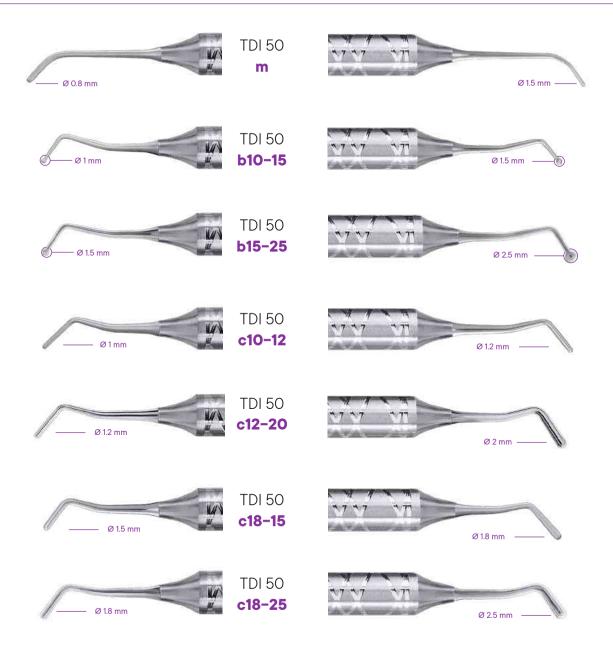








42 | pluggers | 43



# COMPOSITE MODELLING INSTRUMENTS

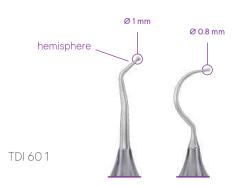
44 | therapy

Perfection is not when there is nothing to add, but when there is nothing to deduct



### COMPOSITE MODELLING INSTRUMENT semilunar TYPE 1

- the type of working parts hemisphere and ball
- easy work in hard-to-reach areas
- reduced weight due to hollow handle



#### **COMPOSITE MODELLING INSTRUMENT**

#### tapered for tubercles TYPE 2

- the type of working part cone
- intended for the anatomical formation of composite fillings and adhesive materials on occlusive surfaces
- · can be used as a plugger

TDI 602





46 | modeling instruments modeling instruments | 47

#### **COMPOSITE MODELLING INSTRUMENT**

#### tapered TYPE 3

- the type of working part cone
- intended for the anatomical formation of chewing humps and fissures
- can be used as a plugger





#### **COMPOSITE MODELLING INSTRUMENT**

#### TYPE 5

Resin and adhesive residue remover.



#### **COMPOSITE MODELLING INSTRUMENT**

#### ball-taper TYPE 4

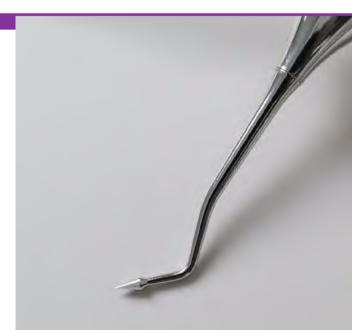
TDI 603

TDI 604

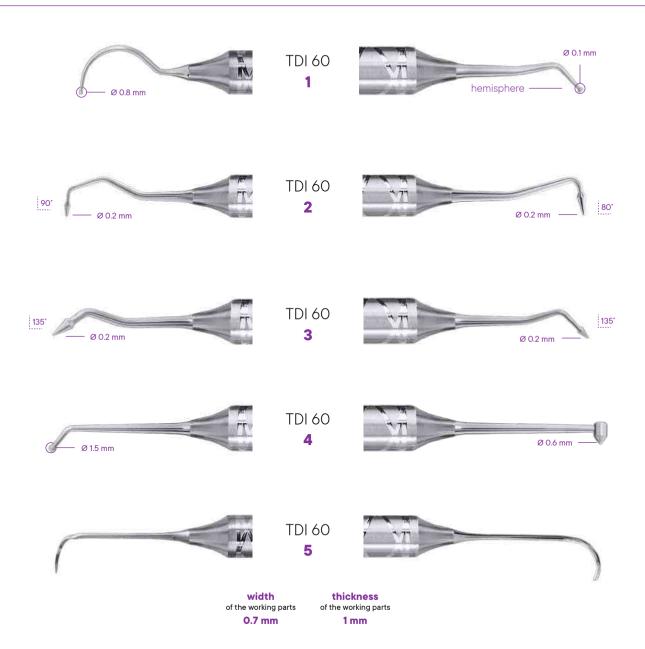
- · designed specifically for the layer-by-layer technique of working with composite materials
- · is suitable to work with all types of composite materials







48 | modeling instruments | 49



50 | therapy

## **EXCAVATORS**



#### DENTAL EXCAVATOR

#### round TYPE 2

- operating tips have rounded curved edge
- cutting edge is well-sharpened
- reduced weight due to the hollow handle



DDI 301m





#### DENTAL EXCAVATOR

#### straight TYPE 3

- · symmetrical working parts have straight sharp edges
- combines the advantages of a functional excavator and an enamel knife







54 | endodontics endodontics | 55

#### **DENTAL INSTRUMENTS KIT**

#### TYPF 1

#### The Endo Kit includes:

- Dental Mirror Handle with Ruler DDIE-01/01
- Dental Excavator micro TYPE 1 DDIF-30/s
- Periodontal Probe TYPE 7 (3 mm scale) DDIE-10/p6
- Endo Explorer TYPE 4 DDIE-10/04
- Endo Explorer TYPE 5 DDIE-10/05
- Sterilization Dental Tray for Instruments TYPE 1 SIM 80 s

TDI-Dent/01

# COLLABORATION WITH INDUSTRY EXPERTS

The **Endodiscovery Kit** was created in collaboration with **Stanislav Geranin**, Candidate of Medical Sciences, a dentist specialising in endodontics and restorative dentistry. The main goal of developing this Kit was to improve the ergonomics and comfort of the work process.

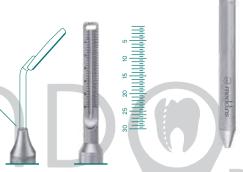
**Stress-free treatment** is Stanislav's main motto, which became the main principle during the development.



#### **DENTAL MIRROR HANDLE**

#### with Ruler

- ergonomic, lightweight handle with anti-glare surface is designed for use with the operating microscope
- handle tip with an additional 30 mm endodontic ruler



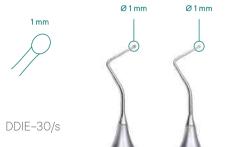
#### **DENTAL EXCAVATOR**

#### micro TYPE 1

universal thread

DDIE-01/01

- ergonomic, lightweight handle with anti-glare surface for use with the operating microscope
- · curved excavator head
- · the diameter of the excavator's working part is 1 mm



#### PERIODONTAL PROBE

#### 3 mm scale TYPF 7

- the working part is graduated on a scale of 3-6-9-12 mm
- the probe has an atraumatic rounded tip for safe probing
- the diameter of the ball tip is 0.5 mm



DDIE-10/p6

#### ENDO EXPLORER

#### TYPE 4

- ergonomic, lightweight handle with anti-glare surface for use with the operating microscope
- · extended working part with a sharp tip



#### ENDO EXPLORER

#### TYPE 5

- ergonomic, lightweight handle with anti-glare surface to work with the operating microscope
- extended working part with a sharp tip





DDIE-10/05

# A meddins

#### **ENDO EXPLORER**

#### TYPE 2

• used to open the tooth cavity and find the mouths of canals



DDIE-10/02

#### **ENDO EXPLORER**

#### TYPE 1

DDIE-10/01

- used to identify and open small root canal mouths during endodontic manipulations
- · to remove calcification from the root canal within the pulp
- to shift fragmented instruments in the canal to facilitate their removal



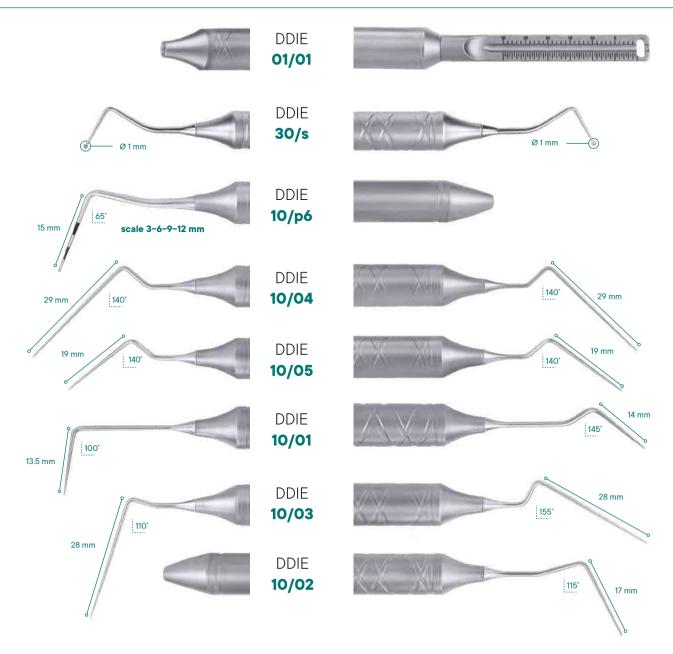
#### **ENDO EXPLORER**

#### TYPE 3

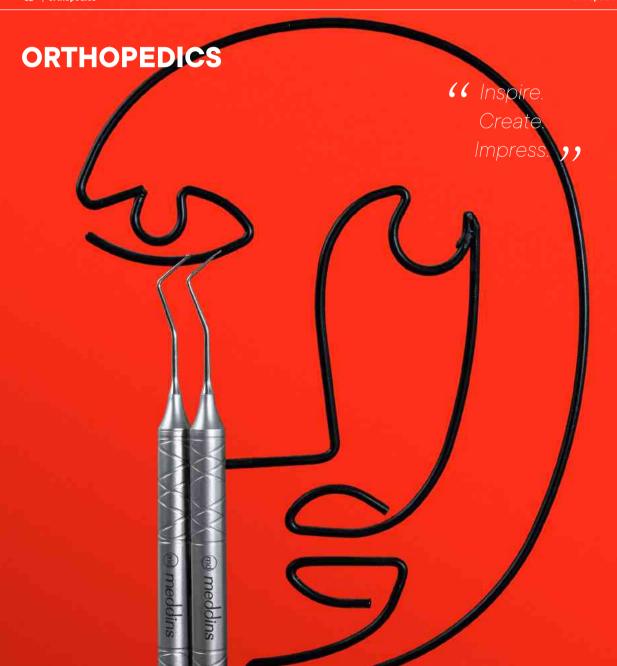
 used for deep probing of root canals during endodontic manipulations







62 | orthopedics orthopedics | 63



64 | orthopedics orthopedics | 65

# COLLABORATION WITH INDUSTRY EXPERTS

The instruments from this line are developed together with **Maksym Bilograd**, an expert in aesthetic, restorative dentistry and endodontics founder of BeloGrad Academy, who is one of the most famous international teachers and trainers in the field of modern dentistry.





#### TYPE 1

- Ergonomic handle with anti-glare surface reduces the risk of carpal tunnel syndrome
- The instrument is made of medical grade stainless steel and is therefore resistant to corrosion and aggressive chemical environments
- Retentive notches on the outer surface of the handle ensures that the instrument does not slip in fingers

thickness of working parts — 0.15 mm





#### PACKER

#### TYPF 2

- Ergonomic handle with anti-glare surface reduces the risk of carpal tunnel syndrome
- The instrument is made of medical grade stainless steel and is therefore resistant to corrosion and aggressive chemical environments
- Retentive notches on the outer surface of the handle ensures that the instrument does not slip in fingers







#### **PACKER**

#### TYPE 3

- Ergonomic handle with anti-glare surface reduces the risk of carpal tunnel syndrome
- The instrument is made of medical grade stainless steel and is therefore resistant to corrosion and aggressive chemical environments
- Retentive notches on the outer surface of the handle ensures that the instrument does not slip in fingers







66 | surgery | 67



68 | surgery | 69

# Surgical instruments were developed in collaboration with industry experts



Algirdas
Puisys
Doctor of Medical Sciences, leading
periodontist and implantologist of the
«Vilnius Implant Center» Clinic.
Vilnius, Lithuania.



Volodymyr Sobolevskyi Implantologist-dentist.

**Myroslav** 



**Shelest**Chief doctor of the «Shelest» Clinic, dentist-surgeon, implantologist.
Honored Doctor of Ukraine.

Yevhen



**Solonko**Periodontist, specialist in periodontics and implantology certified by EFP.



Oksana Potupa

PhD, Msc dental surgeon, expert in clinical periodontology. University of Complutense, Spain. President-elect of the Ukrainian Academy of Periodontology (UAP), Member of the Spanish Association of Periodontology and Osteointegration (SEPA).

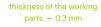
70 | surgery | 71



72 | surgery surgery | 73

# PERIOTOME FOR DISTAL AREA double-ended

 For periodontal ligament resection with minimal damage to the surrounding bone



width of the working width of the working part - 1.6 mm part - 1.2 mm



SDI-28/01



# **PERIOTOME**

SDI-28/03

· For periodontal ligament resection with minimal damage to the surrounding bone





# double-ended

 For periodontal ligament resection with minimal damage to the surrounding bone

PERIOTOME FOR FRONT AREA



width of the working part - 2 mm



# **PERIOTOME**

thickness of the working part -1 mm

· For periodontal ligament resection with minimal damage to the surrounding bone

> width of the working part - 4.4 mm

thickness of the working

width of the working part - 0.7 mm part -5 mm



SDI-28/04





# COLLABORATION WITH INDUSTRY EXPERTS

# **DR.SHELEST**

The instruments were developed together with **Yevhen Shelest** - dental surgeon, implantologist, chief doctor of the «Shelest» Clinic, honored doctor of Ukraine.





76 | surgery surgery | 77

# **PERIOTOME**

# straight

 For periodontal ligament resection with minimal damage to the surrounding bone

thickness of the working part 0.35 mm



SDI-28/05

# PERIOTOME

# straight

 For periodontal ligament resection with minimal damage to the surrounding bone

thickness of the working part 0.3 mm



SDI-28/07

**PERIOTOME** angled

to the surrounding bone

# **PERIOTOME**

#### reverse

· For periodontal ligament resection with minimal damage to the surrounding bone

thickness of the working part 0.35 mm







thickness of the working part

· For periodontal ligament resection with minimal damage





SDI-28/08







# **MOLT RASPATORY**

· For periosteum stripping from the bone

width of the working part  $-8.3 \,\mathrm{mm}$ 

thickness of the working part -2.3 mm

width of the working part — 4.5 mm

thickness of the working part — 1.8 mm







TYPE 1

SDI-29/M

· For periosteum stripping from the bone

width of the working parts - 2 mm

thickness of the working parts — 0.5 mm





# **BUSER RASPATORY**

For periosteum stripping from the bone

width of the working part  $-4.3 \, \mathrm{mm}$ 

thickness of the working

width of the working part -4 mm

thickness of the working part — 1.4 mm





# **MICRO RASPATORY**

TYPE 1

SDI-29/B

- For periosteum stripping from the bone

thickness of the working part — 0.4 mm

 $\begin{array}{ccc} \text{width of the working} & \text{width of the working} \\ & \text{part} & -3 \text{ mm} & \text{part} & -2 \text{ mm} \end{array}$ 



SDI-29/micro/01

82 | surgery surgery | 83

# SURGICAL RASPATORY

#### TYPF 1

For periosteum stripping from the bone

width of the working parts - 2.9 mm

thickness of the working parts - 0.3 mm





# **SURGICAL RASPATORY**

#### TYPF 2

· For periosteum stripping from the bone

width of the working parts  $-2.9 \,\mathrm{mm}$ 

thickness of the working





# SURGICAL RASPATORY

#### TYPF 3

For periosteum stripping from the bone

width of the working part - 1.5 mm

width of the working part - 3.9 mm

thickness of the working thickness of the working part  $-0.9 \,\mathrm{mm}$ 

part - 1.1 mm





SDI-29/03

### **SURGICAL RASPATORY**

#### TYPF 4

· For periosteum stripping from the bone

width of the working width of the working part  $-2.3 \, \text{mm}$ part - 3.8 mm

thickness of the workinthickness of the working part - 0.7 mm part - 0.8 mm

SDI-29/04





Developed together with Volodymyr Sobolevsky



# **LUCAS CURRETTAGE SPOON**

#### 25 mm

 For small fragment removal from the hole, as well as curettage of granulation tissues



# **LUCAS CURRETTAGE SPOON**

#### 3 mm

 For small fragment removal from the hole, as well as curettage of granulation tissues



# PERIODONTAL SURGICAL CURETTE

#### TYPF 1

· For bone tissue removal

width of the working parts — 3.4 mm

thickness of the working parts — 1.2 mm





# **PERIODONTAL SURGICAL CURETTE**

#### TYPE 2

· For bone tissue removal

width of the working parts — 1.4 mm

thickness of the working parts — 1.1 mm



SDI-12s/02



90 | surgery

# SINUS LIFT INSTRUMENT

#### TYPE 1

· For Schneider's membrane elevation



# SINUS LIFT INSTRUMENT

#### TYPE 3

SDI-13/03

· For Schneider's membrane elevation



# SINUS LIFT INSTRUMENT

# TYPE 2

· For Schneider's membrane elevation



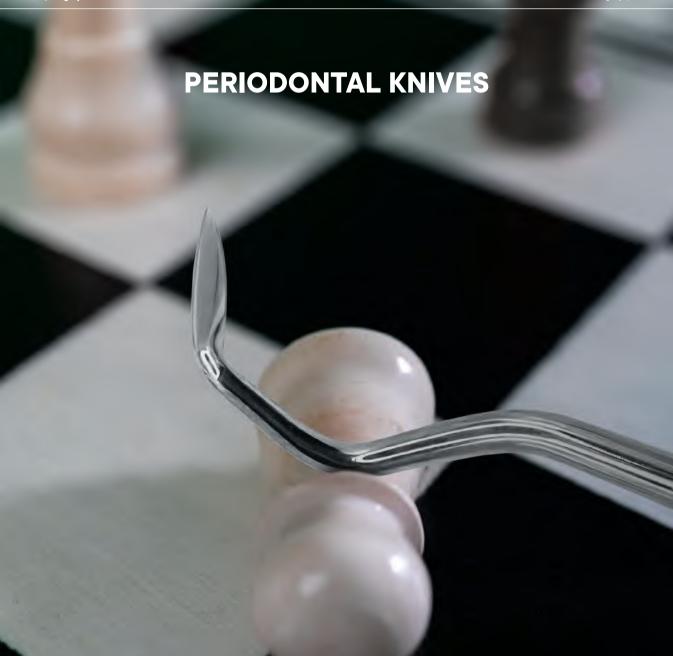
surgery | 91

# **SINUS LIFT INSTRUMENT**

#### TYPE 4

· For Schneider's membrane elevation





94 | surgery surgery 95

# ORBAN PERIODONTAL KNIFE

#### TYPF 1

It is intended for careful and maximally accurate dissection of soft tissues

width of the working parts — 2.6 mm

thickness of the working parts — 0.8 mm





ALLEN PERIODONTAL KNIFE

#### TYPE 1

SDI-27/O/01

· To prepare for marginal gingival incision

width of the working parts — 1.5 mm

thickness of the working parts — 0.4 mm





# **ALLEN / ORBAN PERIODONTAL KNIFE**

#### TYPF 1

· For hypertrophied marginal gum incision

width of the working parts - 2.6 mm

thickness of the working





**ROOT ELEVATOR** 

#### curved

SDI-27/AO/01

· For removal ooth roots or separate them from sockets.

length of the working parts — 8.3 mm

width of the working parts - 2.6 mm

thickness of the working parts  $-1.3 \,\mathrm{mm}$ 





# **SPACE ORGANIZATION SYSTEMS**

Success begins with regime

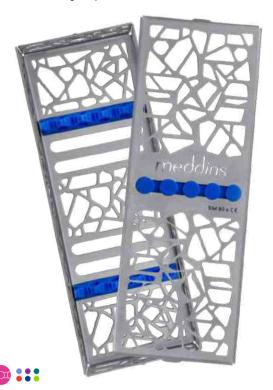


98 | Space organization systems Space organization systems | 00

# STERILIZATION DENTAL TRAY

#### for Instruments TYPF 1

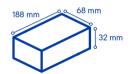
- holds 5 dental instruments
- thanks to the special shape of the clamps, the instruments do not slip in the container and are protected from damage during transportation



#### SIM 80 s

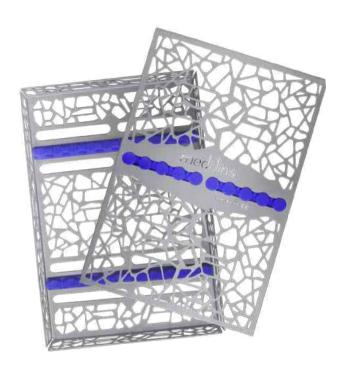


lock type - locking bolt



# STERILIZATION DENTAL TRAY

(10 instruments) TYPE 4

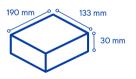




SIM-80/10



lock type - locking bolt



100 | Space organization systems Space organization systems | 101

# STERILIZATION CASSETTE

(5 instruments)

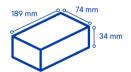








tip-up support stand



# STERILIZATION CASSETTE

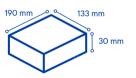
(10 instruments)











# **DENTAL TRAY SIMPLE**

# (8 instruments)

- designed for disinfecting and storing sterilised dental instruments, including Meddins instruments with an enlarged working part
- the absence of micropores on the perfectly polished surface prevents the growth of pathogens

# **DENTAL BURS BOX**

# with Top

 designed for transporting, storing and disinfecting dental burs. handpieces and other removable parts of hand instruments

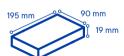












SIM-80/b







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