



Interproximal reduction
made easy ...

... with a set that
comprises a TorqTech
linear motion contra
angle and
Ortho-Strips IPR



MOBITA

TOROTECH

CA-4R-O-PF

SN B 10004



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A perfect team: The linear motion contra angle and Ortho-Strips

Interproximal reduction (IPR) is a standard procedure to create space for orthodontic treatments, in which the tooth widths are adapted to the existing intra-arch space by means of proximal stripping, i.e. without extraction, expansion or protrusion.

Morita has developed a perfectly matched system of instruments, with which clinicians can remove the enamel quickly as well as contour and polish the enamel: the TorqTech CA-4R-O-PF linear motion contra angle and Ortho-Strips IPR.

Linear motion - an advantage in IPR treatment?

You can use the linear motion whenever you want to attain smooth surfaces as well as flowing and invisible transitions, and when you are confronted with a small treatment space. The advantage of the linear motion is the oscillating motion and outstanding adaptation of the Ortho-Strips:

- The adjacent teeth are not injured
- The interdental papilla are treated gently
- The enamel surfaces that were treated exhibit the best possible quality

TorqTech CA-4R-O-PF linear motion contra angle

The contra angle is perfectly suited for IPR treatments. It converts the rotary motion of the motor into a strong, linear motion. With a 4:1 gear ratio and a wide range of number of throws, TorqTech will support your treatment in an optimal way.

Additional advantages:

- Small instrument head provides good visibility of the treatment area
- Very quiet running properties
- Effective cooling with precise spray
- The instrument's well-balanced design and low weight of only 67 g relieve the hand and finger muscles
- Throw: 1.1 mm
- Bright illumination of the working area



The benefits of TorqTech and Ortho-Strips

- Wide range of number of throws with a maximum of 10,500 throws/minute
- Gentle opening of the interdental space since TorqTech can be adjusted finely
- Very quick removal of enamel due to high torque
- Ledging as a result of canting or jamming is prevented
- Possibility of contouring
- Polishing the enamel
- The strips are anchored safely in the chuck

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Interproximal reduction - Procedure

as developed by Dr. Heiko Goldbecher

“IPR has become an indispensable technique for obtaining optically perfect treatment results. In our practice we use Morita’s TorqTech CA-4R-O-PF linear motion contra angle together with Ortho-Strips, because we were not able to achieve an equally good result within the same time span with any other system.”



Starting situation



Step 1

Separation of the teeth with rubber separators



Step 2

Application of a surface anesthetic to analgesize the interdental papilla



Step 3

Opening the interdental space with the Ortho-Strip Opener IPR-08-OP (orange) using a medium speed range and spray cooling



Step 4

Widening the interdental space using spray cooling and Ortho-Strip IPR-40 (red) in a high speed range



Step 5

Contouring the interproximal spaces using spray cooling, Ortho-Strip IPR-40 (red) and a medium speed range

Step 6

Finishing-contouring the tooth surface using spray, Ortho-Strip IPR-25 (white) and a medium speed range





Step 7

Polishing the tooth surface using spray, Ortho-Strip IPR-15 (yellow) and a medium speed range

Step 8

Polishing with rubber cap, polish paste and floss



Step 9

Fluoridation of the affected enamel with a deep-penetration fluoride. The calcium fluoride will act at the specific spot where the enamel was affected because of the direct effect of the dissociated fluoride (Component I) and subsequent precipitation (Component II)! Hence, the enamel can heal quickly.



Condition before and after IPR, vestibular and occlusal views



Recommended settings for IPR treatment with TorqTech CA-4R-O-PF

Treatment steps as developed by Dr. Goldbecher	Type of Ortho-Strip used	Speed range of 4:1 linear motion contra angle M: Speed of motor H: Number of throws
Step 1 Separation with rubber separators		
Step 2 Application of the surface anesthetic		
Step 3 Opening the interdental space	IPR-08-OP orange	M: 8.000 - 12.000 rpm H: 2,000 - 3,000
Step 4 Widening the interdental space	IPR-40 red	M: 20,000 rpm H: 5,000
Step 5 Contouring the proximal spaces	IPR-40 red	M: 8,000 - 12,000 rpm H: 2,000 - 3,000
Step 6 Finishing-contouring	IPR-25 white	M: 8,000 - 12,000 rpm H: 2,000 - 3,000
Step 7 Polishing the tooth surface	IPR-15 yellow	M: 8,000 - 12,000 rpm H: 2,000 - 3,000
Step 8 Polishing with rubber cup		
Step 9 Fluoridation		

Available sets

Interproximal Reduction Strips (IPR) for IPR

Article Order no.	Product description / application	Color code Diamond grit	Package contents
TorqTech CA-4R-O-PF no. 2410	Linear motion contra angle		1x TorqTech CA-4R-O-PF
IPR Starter Set for Dr. Goldbecher's method no. SL-2410-001	Linear motion contra angle CA-4R-O-PF and Ortho-Strip-IPR sequence (5 pcs.) for IPR in orthodontics		1x CA-4R-O-PF 1x Instruction manual 1x Ortho-Strip IPR
Ortho- Strip-IPR sequence no. 2410-900	Set comprising one sequence of 5 Ortho-Strips with double-sided diamond coating in grit sizes 08, 15, 25, 40 and 60 for IPR		1x Strip IPR-15 1x Strip IPR-25 1x Strip IPR-40 1x Strip IPR-60 1x Strip IPR-08-OP
Ortho-Strip IPR-15 no. 2410-015	Polishing the tooth surface	yellow 15 µm double-sided	3x Strip IPR-15
Ortho-Strip IPR-25 no. 2410-025	Contouring the tooth surface	white 25 µm double-sided	3x Strip IPR-25
Ortho-Strip IPR-40 no. 2410-040	IPR and/or contouring the interproximal spaces	red 40 µm double-sided	3x Strip IPR-40
Ortho-Strip IPR-60 no. 2410-060	Forced enamel reduction	brown 60 µm double-sided	3x Strip IPR-60
Ortho-Strip Opener IPR-08-OP no. 2410-008	Opening the interdental space	orange 08 µm double-sided	3x Strip IPR-08-OP

Our offer for you

(valid until 31.12.2015)

For the market launch of the brilliant combination of linear motion contra angle and Ortho-Strips, we have put together a Starter Set for you:

- 1x TorqTech CA-4R-0-PF linear motion contra angle
- 1x Ortho-Strip IPR sequence as developed by Dr. Goldbecher, consisting of:
 - 1 x Strip IPR-15
 - 1 x Strip IPR-25
 - 1 x Strip IPR-40
 - 1 x Strip IPR-60
 - 1 x Strip IPR-08-OP

**Order your
Starter Set
now for
815,- €*
~~1.058,50 €~~**



* All prices plus VAT at current rate.

Diagnostic and Imaging Equipment

Treatment Units

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