DIAPRO | DIACERA

POLISHING GUIDE

LITHIUM DISILICATE ZIRCONIA

made in Germany

Lithium Disilicate

EVE DIAPRO

UNPROCESSED STATE

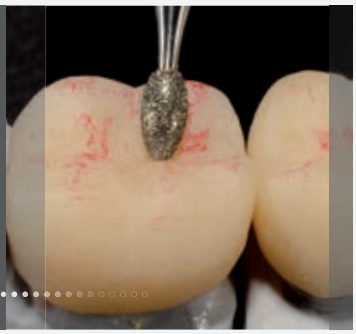
Full anatomical crowns made of lithium disilicate after pressing.

1

ADJUSTMENT

Adjusting the occlusion using a diamond bur.

2

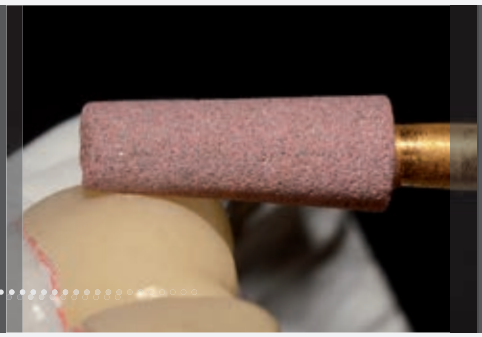


GRINDING THE CONTOUR

Grind the contour using **DYP-13m.**

Recommended RPM: 8,000 – 12,000 min

3



SMOOTHING THE OCCLUSAL SURFACE

Precise pre-polishing of the occlusal surface using **H2DPmf.**

Recommended RPM: 7,000 – 12,000 min

4

HIGH GLOSS

Mirror finish using **H2DP** with minimal pressure.

Recommended RPM: 7,000 – 12,000 min

5

TRIMMING THE CONTACT POINT

Trim the contact point using **DYP-8m.**

Recommended RPM: 8,000 – 12,000 min

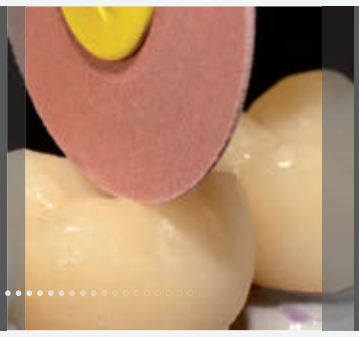
6

ADJUSTMENT

Small specific adjustments using **SL20DPmf.**

Recommended RPM: 7,000 – 12,000 min

7



SMOOTHING

Smooth the outer contour with **H8DPmf.**

Recommended RPM: 7,000 – 12,000 min

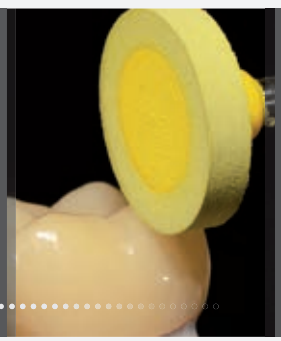
8

HIGH GLOSS

Mirror finish using **H8DP.**

Recommended RPM: 7,000 – 12,000 min

9



FINAL RESULT

Final result after applying all steps of EVE DIASYNT PLUS / DIAPRO Kit **HP360.**

A perfect high gloss finish is achieved.

10

TIP Should further polishing be required in the surgery we recommend using the **RA361** polishing set.

Lithium Disilicate

Also available as CLINICAL SET RA 361

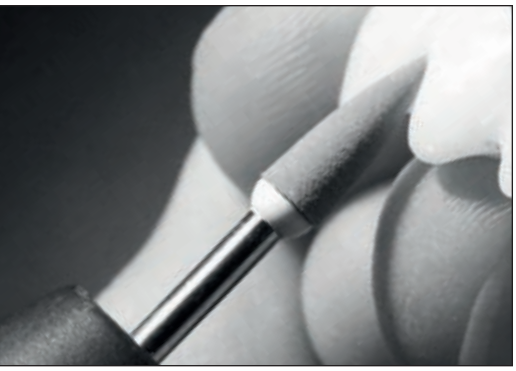
Lithium disilicate is a high-strength glass ceramic which is available both in the form of prefabricated solid cast CAD/CAM blocks, as well as ingots for the press technology. This results in a very broad range of indications.

It is possible to polish the material to a high gloss after processing with specific polishing instruments and thus achieve the finished result in just a few steps. EVE Ernst Vetter GmbH has been offering the two-step Diapro Polishing System for use in the dental laboratory for some time now. The respective version for use in dental surgeries is now also available and provides even more flexibility in the fitting and reworking of lithium disilicate restorations.

EVE DIAPRO SET HP 360 *

Zirconia

Also available as CLINICAL SET RA 322

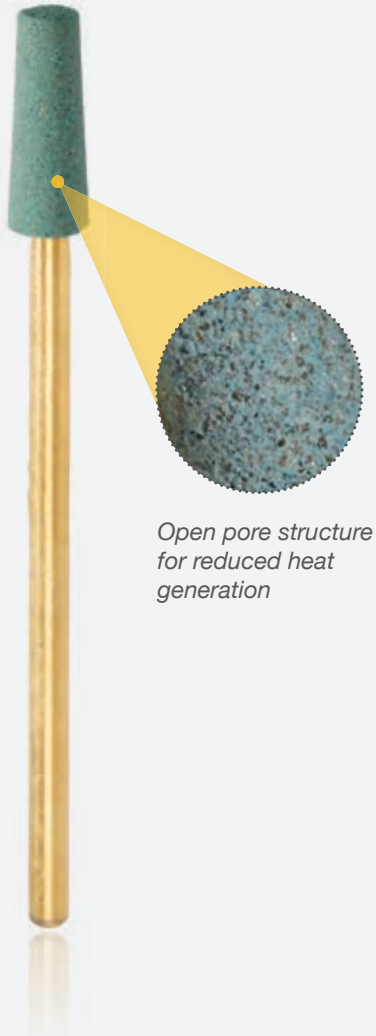


Zirconia is becoming more popular than ever before, and many manufacturers in the dental industry are offering materials for full anatomical zirconia restorations. The correct processing of zirconia has been a controversial issue for a long time, due to the risk of micro-cracking. Studies have now shown that finishing with the appropriate instruments is possible, which has the additional positive effect of long term stability of the restoration. The Diacera Polishing System from EVE

Ernst Vetter GmbH provides a processing solution that not only produces a high gloss finish on zirconia, but has also been shown to increase the physical stability through polishing. Highly polished stable zirconia surfaces are now attainable.

EVE DIACERA SET HP 321 *

EVE DIASYNT PLUS



Open pore structure for reduced heat generation

EVE DIASYNT PLUS DYP-13g

EVE DIASYNT PLUS represents a new generation of grinding tools which achieve a high material removal rate, while allowing heat dissipation from the processed material.

This can be of great significance, as it has an effect on the future failure rate of the ceramic prosthesis. Specifically, the thermal stress with work pieces processed using the synthetically bonded Diasynt Plus is significantly lower compared to a ceramic-bonded grinding system.

ERNST VETTER

EVE DIACERA

UNPROCESSED STATE

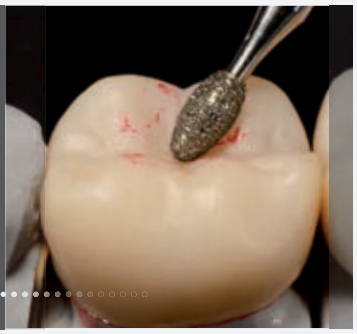
Full anatomical crowns made of zirconia.

1

ADJUSTMENT

Adjusting the occlusion using a diamond bur.

2

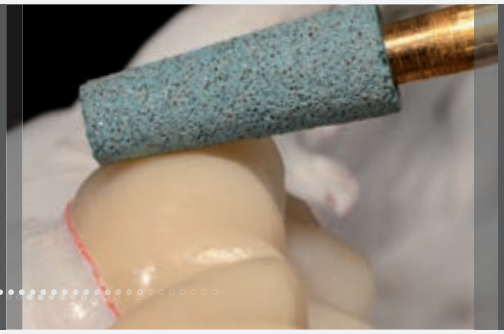


GRINDING THE CONTOUR

Grinding the contour using **DYP-13g.**

Recommended RPM: 8,000 – 12,000 min

3



SMOOTHING THE OCCLUSAL SURFACE

Precise pre-polishing of the occlusal surface using **H2DCmf.**

Recommended RPM: 7,000 – 12,000 min

4

HIGH GLOSS

Mirror finish with **H2DC** with minimal pressure.

Recommended RPM: 7,000 – 12,000 min

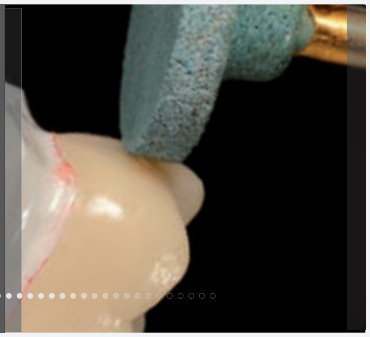
5

TRIMMING THE CONTACT POINT

Trimming the contact point using **DYP-8g.**

Recommended RPM: 8,000 – 12,000 min

6

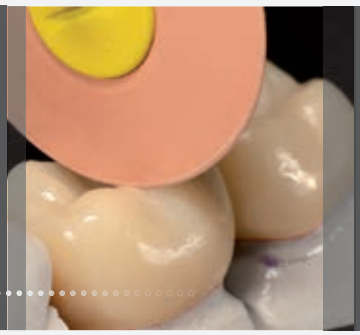


ADJUSTMENT

Small specific adjustments using **SL20DC.**

Recommended RPM: 7,000 – 12,000 min

7

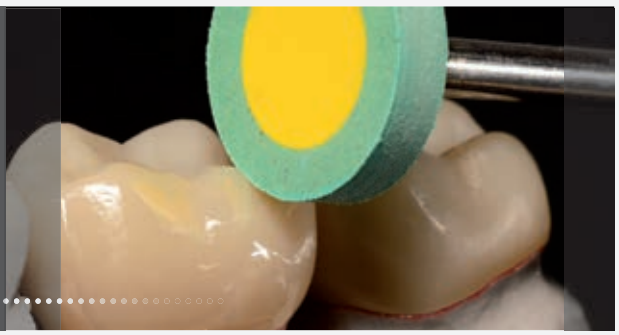


SMOOTHING

Smoothing of the outer shape using **H8DCmf.**

Recommended RPM: 7,000 – 12,000 min

8

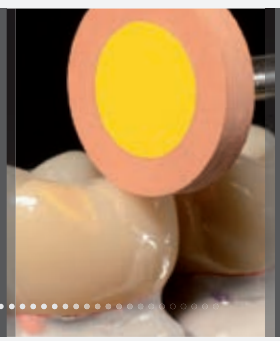


HIGH GLOSS

Mirror finish using **H8DC.**

Recommended RPM: 7,000 – 12,000 min

9



FINAL RESULT

Final result after applying all steps of EVE DIASYNT PLUS / DIACERA Kit **HP321.**

A perfect high gloss finish is achieved.

10

TIP After corrections, we recommend using the **RA322** set for polishing in the dental surgery.

EVE DIAPRO | Lithium Disilicate

Grit: *red = medium*
yellow = fine

Pack sizes: *1, 10 pieces*

Recommended RPM:
7.000 – 12.000 min

Item description:	W11DPmf	W16DPmf	W17DPmf	W18DPmf	W11DP	W16DP	W17DP	W18DP
Item No.:	7881	7886	7887	7888	7981	7986	7987	7988
Dimensions (mm):	3 x 7,5	4 x 10	6 x 7,5	10 x 2,5	3 x 7,5	4 x 10	6 x 7,5	10 x 2,5

Grit: *red = medium*
yellow = fine

Pack sizes: *1, 10 pieces*

Recommended RPM:
7.000 – 12.000 min

Item description:	L26DPmf	SL20DPmf	H2DPmf	H8DPmf	L26DP	SL20DP	H2DP	H8DP
Item No.:	7800	7801	7842	7848	7900	7901	7942	7948
Dimensions (mm):	26 x 2	20 x 1	4 x 13	11 x 2	26 x 2	20 x 1	4 x 13	11 x 2

EVE DIACERA | Zirconia

Grit: *green = medium*
orange = fine

Pack sizes: *1, 10 pieces*

Recommended RPM:
7.000 – 12.000 min

Item description:	W11DCmf	W16DCmf	W17DCmf	W18DCmf	W11DC	W16DC	W17DC	W18DC
Item No.:	7681	7686	7687	7688	7781	7786	7787	7788
Dimensions (mm):	3 x 7,5	4 x 10	6 x 7,5	10 x 2,5	3 x 7,5	4 x 10	6 x 7,5	10 x 2,5

Grit: *green = medium*
orange = fine

Pack sizes: *1, 10 pieces*

Recommended RPM:
7.000 – 12.000 min

Item description:	L26DCmf	SL20DCmf	H2DCmf	H8DCmf	L26DC	SL20DC	H2DC	H8DC
Item No.:	7600	7601	7642	7648	7700	7701	7742	7748
Dimensions (mm):	26 x 2	20 x 1	4 x 13	11 x 2	26 x 2	20 x 1	4 x 13	11 x 2

EVE Ernst Vetter GmbH
Rastatter Strasse 30
D-75179 Pforzheim, Germany

Fon: +49 72 31 97 77 -0
Fax: +49 72 31 97 77 99

E-Mail: info@eve-rotary.com

EVE America Inc.
5880 Shirley St.
Unit 203
Naples, FL 34109, USA

Fon: +1 239 591 2777
Fax: +1 239 591 2007

E-Mail: info@eve-america.com

www.eve-rotary.com

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