

Clinical Indications following the F.A.P. Protocol = Function-Anatomy-Protocol. by Prof. Loris Prosper

11 Veneer with interproximal involvement - 3/4.

Prosthetic indications:

- Feldspathic Ceramic
- Disilicate Ceramic
- Zirconium Ceramic
- Composite

12 Preparation to finish with palatal slide*.

Prosthetic indications:

- Disilicate Ceramic
- Zirconium Ceramic

13 Differentiated Verticalized Preparation, vestibular chamfer, palatal shoulder + palatal slide* (devitalized tooth with Gold abutment pin or Zirconium pin)

Prosthetic indications:

- Metal Ceramic
- Composite Metal
- Disilicate Ceramic
- Zirconium Ceramic

14 Preparation Vestibular veneer with 2 stops.

Prosthetic indications:

- Feldspathic ceramic
- Disilicate ceramic
- Zirconium ceramic
- Composite

15 Inlay Overlay Preparation

Prosthetic Indications:

- Painted Disilicate ceramic (monolithic)
- Painted Zirconium Ceramic (monolithic)
- Composite

16 Differentiated preparation to finish vestibular-palatal chamfer + palatal slide* + occlusal well** (devitalized tooth)

Prosthetic indications:

- Metal ceramic
- Painted disilicate ceramic (monolithic)
- Painted zirconium ceramic (monolithic)

17 Differentiated preparation to finish mesially-palatal-distal-vestibular chamfer + occlusal well** (devitalized tooth)

Prosthetic indications:

- Painted Disilicate Overlay (monolithic)
- Painted Zirconium Overlay (monolithic)
- Composite

21 Differentiated preparation with vestibular chamfer-palatal shoulder

Prosthetic indications:

- Metal Ceramic
- Metal Composite
- Disilicate Ceramic
- Zirconium Ceramic

22 Window veneer preparation with 2 stops

Prosthetic indications:

- Feldspathic ceramic
- Disilicate ceramic
- Zirconium ceramic
- Composite

23 Verticalized and differentiated preparation with vestibular chamfer-palatal shoulder + palatal slide* (devitalized tooth with gold or zirconium pin)

Prosthetic indications:

- Metal Ceramic
- Composite Metal
- Disilicate Ceramic

24 Differentiated preparation to finish vestibular and mesial-palatal and distal shoulder from 0.5

Prosthetic indications:

- Metal Ceramic
- Composite Metal
- Disilicate Ceramic
- Zirconium Ceramic

25 Differentiated preparation vestibular chamfer 0.2 mesial-palatal-distal 0.4

Prosthetic indications:

- Metal Ceramic
- Metal Composite
- Disilicate Ceramic
- Zirconium Ceramic

26 360° rounded shoulder preparation with Circumferential slice + occlusal well** (devitalized tooth)

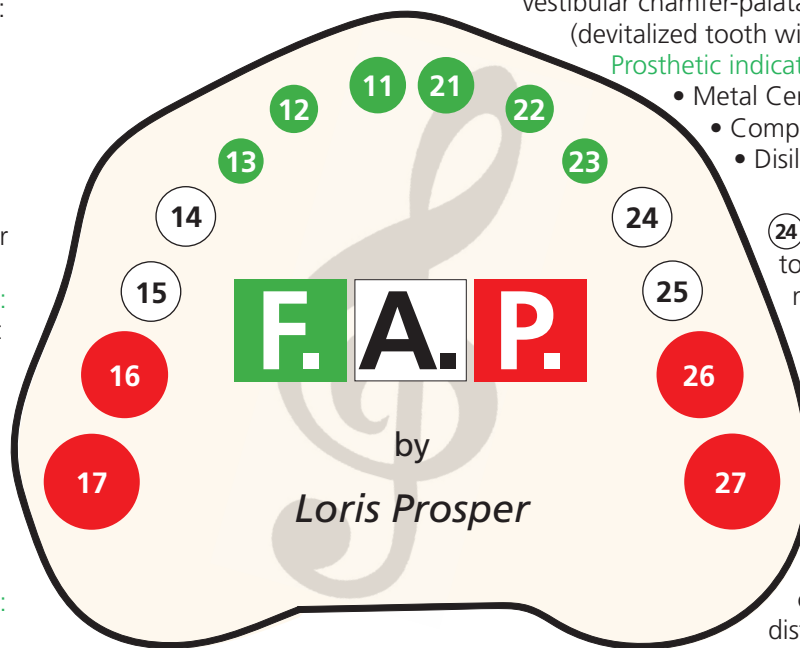
Prosthetic indications:

- Gold Crown
- Metal Ceramic
- Composite Metal
- Disilicate Ceramic
- Zirconium Ceramic

27 90° shoulder preparation with mesial to distal well

Prosthetic indications:

- Gold overlay
- Painted disilicate overlay (monolithic)
- Composite overlay
- Painted zirconium overlay (monolithic)



* The function of a slide is to reduce the rotation of the crowns, as well as to increase stability a little.

** The occlusal well can only be made in devitalized teeth. It has two functions 1) it reduces the thickness of the cement avoiding any occlusal elevations. 2) in the case of low stumps it is possible to replicate its depth obtaining more retention of the crowns, especially for metal ceramic.

"There is no single preparation that can be good for all prosthetic crowns, especially for "Metal Free" crowns.

In the same preparation it is often necessary to differentiate the geometry of the preparation.

Clinically, the geometry of a preparation depends on the type of prosthetic material that will be used, in addition to the gingival morphotype.

It is very important to follow the manufacturers' instructions, especially in respecting the thicknesses based on the hardness of the material to be used, depending on whether it is a single element or whether it is a multi-element bridge. (see graph) "

Prof. Dr. Loris Prosper
MD - RDT

Loris Prosper



Materiali utilizzati in protesi fissa su denti naturali

Metallo-ceramica

CERAMICHE A BASE DI SILICATI

Ceramiche feldspatiche

Feldspatiche tradizionali 80-120MPa
Feldspatiche alto tenore di Leucite 120MPa
160MPa

Vetroceramiche

Fluoromica (Dicor, Dentsply Int.) 150MPa
Leucite (IPS Empress, Ivoclar Vivodent) 160MPa
Disilicato di Litio (VINTAGE LD, Shofu) 450MPa

Metal-free

CERAMICHE A BASE DI OSSIDI

Ossido-ceramiche a infiltrazione di vetro di lantanio

(In.Ceram Alumina) 500MPa
Alumina (In-Ceram Alumina) 500MPa
Zirconia 600MPa
900MPa

Ossido-ceramiche policristalline (senza contenuto vetroso)

Alumina (Procera, Nobel Bio-care) 690MPa
Zirconia 700MPa - 1400MPa



Codice Modello F.A.P. superiore con preparazioni: **49 LFAPU**

Codice dei denti di ricambio in Ivorine da preparare: **49 25E02N/PR** seguito dal numero del dente