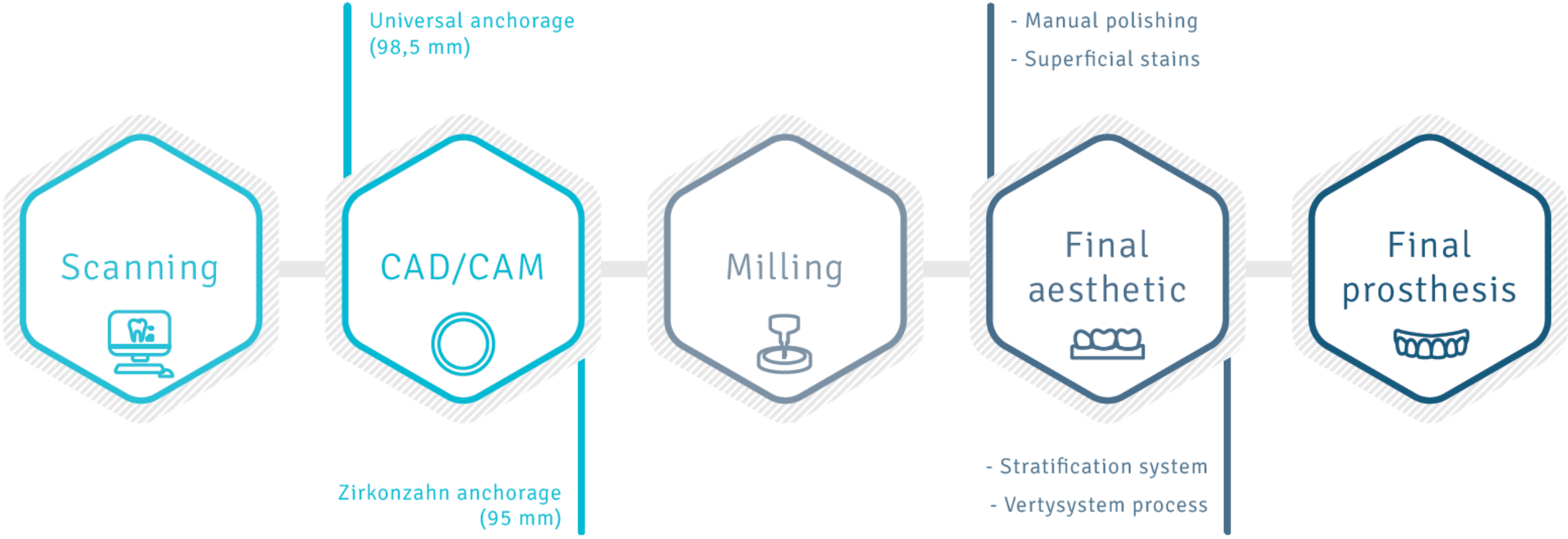

Graphenano
DENTAL
Dental
Plus USA

G-CAM
Workflow Process


Universal anchorage
(98,5 mm)
Scanning
CAD/CAM
Milling
- Manual polishing
- Superficial stains
Final
aesthetic
Final
prosthesis
Zirkonzahn anchorage
(95 mm)
- Stratification system
- Vertysystem process

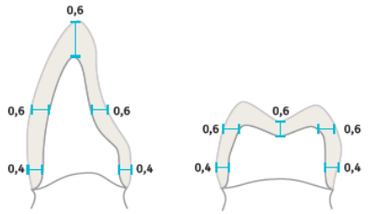
G-Cam Prep Guide and Design Parameters

Graphenano DENTAL

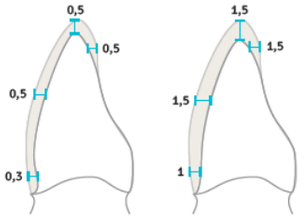
Design parameters. G-CAM disc

Graphenano DENTAL

Crowns



Veneers



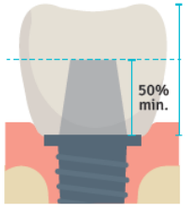
Healthy Teeth

Discoloration teeth

Submerged Implant

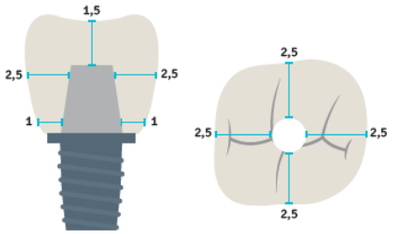
Place with an appropriate height abutment, to raise the connection as subgingival as possible and thus ensure the thickness of the emergency profile in the restoration and avoid descementation.

Vertical dimension

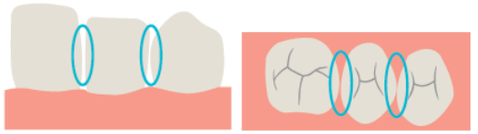


If the height of the tibase do not exceed the 50% of the height of the restoration, it will have to be replaced with abutment, to ensure the stability of the structure and avoid descementation.

Thickness around the abutment



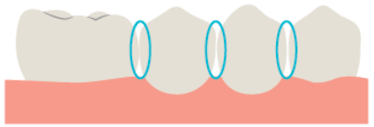
Connector cross section



Min. 9 mm²

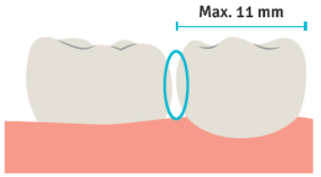
Min. 13 mm²

Up to 3 pontics



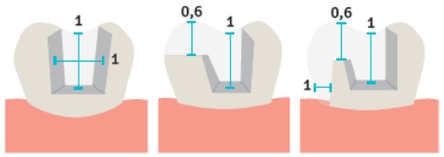
Connector cross section min 13 mm²

Cantilever



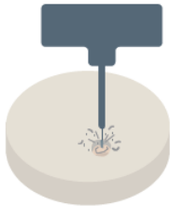
Min. 13 mm² and do not individualize the structure at the lingual or palatinal area.

Onlays / Inlays



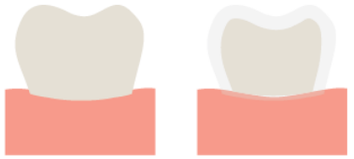
Parallel and defined margins

Milling strategy



PMMA
wet/dry

Finishing



Monolithic

Coatable

G-CAM

Graphene nanoreinforced biopolymer disc for CAD/CAM drilling

CE 1984

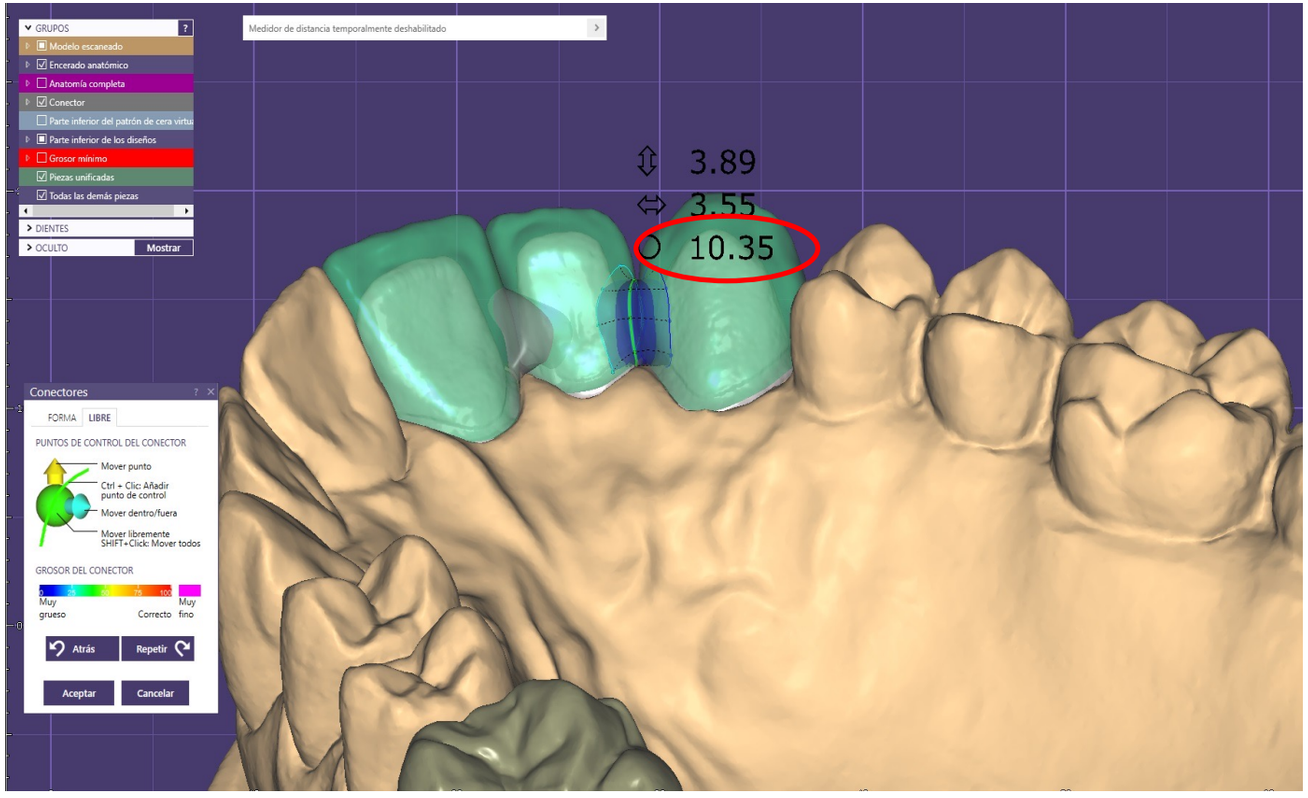
GRAPHENE INSIDE

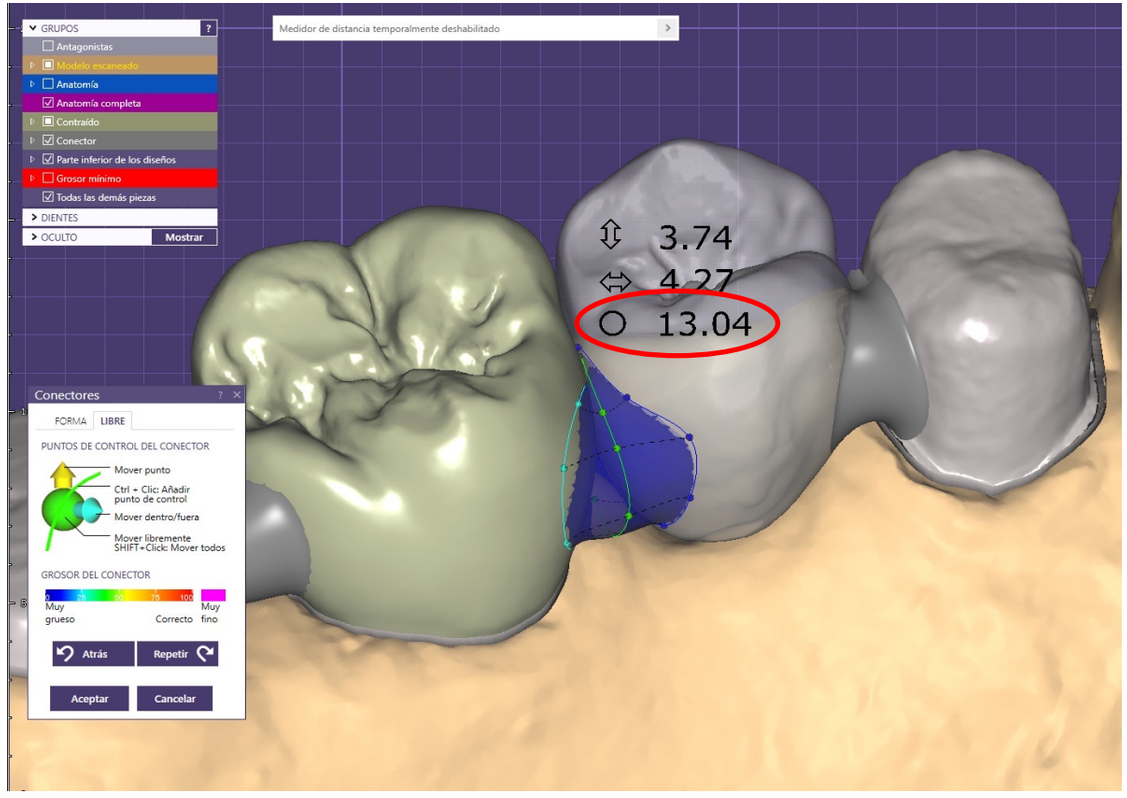
Made in Spain

P.I. Táctica de Paterna, Calle 2, Nº 1 · 46980 Paterna (Valencia)
info@graphenanodental.com · graphenanodental.com

Document version: **1**

Revision date: **28/05/2021**

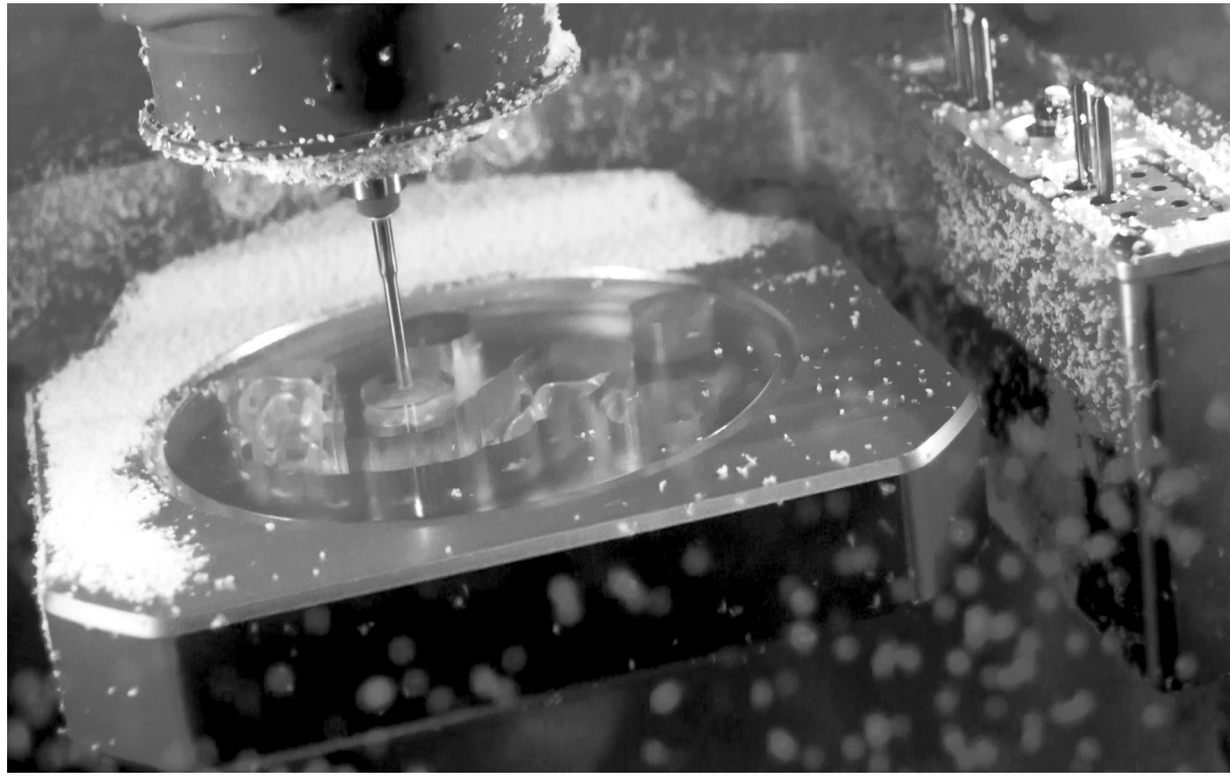

GRUPOS
Modelo escaneado
Encerado anatómico
Anatomía completa
Conector
Parte inferior del patrón de cera virtu
Parte inferior de los diseños
Grosor mínimo
Piezas unificadas
Todas las demás piezas
DIENTES
OCULTO
Mostrar
Medidor de distancia temporalmente deshabilitado
3.89
3.55
10.35
Conectores
FORMA
LIBRE
PUNTOS DE CONTROL DEL CONECTOR
Mover punto
Ctrl + Clic: Añadir punto de control
Mover dentro/fuera
Mover libremente SHIFT+Click: Mover todos
GROSOR DEL CONECTOR
Muy grueso
Correcto
Muy fino
Atrás
Repetir
Aceptar
Cancelar


GRUPOS
Antagonistas
Modelo escaneado
Anatomía
Anatomía completa
Contraído
Conector
Parte inferior de los diseños
Grosor mínimo
Todas las demás piezas
DIENTES
OCULTO
Mostrar
Medidor de distancia temporalmente deshabilitado
3.74
4.27
13.04
Conectores
FORMA
LIBRE
PUNTOS DE CONTROL DEL CONECTOR
Mover punto
Ctrl + Clic: Añadir punto de control
Mover dentro/fuera
Mover libremente SHIFT+Click: Mover todos
GROSOR DEL CONECTOR
Muy grueso
Correcto
Muy fino
Atrás
Repetir
Aceptar
Cancelar

IMPLANT STRUCTURES

G-Cam Implants solutions

Design for success

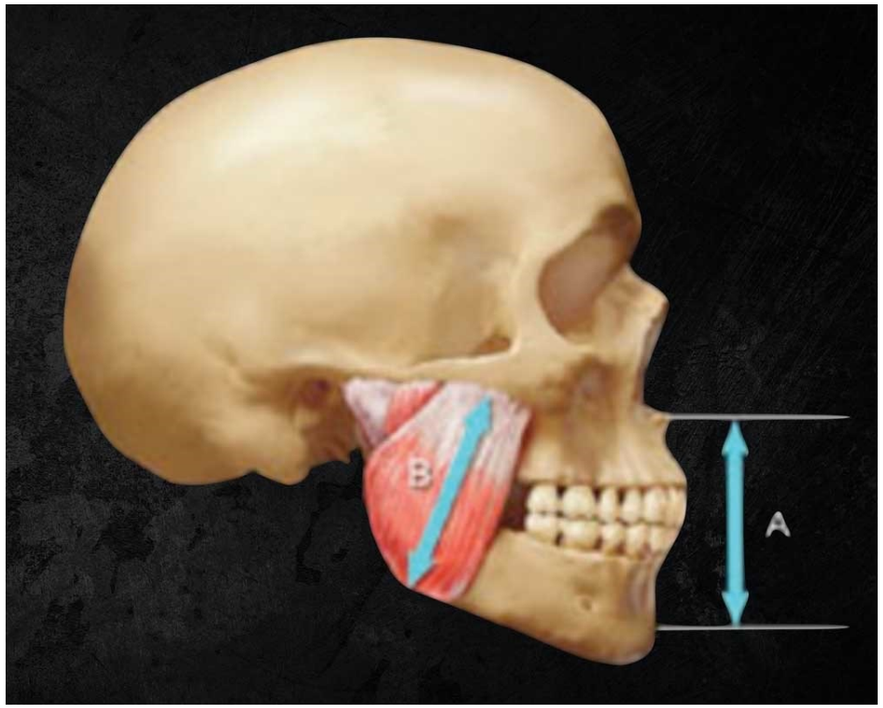


Graphenano DENTAL

Tibase: Cementation Process

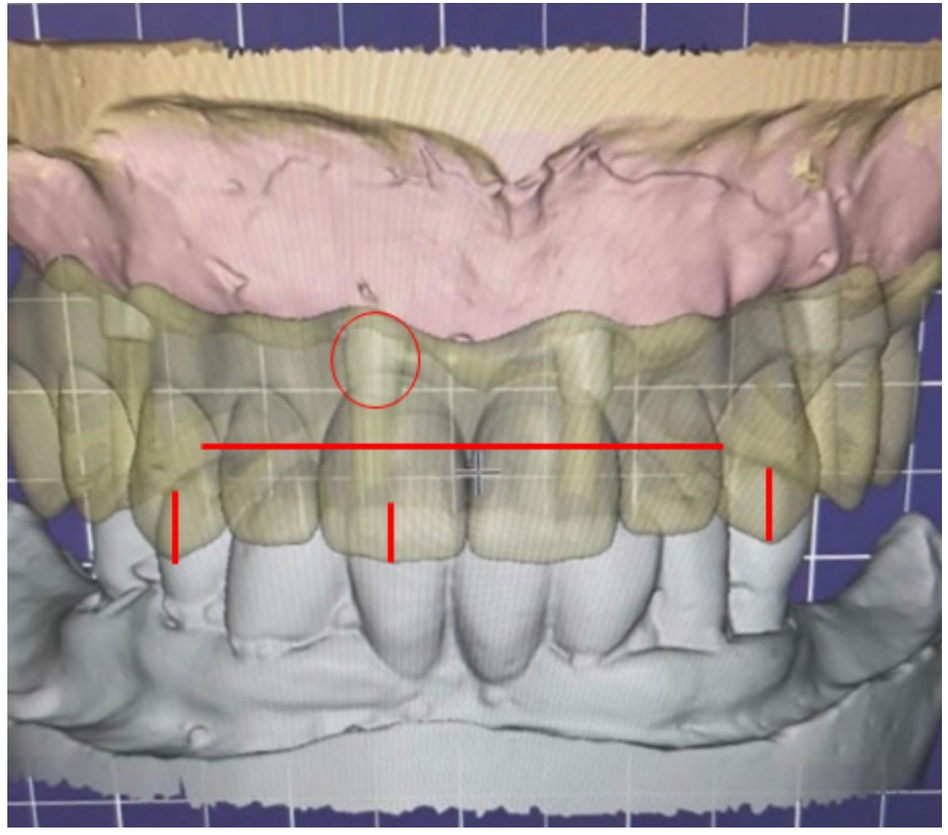
Evaluate

- Vertical Dimension
- Submerged Implants



Graphenano DENTAL

Wrong
G-Cam design

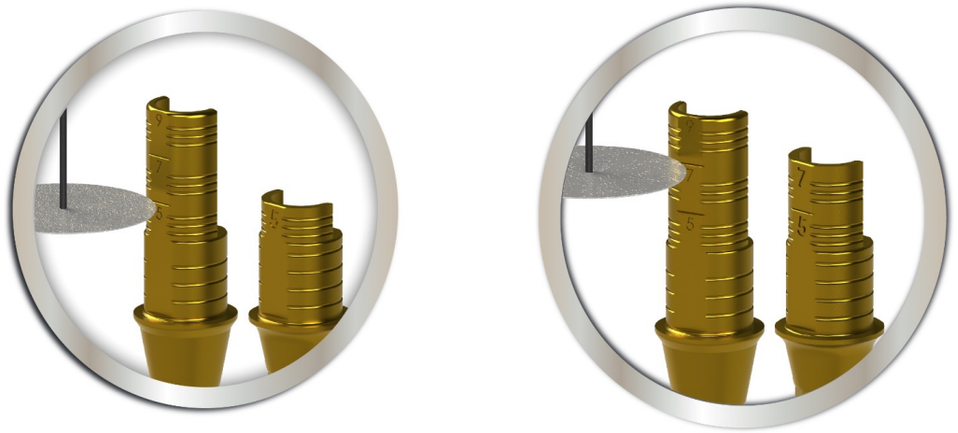


Correct
G-Cam design

Graphenano
DENTAL

Tibase

- The height of the tibase should cover the 50% of the height of the G-Cam restoration.
- The implant connection should be up to the gingiva as possible.



Advantage:

- Stability of the G-Cam structure.
- Ensure the thickness of the emergency profile in the G-Cam restoration
- Avoid descementation

Graphenano DENTAL

Nuevo | Cargar | Guardar | Duplicar

Indicación y materiales

G - Cam
G - Cam

Acciones

Diseñar
Creador de Modelos
Fabricar
dentalshare
Copiar
Imprimir

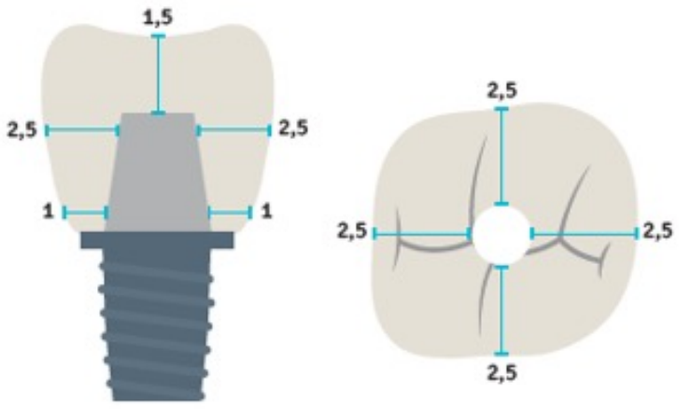
Hacer clic en 'Guardar' para continuar

08/09/2023 17:02 Previsto para

Cliente: Graphenano Dental
ID: 00002
Nombre: Graphenano Dental
Técnico: ,Ornella
ID: 001

Notas

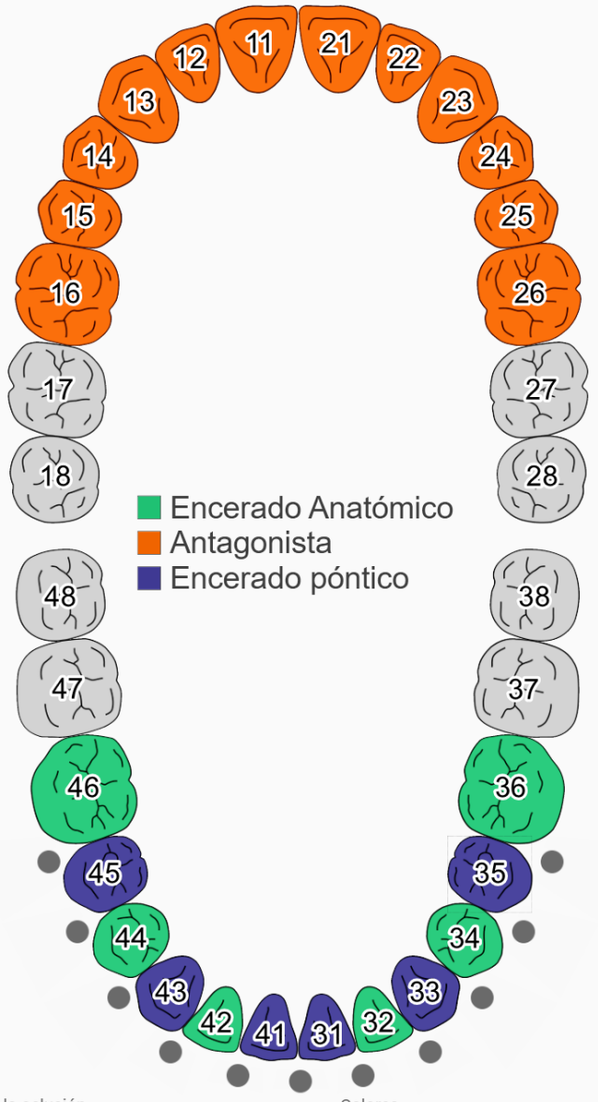
Escrbir notas aquí...



PREVISUALIZACIÓN 3D | IMÁGENES/DOCUMENTOS

Aún no se ha guardado la orden.

Paciente — Multi-die



Escaneado de la oclusión: Dos modelos en oclusión
Colores: ---

☐ Escaneo de la horquilla de mordida para importación de movimiento de la mandíbula

exocad

v3.1-8349/64

Tooth 16

Material configuration (local): (

Crowns and copings

- Anatomic crown
- Coping
- Eggshell crown (Provisional)
- Overlay

Pontics and Mockup

- Anatomic pontic
- Reduced pontic
- Eggshell pontic (Provisional)

Inlays, onlays and veneers

- Inlay/Onlay
- Veneer

Digital copy milling

- Anatomic waxup
- Reduced waxup
- Pontic waxup

Removables and appliances

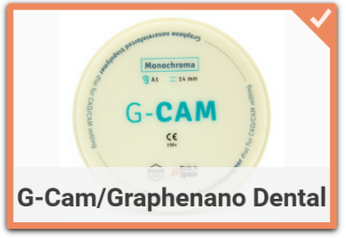
- Bite splint

Residual dentition

- Antagonist
- Adjacent tooth
- Omit in bridge

Material

5-Axis / Laser / 3D Print



G-Cam/Graphenano Dental

Options & Parameters

Implant-based?

- Screw-retained

Additional Scans?

- Pre-op model
- Extra gingiva scan
- Scan Body Scan

Copy or mirror scanned anatomy?

- No (Expert mode only)
- Yes

Cervical adaption?

- Pull to margin
- Preserve tooth library shape

Design with thimble crown workflow?

- No (only Expert mode)
- Yes

Design virtual gingiva?

- No (only Expert mode)
- Yes
- Optional (ask in Wizard)

Minimal thickness 1 mm

Gap width of cement 0,1 mm

Show advanced parameters

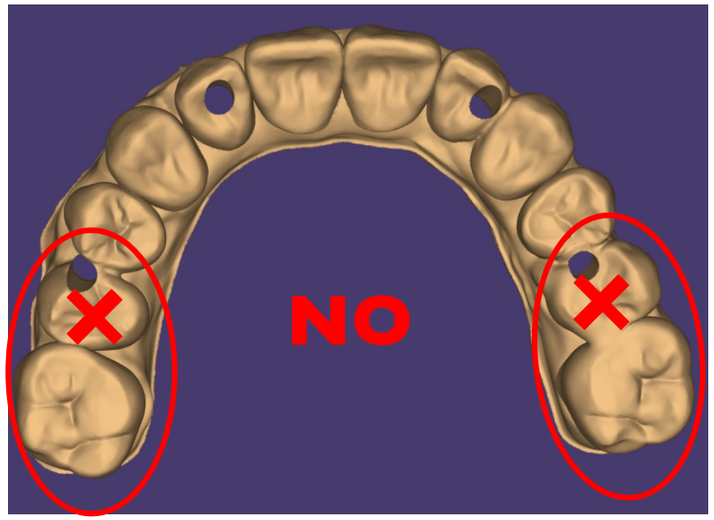
Clear

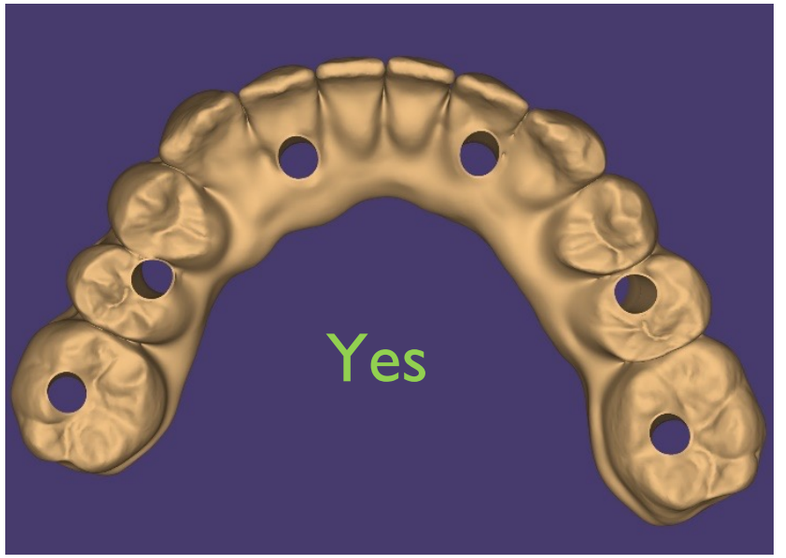
OK

Implant Distribution

Number and Implants Distribution
ALL ON FOUR AND ALL ON SIX CASES

- 4 Implants — CANINES OR LATERAL INCISOR AND FIRST MOLAR.
- 6 Implants — LATERAL INCISOR, FIRST/SECOND PREMOLARS AND FIRST MOLAR.



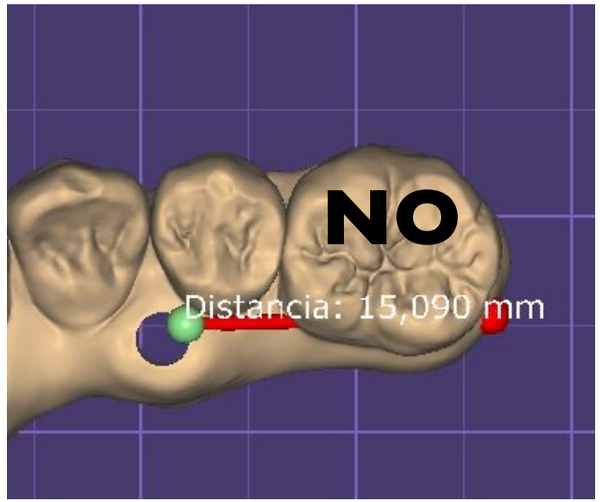


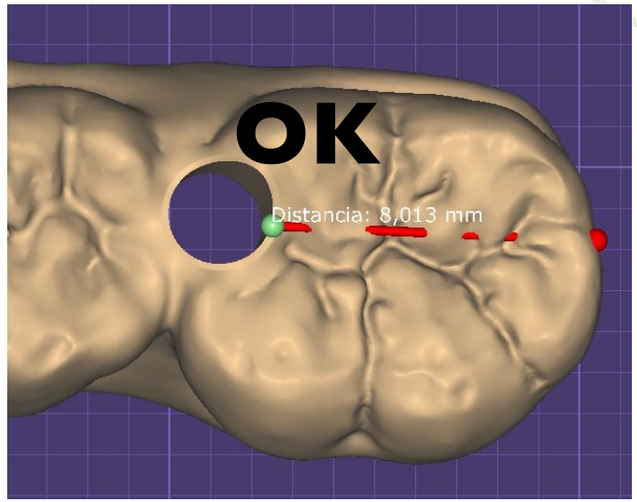
NO more than 3 pontics between abutments

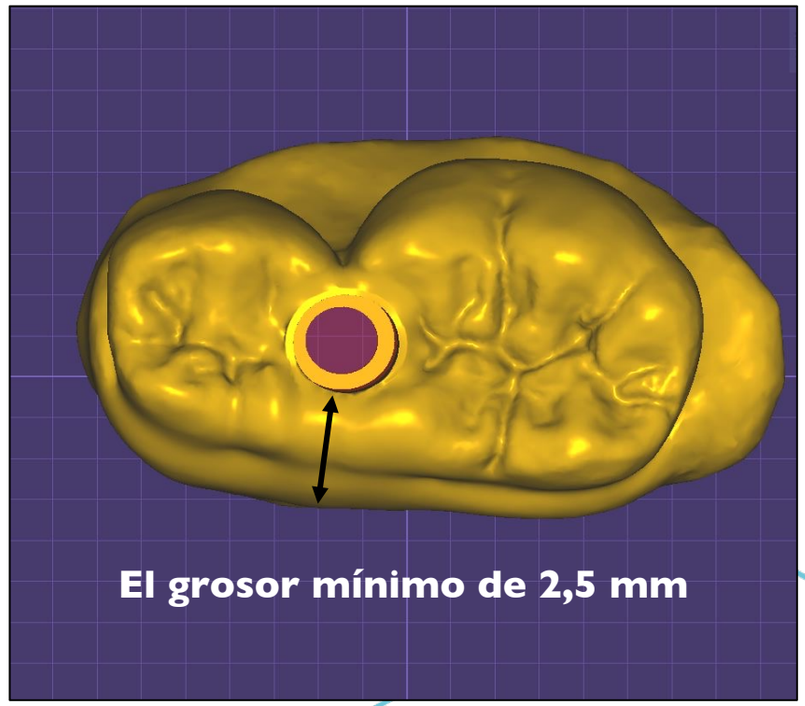
Cantilever

The cantilever design of our structure must not exceed 11 mm.

- Leave out of occlusion.
- Do not individualize the lingual of the structure
- Good base support

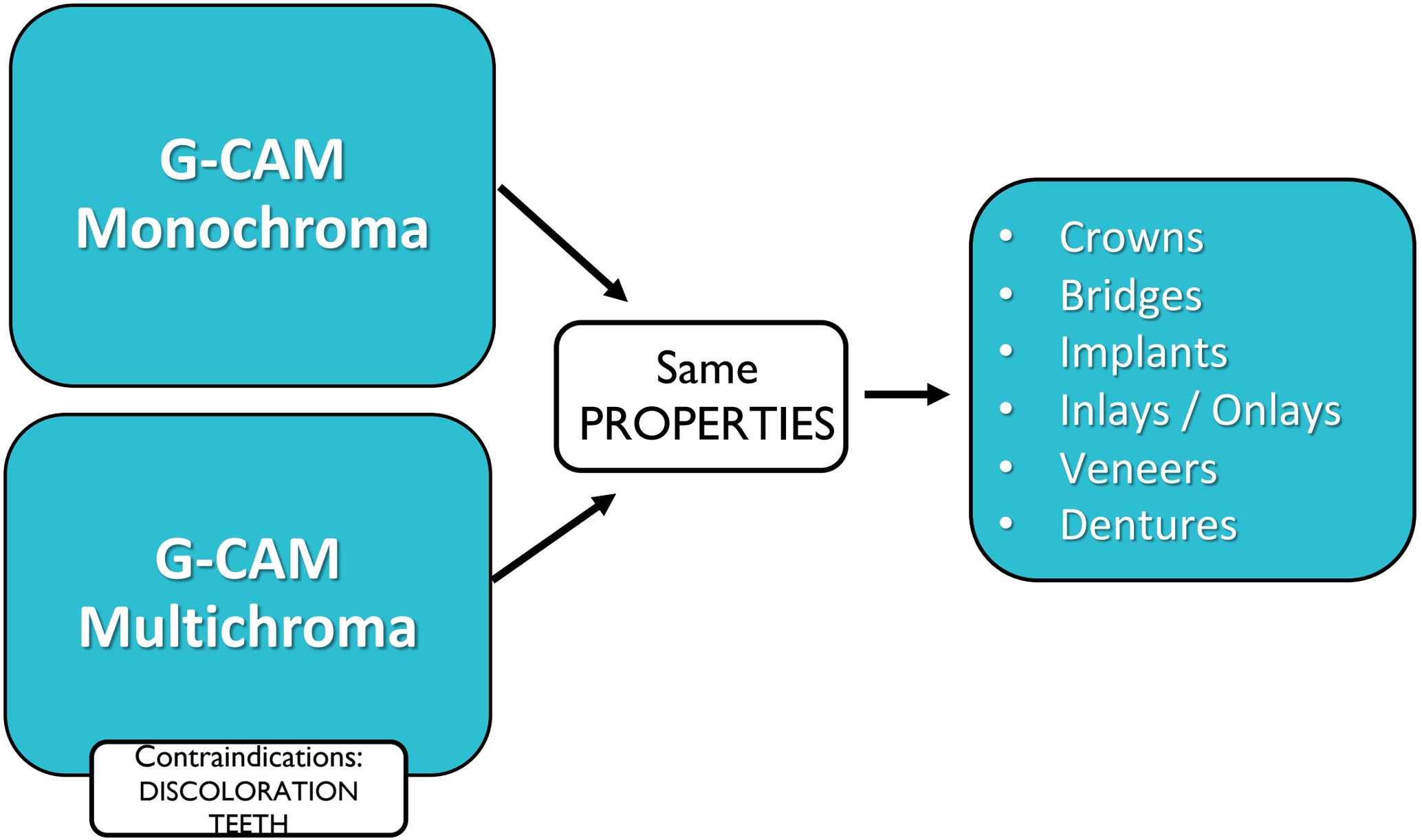






Graphenano DENTAL

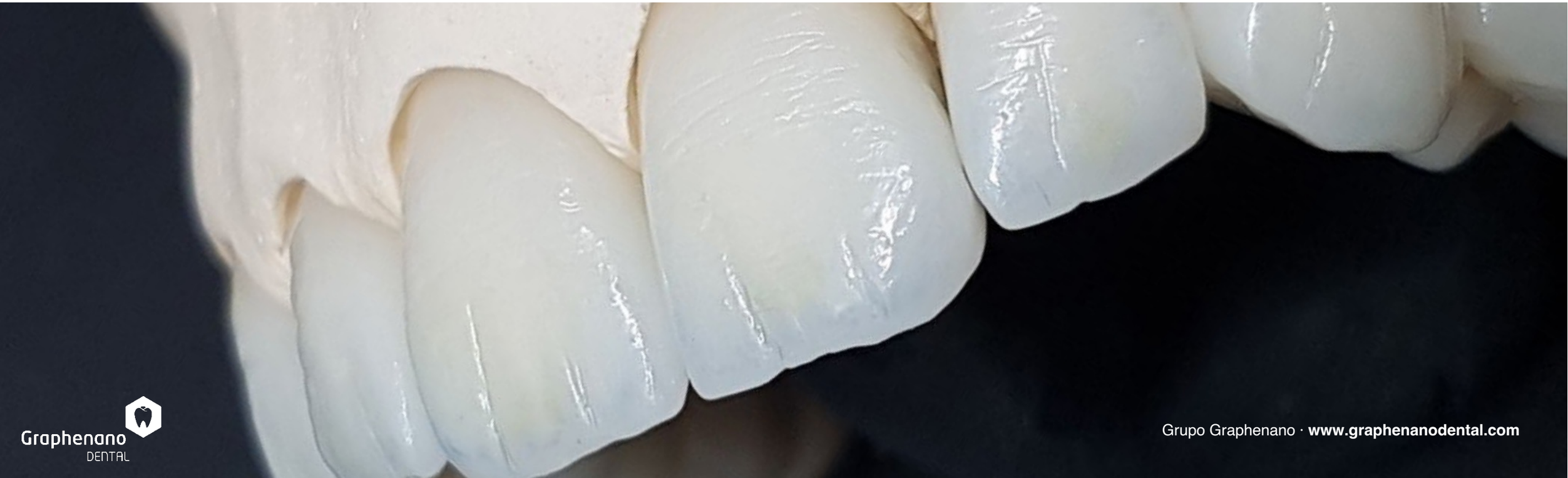
Graphenano
DENTAL


G-CAM Monochroma
G-CAM Multichroma
Contraindications: DISCOLORATION TEETH
Same PROPERTIES
Crowns
Bridges
Implants
Inlays / Onlays
Veneers
Dentures

PROGRESSIVE AESTHETICS

Nuria Martínez Sánchez

Infinity Labs



Graphenano DENTAL


Graphenano
DENTAL
Grupo Graphenano · www.graphenanodental.com

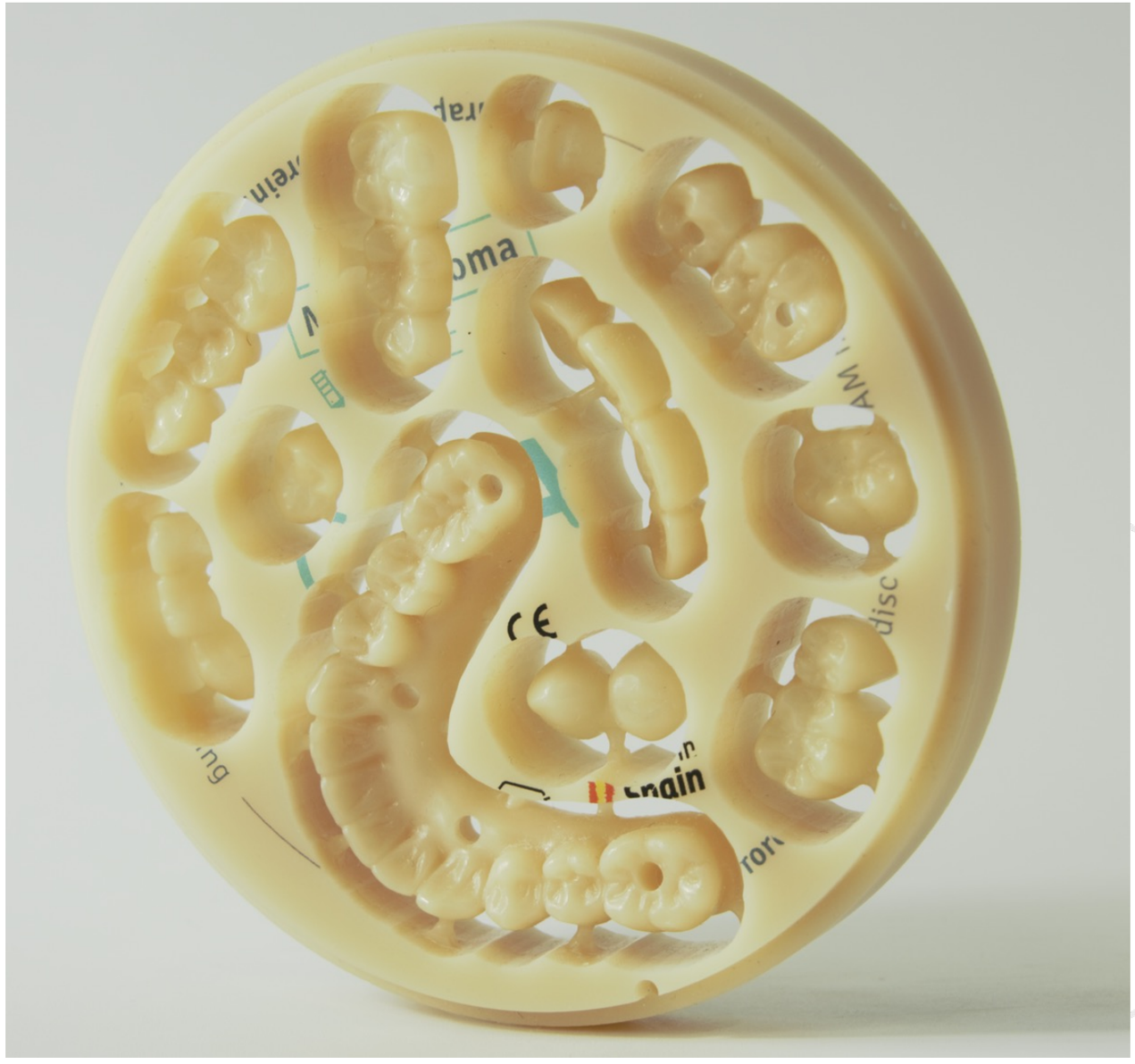
G-Cam Characterization

Graphenano DENTAL

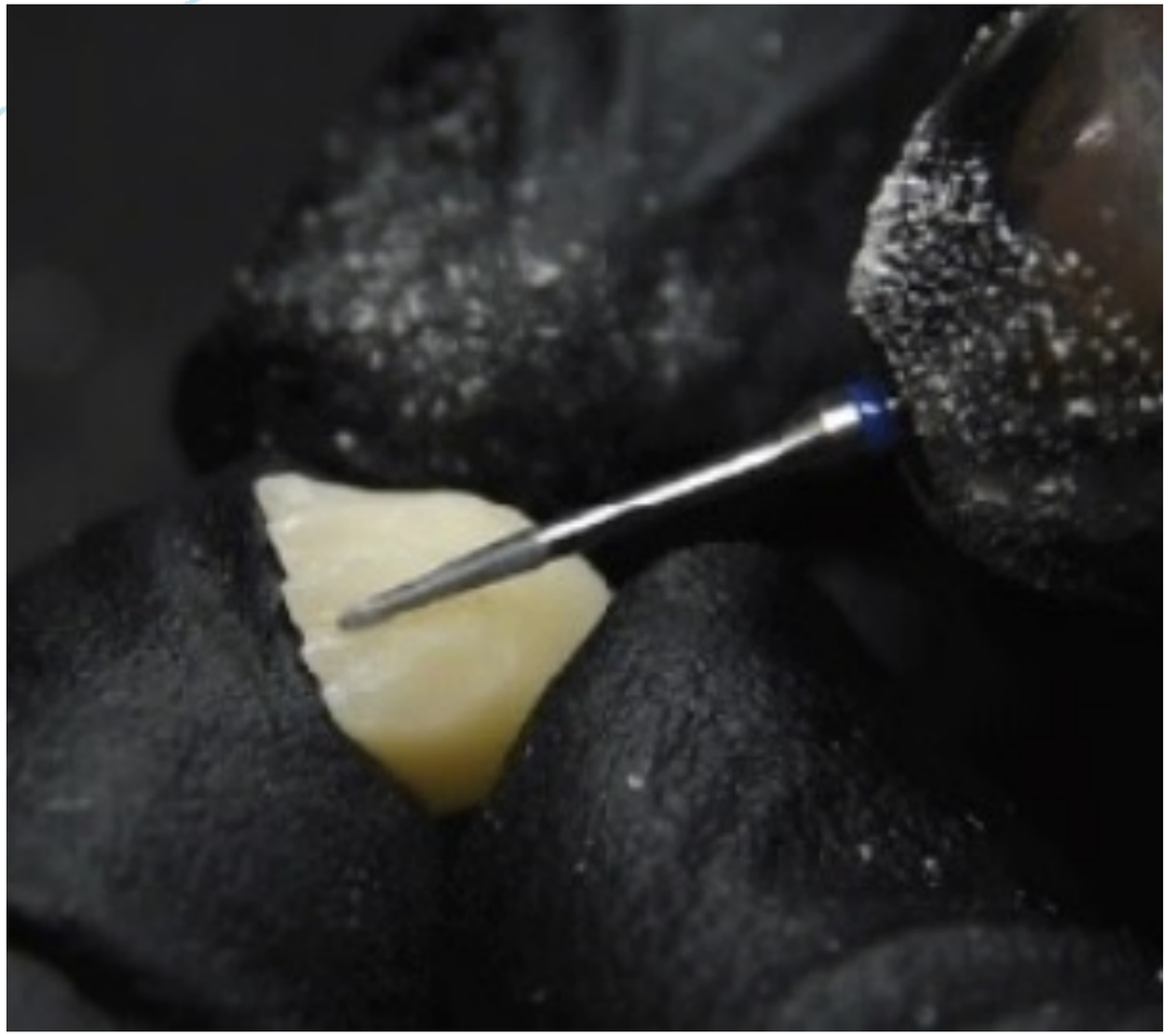
Manual Polishing

Characterization with stains or composite stratification (cutback technique)

1. REMOVE



Graphenano
DENTAL



2. CUTBACK

Graphenano DENTAL

3. SANDBLAST

Graphenano DENTAL

4. CLEAN

Graphenano
DENTAL

5. PRIMER

Graphenano DENTAL

6. LIGHT CURING

Graphenano DENTAL

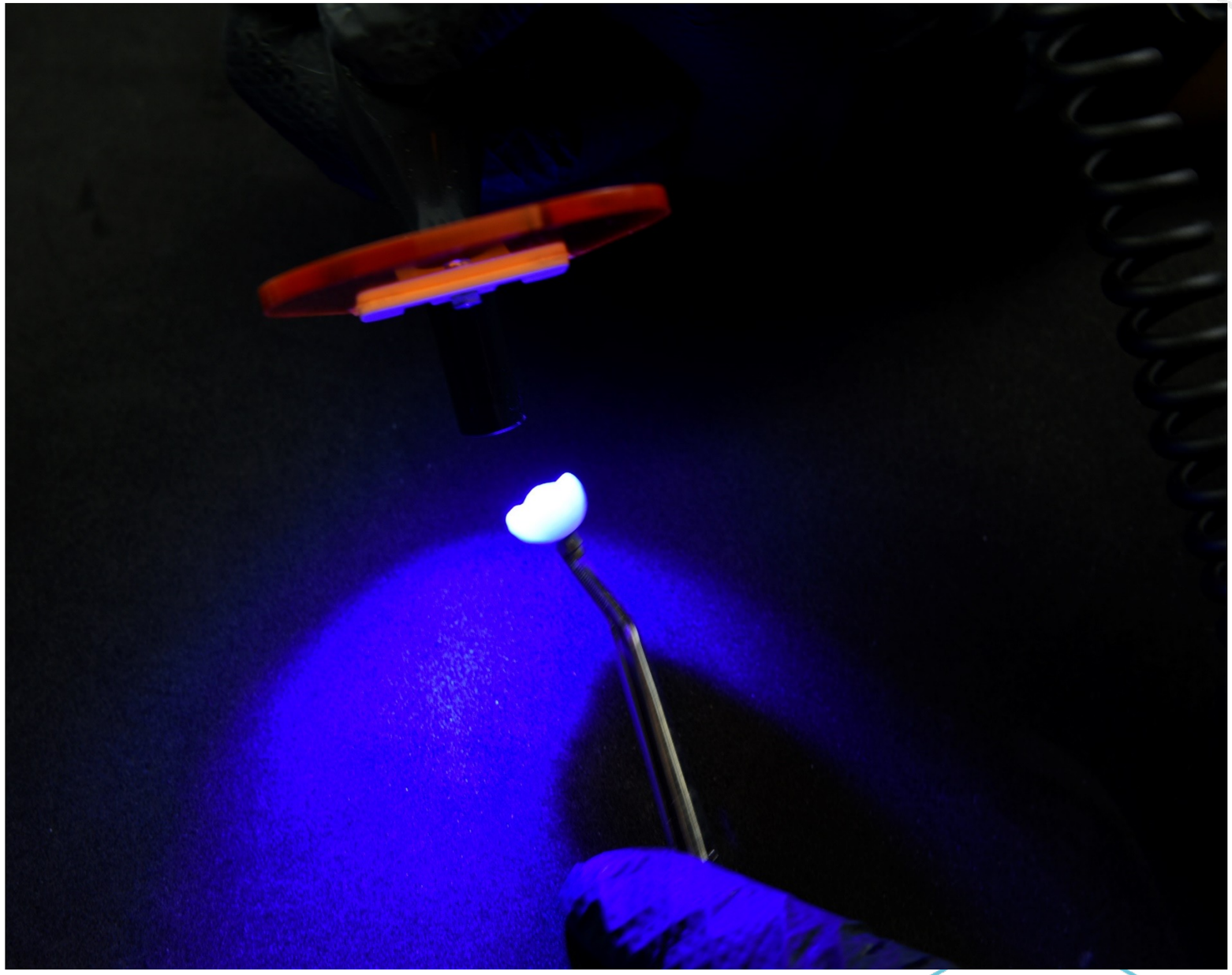
7. CHARACTERIZATION

Stains

Composite

Graphenano DENTAL

8. LIGHT CURING



Graphenano
DENTAL

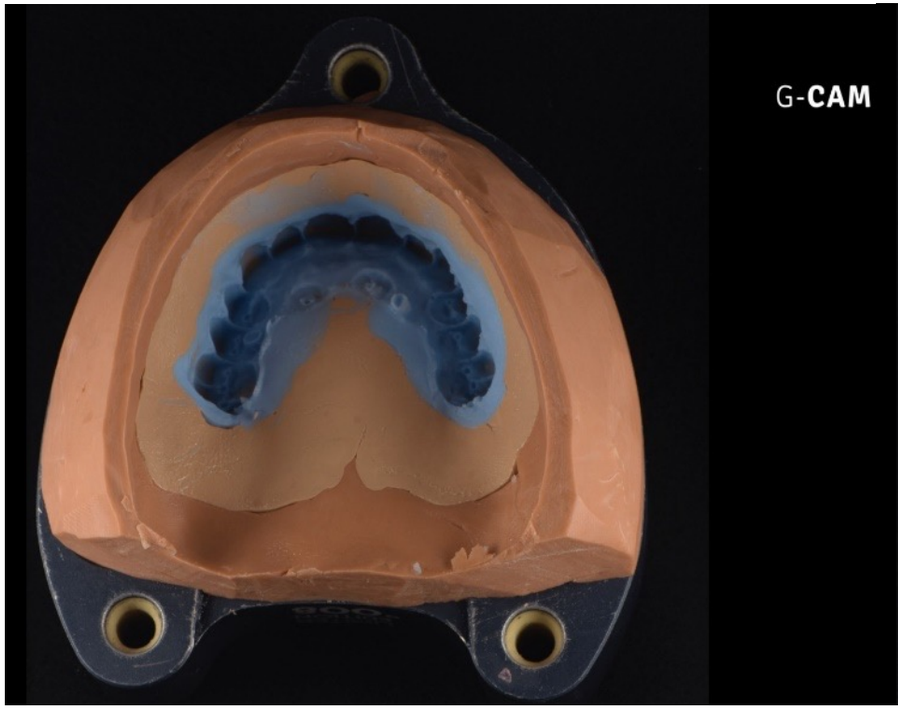
9.
FINISHING

Glaze

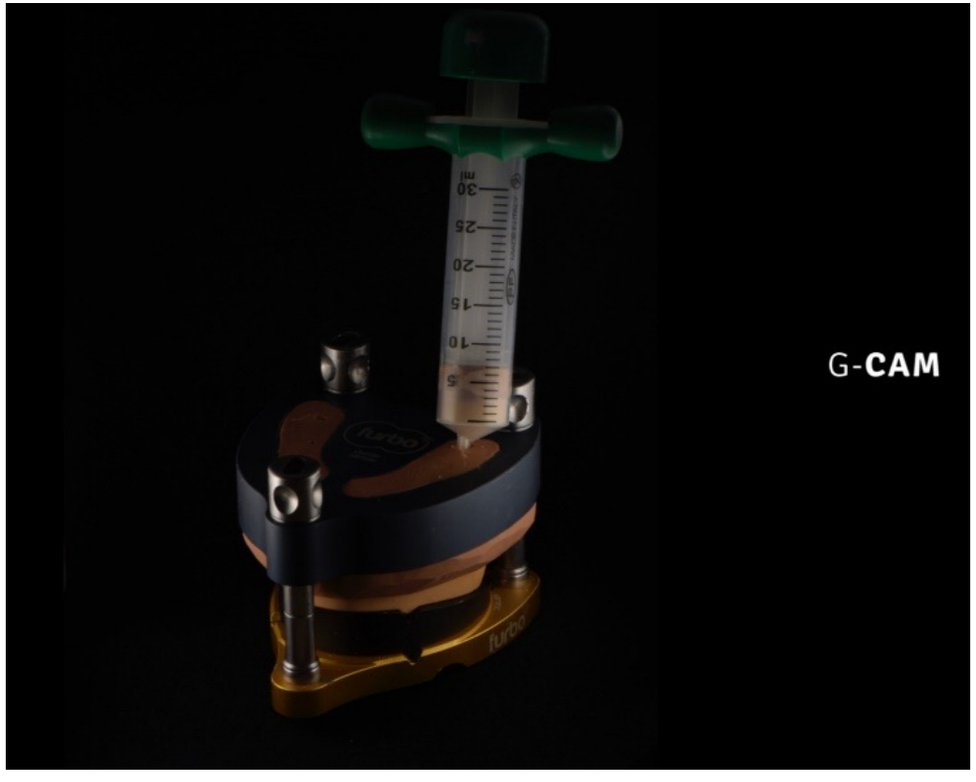
Manual Polishing

Graphenano DENTAL

Injection Process



Graphenano DENTAL

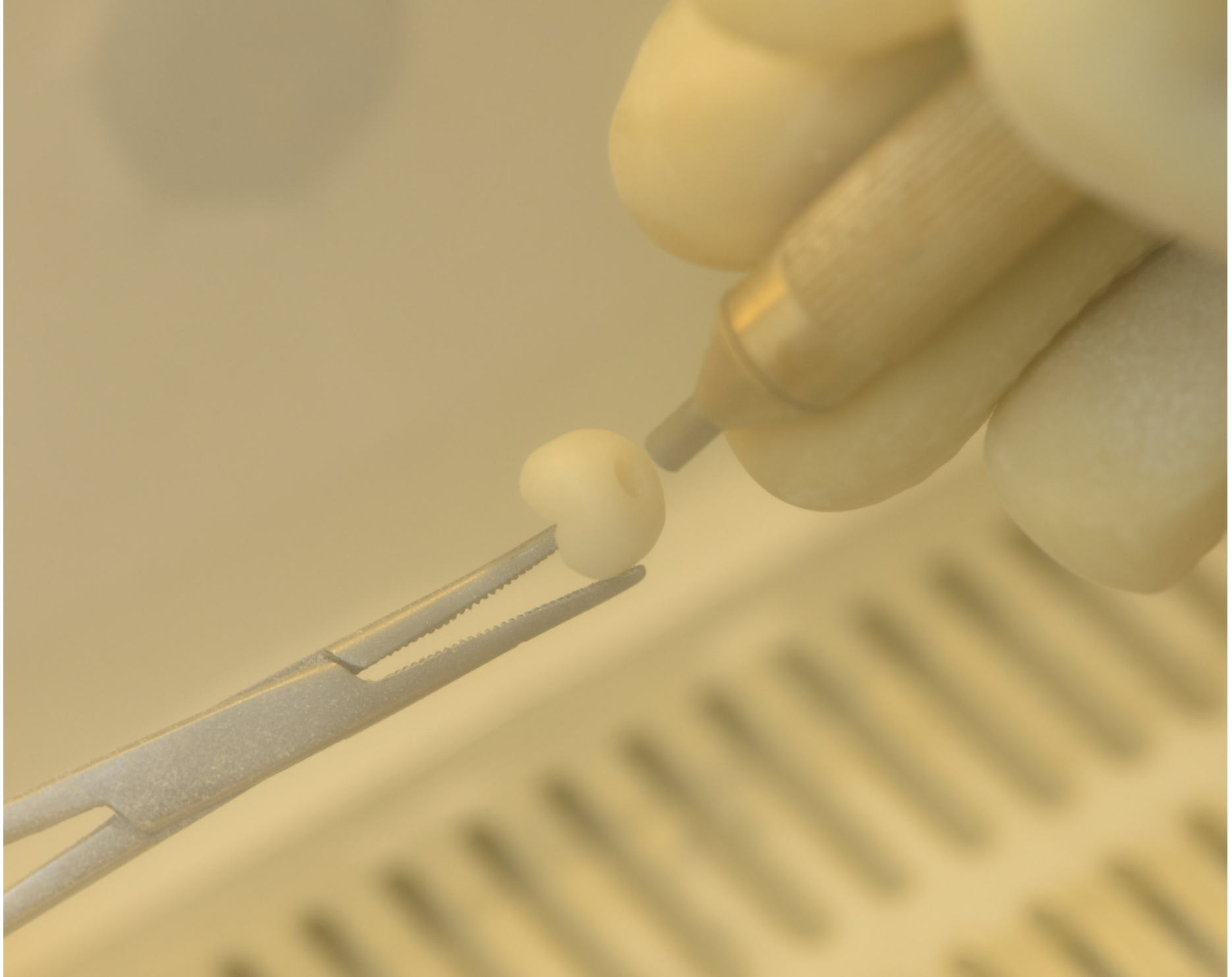


Graphenano
DENTAL

Graphenano
DENTAL

Cementation Process
Abutments

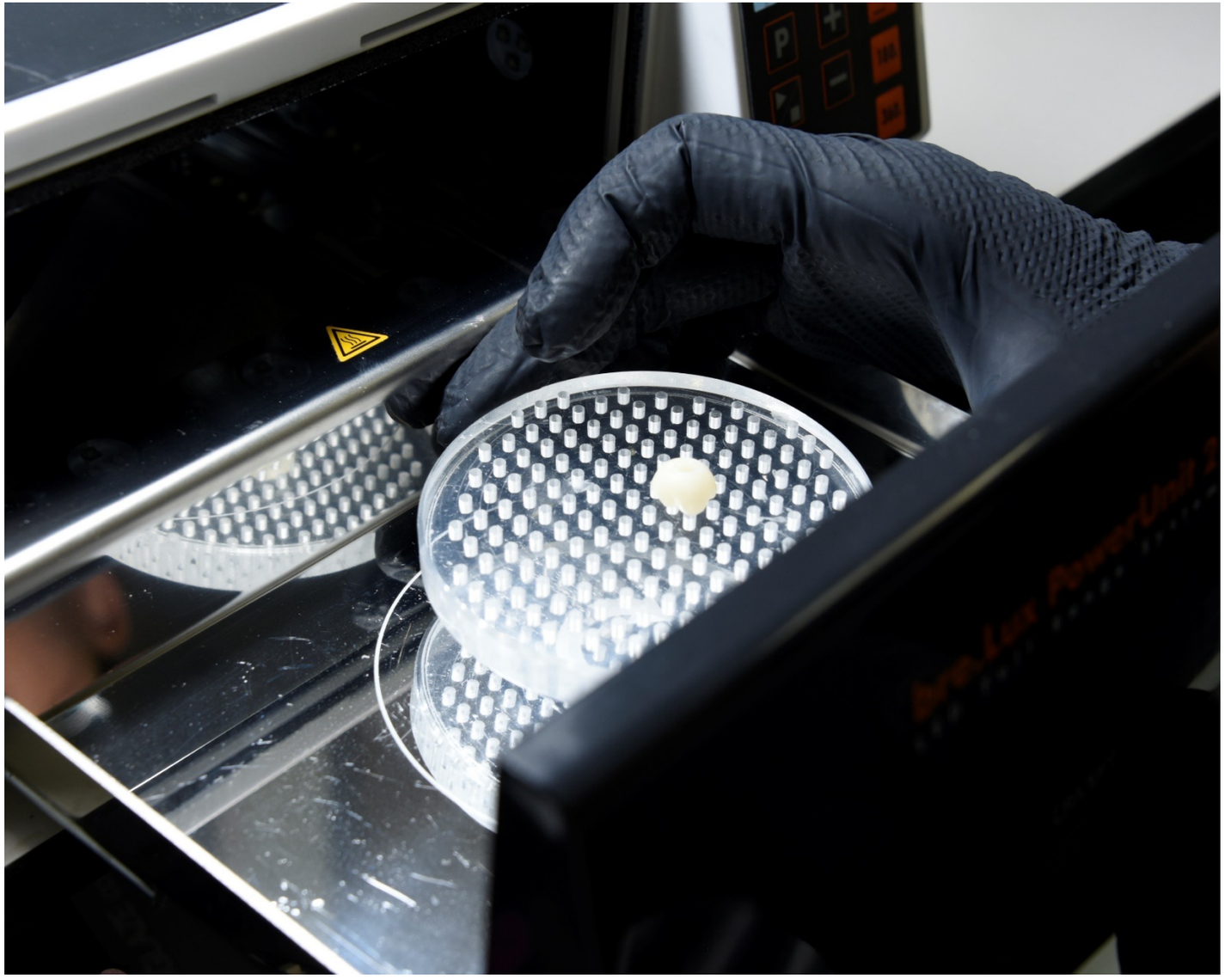
Graphenano DENTAL



Graphenano
DENTAL

Metal Primer

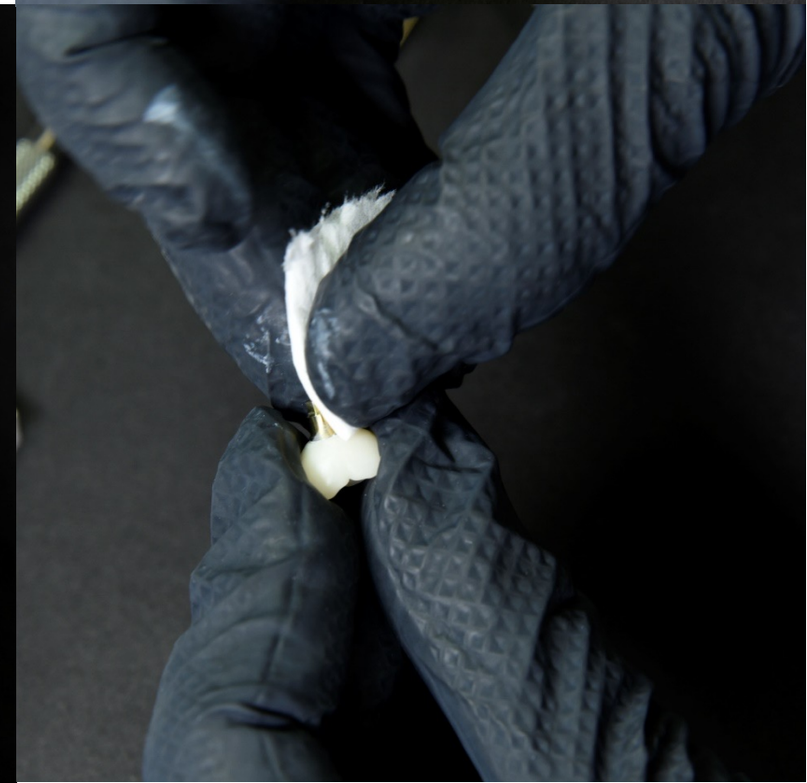
Acrylic Primer



Light Cure

Graphenano DENTAL

Conventional Lab Process



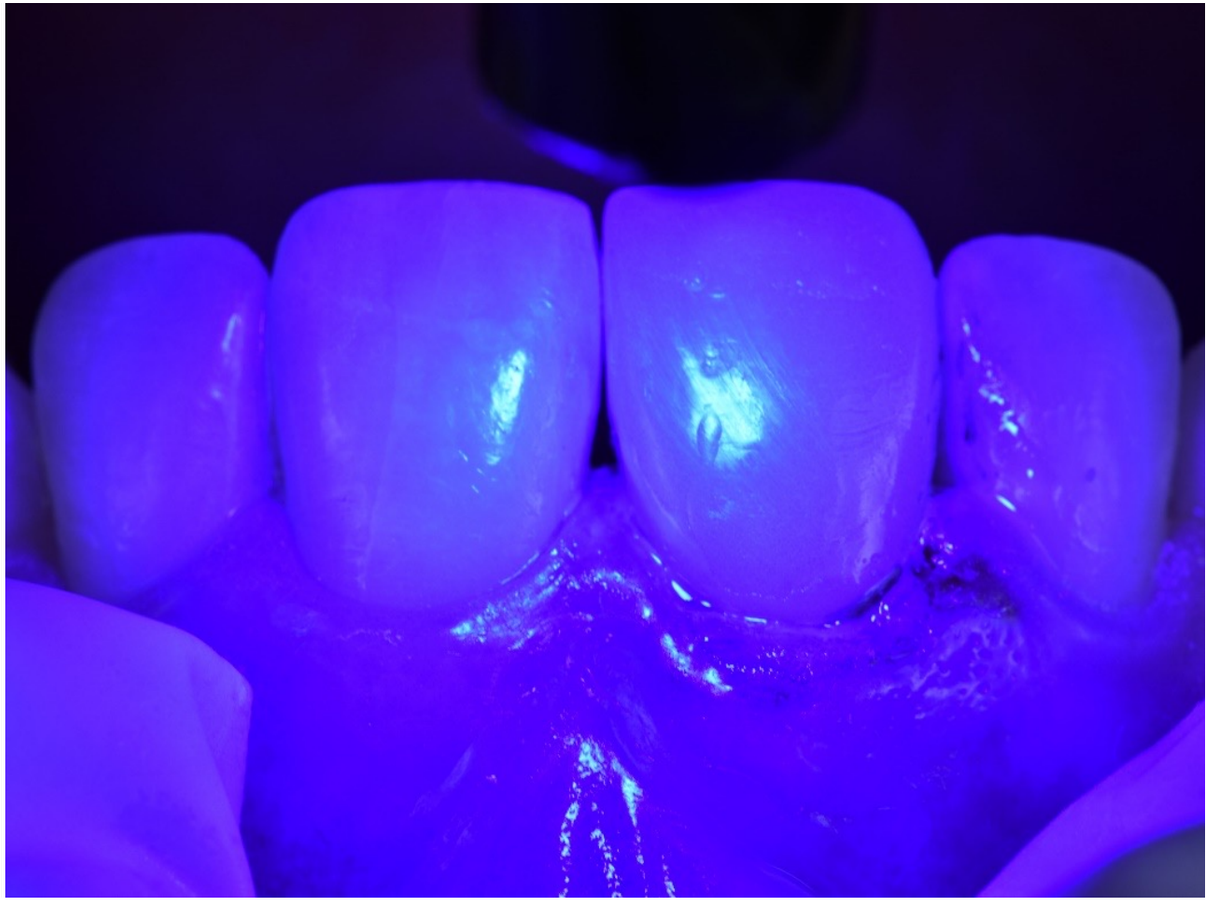
Clinical

Cementation Process

Graphenano DENTAL

Graphenano DENTAL

Graphenano
DENTAL



Graphenano
DENTAL

Graphenano
DENTAL

Before

After

Graphenano DENTAL

Follow up:
6 Month


THANK
YOU!!!
Graphenano
DENTAL
Graphenano Group:
Graphenano
DENTAL
GRAPHENE
by graphenano
INSIDE
Made in
Spain
Dental
Plus USA