



LUMINEERS®
in LUMITray™ technology

Chairside Reference Guide



With this **Chairside Reference Guide**, you're on your way to **efficiency and accuracy with LUMINEERS® with LUMITray™**. As you familiarize yourself with the procedure, follow these steps for precision placements. Once you have command of the procedure, keep the **Chairside Reference Guide** as a handy resource for quick referencing.





First Visit

LUMINEERS®

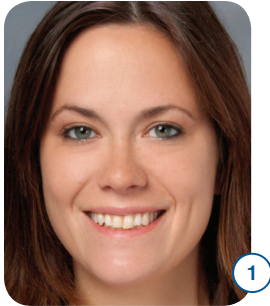
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1. Check-up



1. Communicate with your patient about planned treatment.
2. Reshape rotated or overlapping teeth where necessary.
3. Determine if your patient is a grinder (bruxism). If so, patient should wear a LUMIGuard protection guard at night.
4. Equilibrate the occlusion if necessary.

2. Photography



The following 8 photos are required for every case.

- Without cheek retractor
 - Patient standing
1. Full face (smile!)
 2. Close-up (smile!)

2. Photography (continued)



- With cheek retractor
 - Patient in chair
3. Close-up – frontal – occlusion
 4. Close-up – 45° right – occlusion
 5. Close-up – 45° left – occlusion

2. Photography (continued)



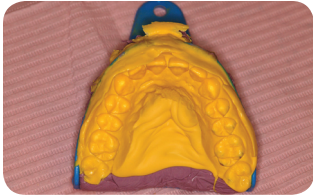
- With cheek retractor
 - Patient in chair
6. Close-up – upper arch with VITA® shade guide of current shade



7. Occlusal view – lower arch
8. Occlusal view – upper arch



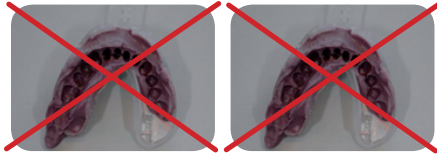
3. Impressions



Perfect Impressions = Perfect LUMITray™

- Upper arch and lower arch with syringe technique and closed impression tray.
- Respect the recommended working and setting time of the product.
- Bite registration required with every case.

3. Impressions (continued)



Check the Impressions!

- Correct impression tray.
- No bubbles.
- Enough impression material.
- No distortion of the impression.
- No perforation on the incisal edge or buccal surface.

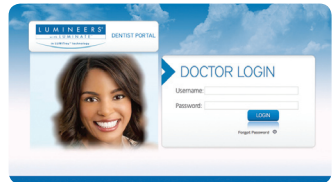
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4. Submitting A Case

There are two ways you can submit a case:

1. Use a traditional prescription form.
2. Log on to the LUMITray portal. Contact your account representative at **1-800-445-0345** to get your username and password. Then go to **<http://lumitray.denmat.com>** to begin submitting Rx's, tracking and viewing cases, viewing digital previews, and downloading support tools.



4. Submitting A Case (continued)

There are four ways you can submit photos:

1. Email photos to cerinatestudios@denmat.com.
2. Print photos and mail them to our studio.
3. Burn photos to CD and mail them to our studio.
4. Upload photos at <http://lumitray.denmat.com>.

Questions? Please call your account representative at

1-800-445-0345



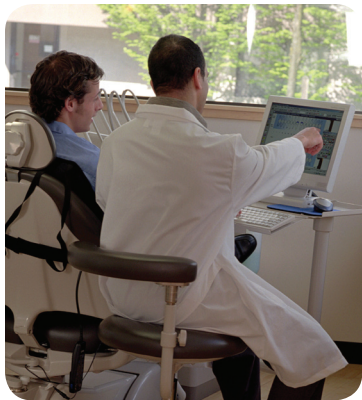


BEFORE

Second Visit

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IN ADVANCE



1. Communicate with your patient about the planned treatment.
2. If both upper and lower arch are to have LUMINEERS, start with the lower one.

1. Polishing



Clean the teeth with Porcelain Laminate Polishing Paste and rinse.

2. LUMIKey



When necessary, use LUMIKey and reshape as indicated.

- If reduction is required, place the LUMIKey over the teeth.
- Using a diamond bur, reshape until you reach the ridge of the tray, cutting into the tray.

3. Refresh the Enamel



Perform minimal enamelplasty with a prep diamond bur, using light pressure.

-Use the whole length of the bur, keeping contact with the teeth.

-Work systematically.

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4. Interdental Strips



1. Isolate the teeth receiving LUMINEERS from the teeth not receiving LUMINEERS by applying Paint-On Dental Dam or placing metal interdental strips in order to prevent etchant from contacting adjacent teeth.
2. Cure Paint-On Dental Dam.

5. Etching



1. Etch the teeth with Etch 'N' Seal[®] for 20 seconds.

2. Rinse thoroughly with water, then dry.

Note:

See pages 22 and 23 for treatment of ceramic crowns/veneers and composites.

Remove dental dam prior to tray insertion.

5. Etching (continued)

3-A. Treatment of Ceramic Crowns and Veneers

1. Polish the crowns/veneers with brush and pumice.
2. Mildly roughen crowns/veneers (as with natural teeth).
3. Isolate natural teeth with metal interdental strips.
4. Protect gingiva with Paint-On Dental Dam.
5. Etch crowns/veneers for one minute each with PorceLock[®] Porcelain Etchant. Rinse and dry.
6. Apply porcelain conditioner and leave for 30 seconds. Rinse and dry.
7. Apply Cerinate Prime[®] and gently dry.

5. Etching (continued)

3-B. Treatment of Composites

1. Mildly roughen the surface, as with natural teeth and dry.
Don't etch!

6. Bonding Application



1. Add 5 coats of Tenure[®] A+B.
2. Add 1 coat of Tenure S to the teeth.

Note: Tooth surfaces must be shiny.



7. Prime-Bonding on LUMINEERS



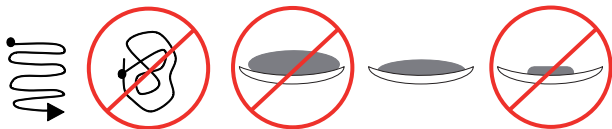
1. Add 1 coat of Tenure A+B on the inner side of the LUMINEERS.
2. Add 1 coat of Tenure S on the inner side of the LUMINEERS.

Note: LUMINEERS in LUMITray come pre-etched, pre-hydrolyzed and pre-silanated.

8. Ultra-Bond® Plus on LUMINEERS



1. Add an even layer of Ultra-Bond® Plus resin cement to the inner side of the LUMINEERS. Work upwards from incisal edge of the LUMINEERS to gingival edge and keep light contact with the LUMINEERS (see diagram below).



9. Insert the LUMITray



1. Remove the Paint-On Dental Dam or interdental strips.
2. Center the LUMITray (midline).
3. Insert the tray in one smooth movement. Apply light and continuous buccal pressure. Take your time for the placement.
4. Remove excess Ultra-Bond Plus resin cement from the gingiva with a microbrush.

10. Cure LUMINEERS Through LUMITray



1. Tack-cure each tooth using a sweeping movement with the Sapphire® 8mm tip. Set Sapphire Light for 3 seconds.

2. Remove more excess cement with a probe.



3. Light-cure each tooth for 3 seconds through the tray with Sapphire.

Curing Light Specifications:

If you do not use a high-speed Sapphire Light, the light must meet the following specifications:

- Minimal power output: 1000 mW/cm²
- Wave length between 425–475 nm

11. Remove LUMITray



1. Remove the LUMITray (do not twist).
2. Remove the blue retention dots with a Schure 349.
3. Remove any excess cement on the lingual side.

12. Clean-Up and Open Interdental Spaces



1. Remove Ultra-Bond Plus cement from interproximal spaces with a CeriSaw. Maintain complete control over the instrument. If difficult, postpone to follow-up visit.



2. Remove excess cement using the finishing bur kit.

13. Light-Cure the LUMINEERS



1. Light-cure each LUMINEERS individually for a second time, on both the lingual and buccal sides, for 5 seconds with Sapphire Light.

14. Check Occlusion and Polish



1. Check and finish the occlusion.
2. Polish the LUMINEERS with Porcelain Laminate Polishing Paste.

15. Finishing Touches



1. Preview new smile.
2. Take “after” photos.
3. Give LUMIGuard to patient.

CONTACT

LUMITray Portal:

<http://lumitray.denmat.com>

www.lumineersdds.com

1-800-445-0345

Send your impressions to:

Den-Mat Holdings, LLC

2727 Skyway Drive

Santa Maria, CA 93455, USA



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