

1. What is Sylc SmarTip?

Sylc SmarTip is a new single use prophy therapy system that has been designed to attach to an existing handpiece air line to deliver Sylc therapeutic prophy powder.

2. How many procedures does one Sylc SmarTip perform?

One Sylc SmarTip is sufficient for one full mouth treatment. Amount required for treatment may vary depending on level of stain and the patient's overall oral health.

3. Can I reuse Sylc SmarTip if not all the powder is used during treatment?

No, the SmarTip tip is a single use device. Discard after each patient use.

4. How do I discard the empty tips?

Please discard in the sharps container.

5. How do I clean the SmarTip adapter?

Thoroughly clean and disinfect the surfaces of the adapter by applying an approved non-immersion disinfectant solution.

6. How is the treatment with Sylc SmarTip different from my current air polishing desktop or handheld equipment?

Sylc SmarTip is a dry powder application that requires only air. The water delivery port is sealed off (adapter feature).

7. What is the recommended treatment procedure?

Sylc SmarTip is a dry powder application. Patients may experience dry mouth. Rinse and evacuate after every quadrant for patient comfort. Patient should rinse well after treatment.

8. How should the powder be applied?

Apply Sylc in a circular motion 3-4 mm from the tooth surfaces.

9. After Sylc treatment, my patients state that they have a gritty feeling in their mouth, why?

Patients may experience a gritty feeling in their mouth a few minutes after the treatment. This is expected because Sylc particulates are adhering to tooth surfaces to provide therapeutic benefits of desensitization.

10. Why do I have to check my air pressure prior to using Sylc SmarTip?

Before attaching your Sylc SmarTip device to the handpiece air line, we recommend that you first test your air line pressure with an air pressure gauge to ensure that your air pressure is set

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between 35-45 psi (2.4-3.1 bar). It is recommended to test the line at least 2 times to get a consistent reading then attach the Sylc SmarTip adapter (see Important Notice Card).

11. What is Sylc?

Sylc is the first and only therapeutic prophy powder that desensitizes, cleans & polishes and regenerates the tooth to create an enamel like layer in one easy treatment.

12. What is bioactive glass?

A chemical compound composed of naturally occurring elements (Calcium, Phosphorous, Silica and Sodium) that has been used in medicine for decades to promote bone growth

13. Why is bioactive glass being used in dentistry?

For decades, bioactive glass has been incorporated into many medical products. For dental products, bioactive glass has been shown to promote regeneration of damaged tooth surfaces, creating enamel like layer. The material provides superior benefits in reducing painful hypersensitivity, a common dental malady.

14. What is NovaMin?

NovaMin is a tradename for bioactive glass.

15. How is Sylc different from the other products I'm using that contain NovaMin?

Products currently on the market which contain NovaMin or other forms of bioactive glass have very low concentrations, usually less than 10%. Sylc is concentrated strength bioactive glass (NovaMin).

Sylc has no bad salty taste and doesn't sting or irritate the soft tissue like other competitive powders.

16. How is Sylc different from the prophy powder I'm already using?

Prophy powders are primarily formulations of sodium bicarbonate (baking soda), or chemical alternatives such as Calcium Carbonate or Hydrated Alumina. None of these have a composition that reacts bioactively with the tooth surface and consequently can't deliver any of the desensitizing or dentin and enamel rebuilding benefits of Sylc.

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17. Why are there no sodium contraindications when there is sodium in the chemical formulation?

The sodium in Sylc is less than 500 milligrams. This is very small in comparison to 2,000-3,000 milligrams in sodium bicarbonate (highly soluble and will dissolve quickly). The majority of the sodium is mixed with the particles during the manufacturing process to enhance the calcium phosphate. Because the particles dissolve over time the release of sodium is very small (.2 milligrams), this results in no salty taste and no sodium contraindications.

18. What is the particle size of Sylc?

Sylc is 25-120µm vs. sodium bicarbonate of 73-210 µm

19. Why does a sodium bicarbonate powder not address sensitivity? They're applied using the same air polishing procedure?

Sodium bicarbonate, while it does temporarily occlude open dental tubules, dissolves easily and dissipates shortly following the air polishing procedure. Unlike Sylc, sodium bicarbonate does not form hydroxycarbonate apatite crystals and thus cannot promote regeneration that leads to long term reduction in hypersensitivity.

20. Hygienists like the new prophy paste with NovaMin. How is Sylc different?

Sylc is concentrated bioactive glass (NovaMin). Prophylactic paste contains NovaMin at greatly reduced levels (usually less than 10%).

21. How long does the desensitization benefits of Sylc last?

Simulated brushing studies have shown that hypersensitivity can be reduced to up to 6 months following a procedure using Sylc.

22. Does Sylc abrade tooth surfaces?

No, clinical studies have indicated that the abrasive results of Sylc are statistically insignificant.

23. Does Sylc irritate soft tissues like other prophylactic powders?

No, Sylc is a "round" denser particle molecular structure that is soft and gentle on sensitive soft tissues. Conversely, sodium bicarbonate has a "sharp" structure that irritates soft tissue when applied under a concentrated high pressure stream of air.

24. Can Sylc be used on restorations?

As a rule of thumb, air polishing is not recommended for dental restorations as it could cause damage. Avoid directing Sylc toward restorations, crowns and bridgework.

25. What are the contraindications for Sylc?

Sylc is not recommended for patients who are allergic to silica.

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26. Why doesn't Sylc address intrinsic stains?

Intrinsic stains or discoloration are found deep within the tooth structure. Sylc addresses extrinsic stain, or those found the tooth surface.

27. Why doesn't Sylc whiten teeth?

Whitening is a popular term to describe a chemical bleaching process, usually with hydrogen peroxide. Sylc does not contain any hydrogen peroxide products. Sylc provides superior cleaning results, removing extrinsic stain and tartar build-up. Removal of these unsightly compounds results in teeth surfaces that are brighter, lustrous and healthy.

28. Why are hygienists reluctant to use air polishing?

From a patient viewpoint, air polishing is painful, messy and has an unpleasant salty taste.

From a clinician viewpoint, the procedure is messy and characterized by frequent "downtime" due to equipment clogging and maintenance requirements.

29. Why is an air polishing treatment recommended to clean teeth?

Air polishing is a minimally invasive treatment option to remove tenacious stains. The use of an air polishing system allows clinicians to not only clean and polish tooth surfaces, but it allows clinicians to effectively clean interproximal areas and in between orthodontic brackets.

30. Why should clinicians expect to use less Sylc powder per treatment compared to other powders?

Sylc requires less powder per treatment because Sylc is a dense powder that when applied to tooth surfaces it stay in place resulting in more powder per tooth surface and less is wasted in overspray. Current air polishing powders such as sodium bicarbonate or calcium carbonate are composed of lighter molecular structures that easily produce a messy overspray and/or aerosol.

31. How is desensitization handled by insurance?

Although there may be differences between insurance plans, some patients can expect to have as much as 80% of the cost covered by their insurance. The code for a desensitizing procedure is D09910 which places no restrictions on how the treatment is delivered.

32. How is Sylc SmarTip packaged?

- Sylc SmarTip is available as a Starter Kit containing one adapter and 10 prefilled tips.
- Sylc SmarTip is available as a Refill Kit containing 25 prefilled tips.
- Sylc SmarTip adapter is available as a single unit.