**Opalescence Boost 40% Tooth Whitening System**

**Description:**
Opalescence Boost 40% is a hydrogen peroxide, in-office whitening gel. The 2-barrel jet mix syringe ensures maximum strength for each application and precise dosing of the activator. One barrel contains 1.1% sodium fluoride and 3% potassium nitrate, along with a unique chemical activator, which is combined with a second barrel containing hydrogen peroxide. The final hydrogen peroxide concentration is 40%.

**Indications for Use:**
Opalescence Boost 40% whitening is for in-office use only. It is applied by the dental professional for bleaching one or more teeth. Opalescence Boost in-office whitening is also used on non-vital teeth, including in-office intracoronal bleaching. Opalescence Boost in-office whitening is an alternative, conservative method (compared to crowns, veneers, etc.) for bleaching dark, internally discolorated teeth caused by predisposing factors such as disease, traumatic or iatrogenic injury, congenital, systemic, metabolic or pharmacological influences. These can include but are not limited to elevated bilirubin levels, tetracycline and adult minocycline stains, porphyria, erythroblastosis fetalis and high fluoride intake during tooth development.

**Preliminary Procedures:**
1. Clean and polish teeth approximately two weeks prior to bleaching appointment.
2. Verify flow prior to applying intraorally.
3. If using a rubber dam, follow “Clean-up” Step 1, remove clamps, dam, and frame.
4. Remove rubber dam sealer with spatula, soft toothbrush, floss, suction and firm air/water spray.
5. Rinse and dry teeth and gums thoroughly.
6. Use only recommended tips. Do not reuse tips to avoid cross-contamination.
7. Verify flow of all syringes prior to applying intraorally. If resistance is met, replace tip and re-check. If resistance continues, DO NOT use that syringe and contact Ultradent Customer Service for replacement.
8. To avoid gel splatter, do not use water while suctioning gel. When no gel is visible, lightly rinse and air dry. Use caution not to dislodge the isolation barrier or rubber dam seal.
9. Evaluate shade change. If persistent tooth sensitivity occurs, discontinue use.
10. Repeat steps 5-9 as needed.
11. Follow “Clean-up” instructions to remove gingival barriers.
12. Seal access with a non-eugenol and non-resin provisional restorative such as UltraTemp® Regular.

**Notes:**
- If additional whitening is desired, re-schedule and repeat the Opalescence Boost in-office whitening procedure above or use Opalescence® Endo whitening.
- Whitening effect may continue for 24-48 hours following bleaching, hence a slight increase in whitening may be realized during this period.
- Over years, regression is to be expected and re-bleaching on an average of 3-5 years is recommended.

**Precautions and Warnings:**
- Gingival and oral health should be confirmed before using this product.
- Do not use on patients with a known sensitivity to peroxydes, glycals, acrylics or other resins.
- If allergic reaction, dermatitis or rash develops, consult a physician.
- When protecting a full arch, light the curing resin in a standard mode using a scanning motion for 20 seconds and keeping the lens approximately 1 cm from the barrier and tissue. When protecting tissue adjacent to fewer teeth, scan the barrier for approximately 3-5 seconds per tooth. Use a dental instrument, carefully check resin for a full cure.
- If bubbles occur along the margin of the OpalDam resin barrier after the application of Opalescence Boost in-office whitening gel, suction off gel, rinse and check for leakage. Dry area and re-apply OpalDam resin barrier to the site.
- Cover any sensitive areas of exposed dentin.
- For patients with known tooth sensitivity, pre-op and post-op treatment with UltraEZ desensitizing gel. Opalescence sensitivity relief toothpaste, and/or Elmex® fluoride varnish is recommended. Depending on the severity of sensitivity, other treatment options are available.
- Areas of hypocalcification, though not clinically visible, may exist and will whiten quicker than surrounding enamel. As patient continues to whiten, the areas will begin to blend.
- All Ultradent products are compatible with all dental materials and should never be injected.
- Keep out of direct heat and/or sunlight.
- Opalescence Boost in-office whitening should be used within 10 days of mixing. Keep refrigerated between uses.
- Dispose of tips and syringes as described in above instruction and according to local regulations.

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**Opalescence Boost in-office whitening:**

1. Place Ultradent IsoBlock™ bite block and self-supporting lip/cheek retractors.
2. Before attaching rubber dam to the frame, apply a bead of rubber dam sealer at the gingival margin between the dam and the teeth.
3. Attach dam to the frame and invert rubber dam at the gingival border. Check for optimum seal.

**Applying Opalescence Boost in-office whitening:**
1. On gauze or mixing pad, verify flow of all syringes prior to applying intraorally. If resistance is met, replace tip and re-check. Use only recommended tips.
2. Attach the Black mini tip. Verify flow prior to applying intraorally.
3. Follow “Isolation” instructions above isolating both the labial and lingual sides of the tooth.
4. Express resin through any open embrasures onto the lingual tissue to completely seal and cover exposed papilla.
5. Express into access opening, the labial, and if desired, the lingual surface.
6. Continue building the barrier apically until it is 4-6mm high and 1.5-2.0mm thick.
7. Repeat steps 2-5 up to two additional times if desired results have not been achieved. Do not exceed 3 applications per visit.
8. If additional in-office whitening is desired and no significant sensitivity is noted, re-schedule and retreat patient as desired. If sensitivity was experienced, repeat treatment when the sensitivity has subsided.

**Clean-up:**
1. Suction gel from teeth using the Luer Vac and SST™ (Surgical Suction Tip) or a surgical suction tip. To avoid gel splatter, do not use water while suctioning gel. When no gel is visible, lightly rinse and air dry. Use caution not to dislodge the isolation barrier or rubber dam seal.
2. Evaluate shade change after each application and monitor patient for sensitivity and irritation. If persistent tooth sensitivity occurs, discontinue use.
3. Avoid contact with soft tissue or salivary flow. If chemical irritation occurs due to the intraoral soft tissue coming in contact with the hydrogen peroxide gel, immediately wipe the gel from the tissue using a wet gauze and rinse the area well. Tissue should return to normal within 20-30 minutes.
4. Wash and dry teeth and gums thoroughly.
5. Use only recommended tips. Do not reuse tips to avoid cross-contamination.
6. To avoid cross-contamination, use a disposable syringe cover, re-cap, and wipe syringe with an intermediate disinfectant between uses. If these measures are not taken, the syringes should be considered single-use.
8. Pregnant or breastfeeding women, or patients with serious health concerns should not whiten. Consult their primary care provider prior to treatment.
9. Wear protective gloves when handling this product.
10. Before disposing of syringes aspirate water into the syringe and express liquid down the drain. Repeat a couple of times before disposing of the syringe. Make sure any gauzes used are rinsed with water.
11. Do not use patients with a known sensitivity to peroxydes, glycals, acrylics or other resins.
12. If allergic reaction, dermatitis or rash develops, consult a physician.
13. When protecting a full arch, light the curing resin in a standard mode using a scanning motion for 20 seconds and keeping the lens approximately 1 cm from the barrier and tissue. When protecting tissue adjacent to fewer teeth, scan the barrier for approximately 3-5 seconds per tooth. Use a dental instrument, carefully check resin for a full cure.
14. If bubbles occur along the margin of the OpalDam resin barrier after the application of Opalescence Boost in-office whitening gel, suction off gel, rinse and check for leakage. Dry area and re-apply OpalDam resin barrier to the site.
15. Cover any sensitive areas of exposed dentin.
16. For patients with known tooth sensitivity, pre-op and post-op treatment with UltraEZ desensitizing gel. Opalescence sensitivity relief toothpaste, and/or Elmex® fluoride varnish is recommended. Depending on the severity of sensitivity, other treatment options are available.
17. Areas of hypocalcification, though not clinically visible, may exist and will whiten quicker than surrounding enamel. As patient continues to whiten, the areas will begin to blend.
18. All Ultradent products are compatible with all dental materials and should never be injected.
19. Keep out of direct heat and/or sunlight.
20. Opalescence Boost in-office whitening should be used within 10 days of mixing. Keep refrigerated between uses.
21. Dispose of tips and syringes as described in above instruction and according to local regulations.