**AccuDent® XD**
Alginate Impression System

**Office Procedure Guide**
**Short Instructions**

**Materials Needed:**
- Water at 73° F (3rd Bowl)
- 2 mixing bowls and spatulas
- AccuDent XD Syringe
- 1 packet AccuDent XD Syringe Powder
- 1 packet AccuDent XD Tray Powder
- AccuDent XD Measuring Vial
- AccuDent XD Impression Tray
- Gauze for wiping vestibules
- AccuDent XD Tray Adhesive

**Tray Selection - Dentate**

<table>
<thead>
<tr>
<th>Mandibular</th>
<th>Maxillary</th>
</tr>
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<tbody>
<tr>
<td>Small</td>
<td>Small</td>
</tr>
<tr>
<td>Medium</td>
<td>Medium</td>
</tr>
<tr>
<td>Large</td>
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5 6 3 2

**Mandibular**

Small 5
Medium 3
Large 1

**Maxillary**

Small 6
Medium 4
Large 2

**Mixing Sequence**

1. Apply Tray Adhesive. Let dry for 3-5 mins.

2. Mix the Syringe Gel with 21ml of 73°F water.

3. Spatulate the Syringe Gel for 45 seconds.

4. Backload the syringe and replace the plunger. Set aside syringe.

5. Mix the Tray Gel with 44ml of 73°F water.

6. Spatulate for 45 seconds or until smooth.

**Procedure**

7. Load the tray from posterior.

8. Syringe Gel onto dentition, posterior to anterior. Repeat for opposing arch.

9. Without tip, dispense Syringe Gel onto vestibules and a small amount into the anterior vault.

10. Place tray front to back. Do not over-seat. **Total Set Time:** 3 mins 45 secs from mixing of Syringe Gel.

11. Remove tray carefully and rinse. Do not pull on handles. **Disinfect and pour model immediately.**
**Mixing Sequence**

1. **Apply Tray Adhesive.** Let dry for 3-5 mins.

2. **Mix the Syringe Gel with 21ml of 73°F water.**

3. **Spatulate the Syringe Gel for 45 seconds.**

4. **Back load the syringe and replace the plunger. Set aside syringe.**

5. **Mix the Tray Gel with 44ml of 73°F water.**

6. **Spatulate for 45 seconds or until smooth.**

7. **Load the tray from posterior.**

8. **Syringe Gel into mucobuccal fold posterior to anterior. Repeat for opposing arch.**

9. **Syringe a small amount of gel in the anterior vault.**

10. **Place tray front to back. Do not over-seat. Total Set Time: 3 mins 45 secs from mixing of Syringe Gel.**

11. **Remove tray carefully and rinse. Do not pull on handles. Disinfect and pour model immediately.**

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**Refer to AccuDent XD Instructions for use (PC# 681983) for additional information.**

For more information, call us at 1-800-533-6825 in the U.S., 1-800-263-8182 in Canada.

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