

ATRIDOX[®]

(doxycycline hyclate) 10%

in the ATRIGEL[®] Delivery System
for controlled release in subgingival application

Antimicrobial action right where you want it™

If refrigerated, remove from refrigerator 15 minutes prior to use

Contents

- 1 **Syringe A** with liquid polymer (red stripe)
- 1 **Syringe B** with doxycycline hyclate powder
- 1 sterile blunt cannula

Important

When removing caps, hold syringes with the nozzles upright to avoid spilling before coupling.

Step 1.

Twist and lock **Syringe A** containing liquid polymer with **Syringe B** containing doxycycline powder.



Syringe A

Syringe B

Step 2.

Inject contents of **Syringe A** into **Syringe B** and then push contents back into **Syringe A**. Mix syringes back and forth 100 times (about 1 1/2 minutes). The contents must be in **Syringe A** (indicated by red stripe) when finished.



Step 3.

Hold the coupled syringes vertically with **Syringe A** at bottom. Pull back on **Syringe A** plunger and allow contents to flow down the barrel for several seconds.

Step 4.

Uncouple the two syringes and attach blunt cannula to **Syringe A**.



Syringe A

Blunt Cannula

Follow these directions for optimal results

Administration



Step 1.

- When removing caps, hold syringes with the nozzles upright to avoid spilling before coupling.
- Twist and lock the two syringes and follow package directions to prepare ATRIDOX[®] for administration.
- Attach blunt cannula as directed.



Step 2.

- Bend cannula to resemble a periodontal probe.



Step 3.

- Keep cannula tip near pocket base.
- Express product into pocket until gel reaches top of gingival margin.
- Maintain steady, equal pressure while expressing the ATRIDOX[®].
- Slowly draw cannula coronally as the pocket begins to fill.



Step 4.

- To ensure a clean separation of the cannula from the ATRIDOX[®] in the pocket, consider using a moistened dental hand instrument to hold product in place.
- Withdraw cannula tip from pocket.
- To separate ATRIDOX[®] from cannula, turn tip toward tooth, press tip against tooth surface, and pinch string of formulation against tooth to break off. (See *Additional Recommendations* below)



Step 5.

- Tamp ATRIDOX[®] lightly into pocket and wipe off any excess.
- Dip edge of dental instrument in water before packing to help keep ATRIDOX[®] from sticking to instrument and speed coagulation of ATRIDOX[®].
- Drip a few drops of water onto the surface of ATRIDOX[®] in the pocket to aid in coagulation.
- If necessary, add more ATRIDOX[®] and pack into pocket until pocket is full.
- Cover the pocket with periodontal dressing.

Bioabsorbability

- 30% gone in approximately seven days
- 98% gone in approximately 28 days

Additional Recommendations

Application

- ATRIDOX[®] usually can be applied without chairside assistance
 - insert cannula into base of pocket
 - express slowly into pocket
 - separate product from cannula by pressing tip against tooth
 - use a wet cotton swab to hold product in while extracting cannula
 - use a wet curette or a cord packing instrument to tamp product lightly into pocket
 - consider using a smaller gauge cannula in tight pockets (i.e., Ultradent Capillary™ Tip)

Retention

- **Most-retentive sites**
 - posterior interproximal sites
 - in general, deeper sites, especially if there is an associated furcation
- **Least-retentive sites**
 - shallow pockets
 - single-rooted teeth
 - recommendations for least-retentive sites
 - overflow ATRIDOX[®] and pack into embrasure
 - cover with periodontal dressing

Home Care

- Instruct patient not to brush or floss treated area for seven days
- Direct patients to avoid chewing around infected area, if possible, for seven days
- Recommend swabbing or rinsing with an oral rinse, if desired
- Do not be alarmed if small amounts of ATRIDOX[®] are dislodged. ATRIDOX[®] is harmless if swallowed.
- As gums heal, ATRIDOX[®] may be noticed at the gumline