How to Re-filter Your Bee Venom Solution

You may need to re-filter your bee venom solution if you are having problems filling your syringes for injections. For example, if your syringes are filling with air instead of solution or if you are consistently getting too many air bubbles in the syringe when you fill it.

To refilter your bee venom solution you will need the following materials:

1. Your bee venom solution vial.

2. Empty, 20 ml amber colored vial with lid.



3. Two, syringes with an end cap.



4. Two, syringe needles



5. Syringe Filter



6. Sterile 10 ml empty vial



7. Alcohol swabs

Instructions

Section 1: Preparing your workspace

1. Find a clean surface free of clutter to use for filtering your venom solution.

2. Spray and wipe the surface with windex or your favorite surface cleaner and paper towel.

3. Use Megan's Miracle antibacterial hand soap with bee venom or, your favorite soap to wash your hands thoroughly. Use a paper towel to dry your hands.

4. Gather all of your materials, including everything included with your accessory kit (shown above) and your bee venom solution vial.

Section 2: Transferring your bee venom solution into a different vial

1. Use an alcohol swab to wipe the top of your vial that is filled with your bee venom solution.

2. Remove the black cap from the amber colored 20 ml empty vial (photo #2)

3. Open one of the sterile syringes (photo #3)

4. Open one of the sterile syringe needles (photo #4). Do not remove the cap.

5. Remove the end cap from the syringe (photo #3).

6. Attach the needle to the end of the syringe as shown in the photo below.

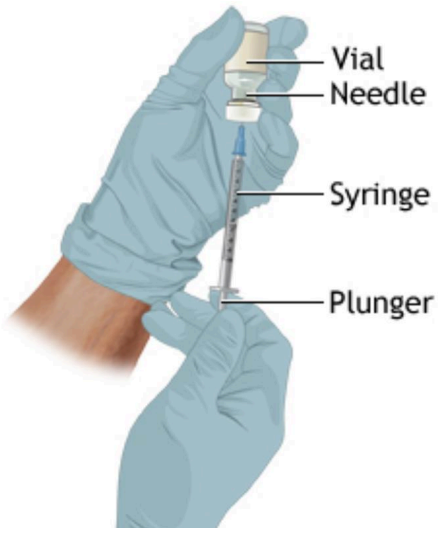
*To attach the needle just push the pink end of the needle onto the end of the syringe until it feels securely connected.



7. Insert the syringe needle into the center of your injection vial that is filled with your bee venom solution.

8. Pull back on the plunger to fill your syringe with bee venom solution from inside your vial.

*You may need to flip the vial upside down and pull the needle partially out, to get all of the solution into the syringe.



9. Once the syringe is full with solution, pull the needle back out and remove it from the vial.

10. Use the syringe to inject the solution into the amber colored vial (photo #2)

*To inject the solution into the vial, push down on the plunger of the syringe until all of the liquid is in the amber vial.

*If necessary, repeat steps 7 through 10 to transfer any remaining venom solution from your original injection vial.

11. Screw the black cap back on the amber vial. Set the vial of venom solution aside.

12. Do not recap the needle or remove the needle from the syringe. Dispose of the syringe and needle in a sharps container.

(see photo at the bottom of these instructions if you do not already have a sharps container)

13. Throw away the old used vial that had your bee venom solution in it.

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Section 3: Transferring your bee venom solution into the syringe

1. Remove the plastic cap from the empty 10 ml, clear sterile vial (Photo #7).

*push up on the plastic cap with your thumb to pop off the cap.

2. Use an alcohol swab to wipe the top of the vial.

3. Open the purple colored syringe filter (photo #5).

4. Open the 2nd syringe needle (photo #4).

5. Open the 2nd syringe (photo #3).

6. Remove the plunger from the syringe as shown in the photo below.



7. Make sure the end cap is securely fastened to the syringe to prevent any leaks. (Photo #3)

8. Shake the amber colored vial of venom solution vigorously for 10 seconds.

14. Unscrew the cap from the amber vial.

15. With the end cap securely fastened to the syringe, carefully pour the bee venom solution into the syringe tube.



16. Insert the plunger back into the syringe tube as shown in the photo above.

*Make sure the black rubber stopper is all the way inside the syringe tube to prevent any solution from leaking out of the syringe.

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Section 4: Filtering Your Venom Solution

1. Grab the solution filled syringe and hold it so the end cap is facing up as shown in the photo below.



2. Remove the end cap from the syringe.

3. Attach the purple filter to the end of the syringe (photo #5).

(See photo below for reference of what this looks like)

*Make sure it is securely fastened to the end to prevent any leaks.

*Only one side of the filter will fit over the projection on the syringe.

4. Attach the needle to the end of the filter.

*The pink end of the needle fits over the end of the filter.

*Make sure it is securely fastened to the end to prevent any leaks.



5. Carefully pull up to remove the cap from the needle.

6. Insert the syringe needle into the center of the rubber on the lid of the sterile vial.

7. Push down on the plunger to inject the venom solution through the filter and into the new vial.

*If you experience difficulty getting all of the solution through the filter, pull up on the syringe so the end of the needle is not submerged in the solution.
*You may need to push harder than usual to get the solution through the filter and injected into the vial.

8. Once all of the solution is in the vial, remove the syringe needle and dispose of it in your sharps container.

*If you don't already have a sharps container, you can make one using an empty plastic jug or container and a sharpie marker like shown below in the photo.

