

Stem Cell & Exosome *IV Therapy*

Step-by-step preparation and administration for combined intravenous delivery.

For licensed medical providers only. Confirm patient eligibility, informed consent, and documentation per your state requirements before administration. Aseptic technique throughout.

Before You Begin

- Sterile gloves, alcohol prep pads, aseptic field
- IV bag & line with administration port already established
- Appropriate-gauge syringe(s) and needle(s) for withdrawal
- Product vials (stem cell + exosome) retrieved from cold storage
- Patient chart, consent, and Certificate of Analysis (COA) on file

The Protocol

01 Retrieve from cold storage

Remove the stem cell and exosome vials from the -80°C freezer or liquid nitrogen tank. Verify the product, lot number, and expiration against the COA before proceeding.

02 Thaw naturally

Allow the vials to thaw at room temperature—approximately 5 minutes—until fully liquid. Do not apply external heat, hot water, or agitation. Gently swirl; never shake.

03 Inspect

Confirm the contents are fully thawed, clear of visible particulate, and at the expected volume. Discard if integrity is compromised.

04 Combine

Using aseptic technique, draw up and combine the exosomes with the stem cells. Mix gently by inversion or slow swirl—avoid vigorous mixing.

05 Administer

Cleanse the IV administration port and slowly introduce the combined product into the established line. Monitor the patient throughout and after infusion per protocol.

06 Document

Record product, lot number, volume, administration time, and patient response in the chart. Provide aftercare guidance before discharge.

~5 MINUTES THAW TIME, ROOM TEMPERATURE