

# Ecoflac® plus

## Practice suggestions: Drug preparation with needle and syringe

### 1 REMOVE SEALING FOIL



Remove one of the tamper-evident sealing foils on the Twincap® port. The surface below the foil is germ-free, it is not required to disinfect prior to use. Both ports are identical and can be used irrespectively for preparation or infusion.

### 2 INSERT NEEDLE



Insert the needle into the open port at a straight (90°) angle, without rotation. We recommend the use of 18G needles for adding drugs into the container. Only insert the needle into the port up to the needle shaft. Inserting the needle further may force open the port too wide and could make resealing more difficult.

### 3 INJECT DRUG



During drug preparation with syringe and needle, avoid any overpressure in the container, especially if a large volume of solution is to be added. A pressure balance is achieved by removing an amount of air directly after injection, which corresponds to the added drug volume. If the volume of medicine to be added is superior to the recommended additive volumes, an equivalent volume can be first removed from the container.

### 4 REMOVE NEEDLE



While removing the needle, a slight under-pressure can soak a drop out of the needle. This can be prevented by aspirating a small volume of air in the shaft of the needle before retracting it from the container. The port will reseal automatically after the needle is removed. Immediately after preparation, document drug and patient information and dispose of used products as per institution SOP.

### ADDITIVE VOLUMES

NOMINAL FILLING VOLUME	50 ml	100 ml	250 ml	500 ml	1,000 ml
Additive volume for non-vented application (closed system)*	max. 70 ml	max. 40 ml	max. 90 ml	max. 120 ml	max. 170 ml

\* During the infusion, Ecoflac® plus collapses completely in a closed system, without need for ventilation of the container.



For more information about Ecoflac® plus and risk prevention in infusion therapy, please visit:

[www.safeinfusiontherapy.com](http://www.safeinfusiontherapy.com)