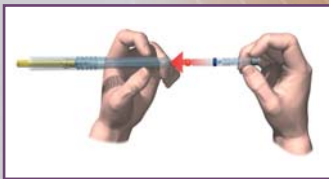


SOFIconcept



1 Tear Back paper seal and remove the sterile SOFICONCEPT XL unit from the blister pack and gripping the barrel firmly, fully insert the anaesthetic cartridge into the open end of the syringe.



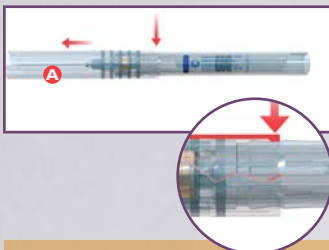
2 Grip the SOFICONCEPT XL plunger handle, push the finger holder to the end till it stops and covers the silicone washer. Support the finger holder from behind with your thumb, then 'pushing forward' ROLL the 'bull-nose' of the handle in behind the cartridge. Be sure to see the base of the unit is fully attached to the handle.



3 Now slide the sheath protecting the needle backwards towards the handle until it CLICKS on to the handle. Make sure there is no gap between the transparent sheath and the black handle. (The click is made as the sheath hits the handle and LOCKS the unit together.)

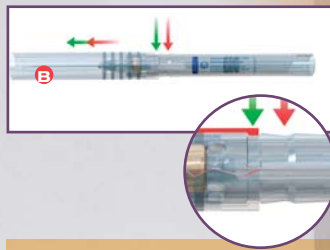
How does the instrument lock on to the handle ? Inside at the end of the cartridge barrel there are lips which when the protective sheath is 'clicked' into place are crimped behind the bull-nose of the handle in the gutter provided.

NOTE: Failure to retract the sheath fully until you hear the CLICK, locking the instrument securely may result in the system disassembling during use – leave no gap between the transparent sheath and the black handle.



5 When using only one cartridge.
NOTE: During multiple injection procedures using one cartridge the practitioner may safely retain the syringe for further use by move-ment of the sheath towards the needle until it reaches the holding position (A).

Should you need to insert a second cartridge follow from step 7 onwards.



To complete the procedure, now slide the protective sheath towards the locking position (B) until it clicks (which is the second notch at the end of the barrel). This has now locked the needle safely in the protective sheath.



6 Now that you have finished with the SOFICONCEPT XL and have locked it in the (B) position you will need to separate the plunger handle.

Hold the barrel with one hand and using the other hand place a finger in the ring of the plunger handle and pull backwards until the plunger is fully retracted. Now that you have fully

retracted the plunger, peel off the handle in one movement. Once the handle is separated from the syringe, you need to remove the empty cartridge to dispose in your glass box – see steps 7-8. Now that the handle has been removed the unit can be disposed of safely needle down into your sharps box and the handle autoclaved.

HOW TO USE



4 All movements now are away from the needle. Remove the needle cap and discard. The system is now ready to use.

PASSIVE ASPIRATION:
At the base of the SOFICONCEPT XL cartridge barrel you will see there is a small protuberance. It appears as a blob of glue

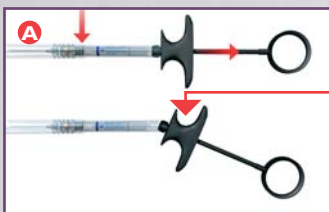


holding the centred needle, the needle-end that penetrates the diaphragm of the cartridge when inserted. At the start of the injection the diaphragm is pressed against the protuberance, a depression occurs and when released (injection stopped) the cartridge moves back away from the protuberance.



Aspiration occurs.
ACTIVE ASPIRATION:
Obtained by the silicone tip of the plunger creating a vacuum when, thumb in ring, the practitioner pulls back. The bung follows the plunger tip providing active aspiration, best observed when a minimum of 0.25ml

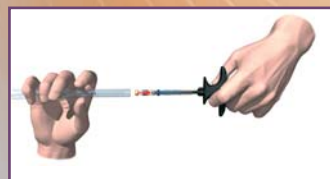
to 0.35ml of solution (providing space) has been expelled or used from the cartridge.



7 Inserting a second cartridge.
NOTE: During procedures that require more than one cartridge, retract the protective sheath to the holding position (A) (Fig 5) as a needle stick prevention device.

Now you have finished with the first cartridge and wish to reload with a second cartridge. Take hold of the SOFICONCEPT XL handle and with the other hand grip the protective sheath and slide it towards the holding position (A).

NOTE: Should the system be inadvertently fully locked into position (B), no attempt whatsoever should be made to unlock it, use a new SOFICONCEPT XL unit. Hold the SOFICONCEPT XL barrel with one hand and using the other hand place a finger in the ring of the plunger handle and pull backwards until the plunger is fully retracted. Now that you have fully retracted the plunger, peel off the handle in one movement.



8 You are now ready to take out the empty cartridge. Take hold of the plunger handle and pull the finger grip handle back towards the ring exposing the silicone tip. Now insert the tip of the plunger into the empty cartridge which is inside the SOFICONCEPT XL barrel. Pull out the cartridge attached to

the plunger by the silicone tip, remove cartridge from the plunger and dispose of safely in the glass box.

You are now ready to insert a fresh new cartridge and proceed as from step 1.