



# Clinical Practice Procedures: Drug administration/ Priming of a Space Infusomat® SafeSet Line

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<b>Date</b>	January, 2020
<b>Purpose</b>	To ensure a consistent procedural approach to priming of a Space Infusomat® Safeset Line.
<b>Scope</b>	Applies to Queensland Ambulance Service (QAS) clinical staff.
<b>Health care setting</b>	Pre-hospital assessment and treatment.
<b>Population</b>	Applies to all ages unless stated otherwise.
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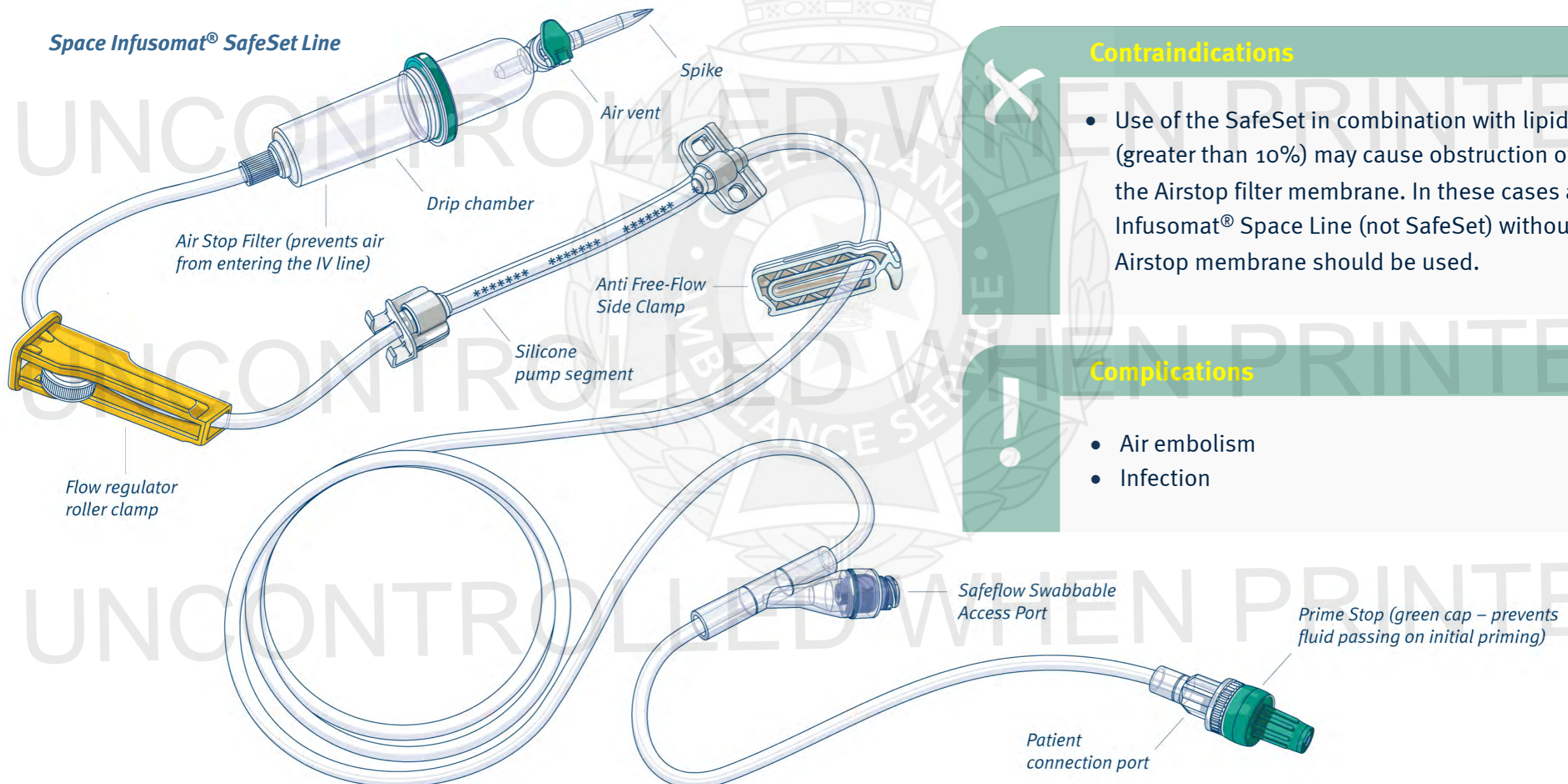
# Priming of a Space Infusomat® SafeSet Line

January, 2020

Intravenous therapy is the administration of fluid, electrolytes and medications directly into the patient's circulatory system through a vein, facilitated by the use of infusion devices.

The Space Infusomat® SafeSet Line is to be used for the administration of fluids through the B.Braun Infusomat® Space infusion pump for aeromedical cases involving a retrieval doctor.

## Space Infusomat® SafeSet Line



## Indications



- To prepare a Space Infusomat® SafeSet Line prior to the administration of fluids through the Infusomat® Space infusion pump.

## Contraindications



- Use of the SafeSet in combination with lipids (greater than 10%) may cause obstruction of the Airstop filter membrane. In these cases an Infusomat® Space Line (not SafeSet) without Airstop membrane should be used.

## Complications



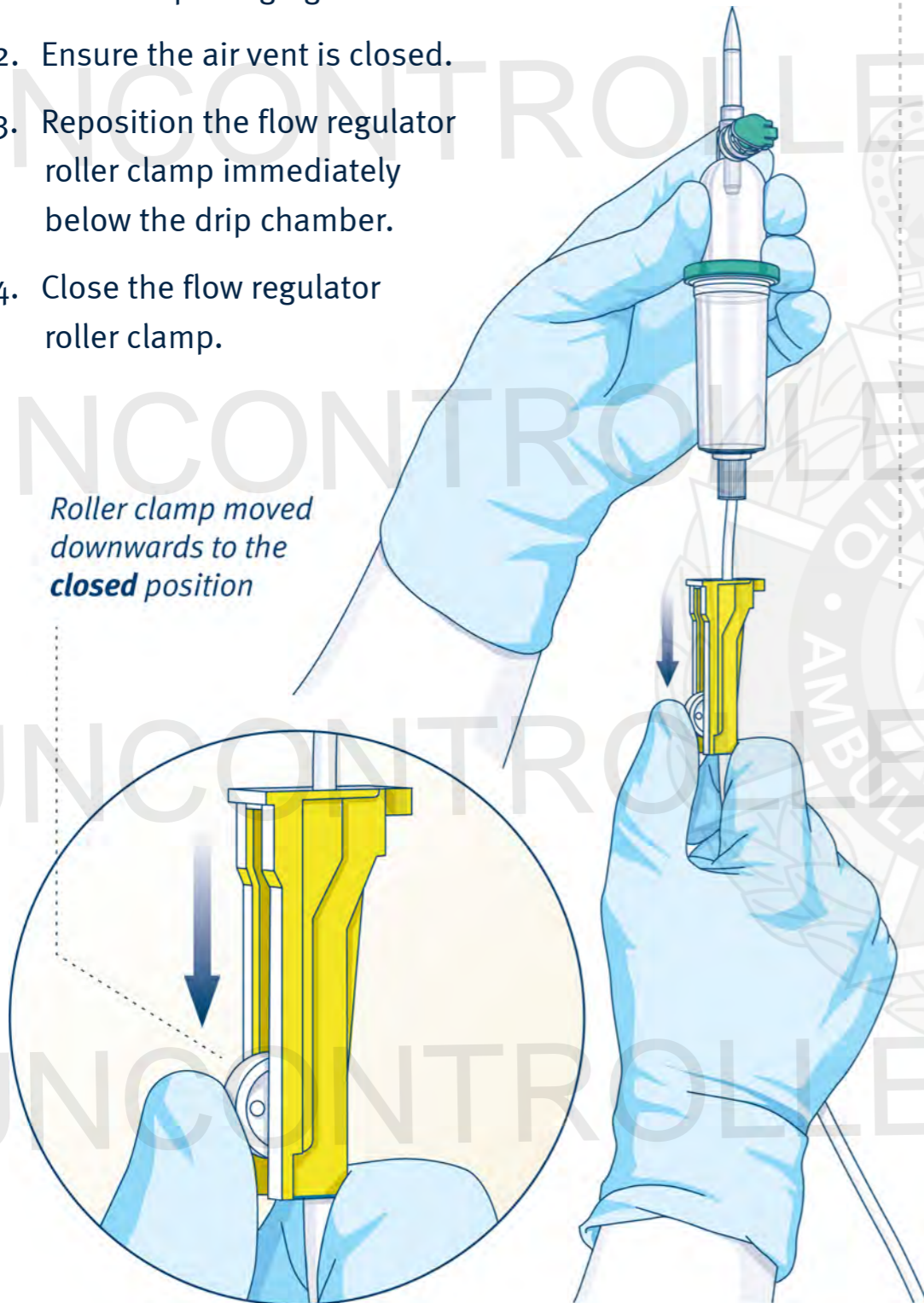
- Air embolism
- Infection



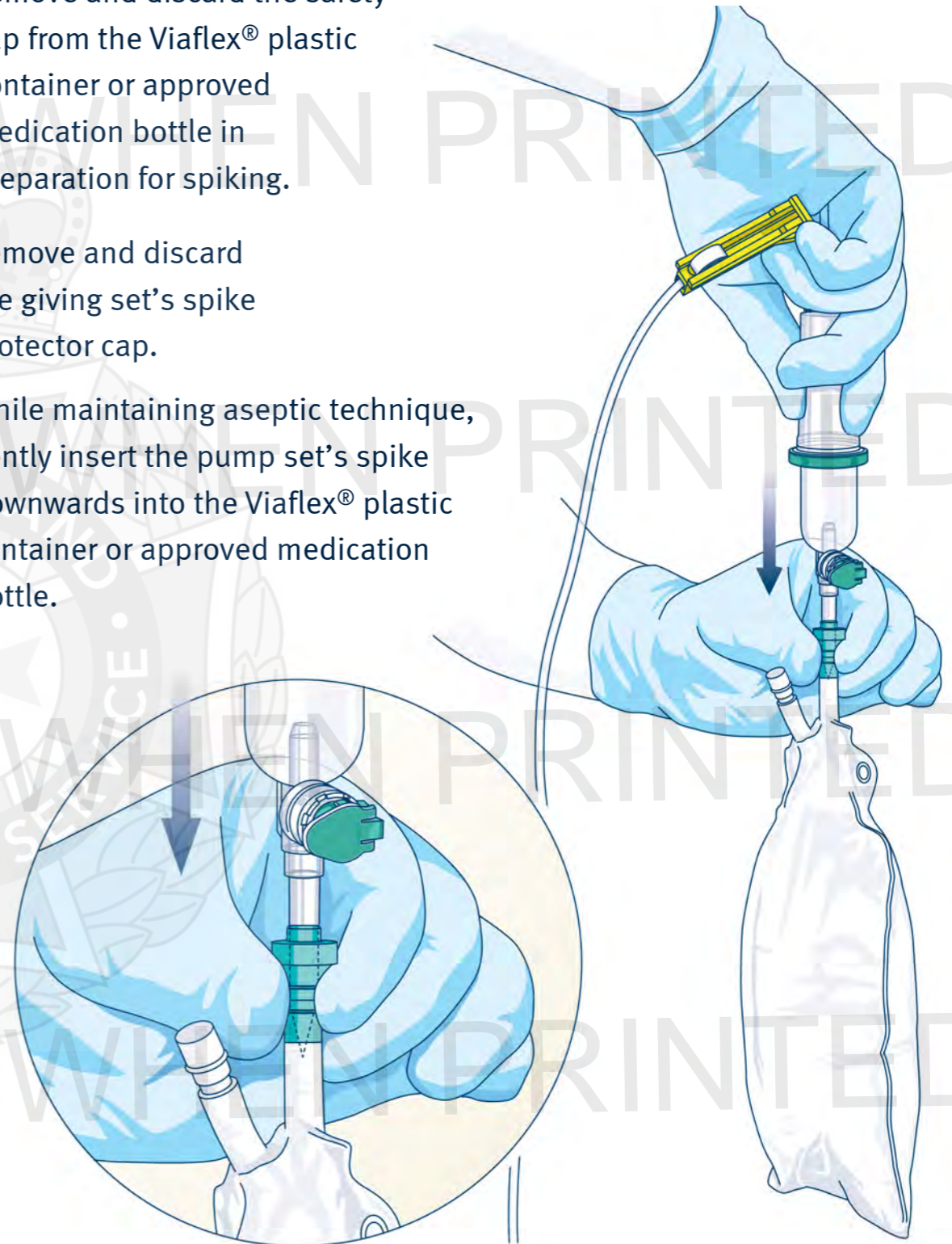
## Procedure – Priming of a Space Infusomat® SafeSet Line

1. Remove the Space Infusomat® SafeSet Line from the packaging.
2. Ensure the air vent is closed.
3. Reposition the flow regulator roller clamp immediately below the drip chamber.
4. Close the flow regulator roller clamp.

*Roller clamp moved downwards to the closed position*



5. Remove and discard the safety cap from the Viaflex® plastic container or approved medication bottle in preparation for spiking.
6. Remove and discard the giving set's spike protector cap.
7. While maintaining aseptic technique, gently insert the pump set's spike downwards into the Viaflex® plastic container or approved medication bottle.





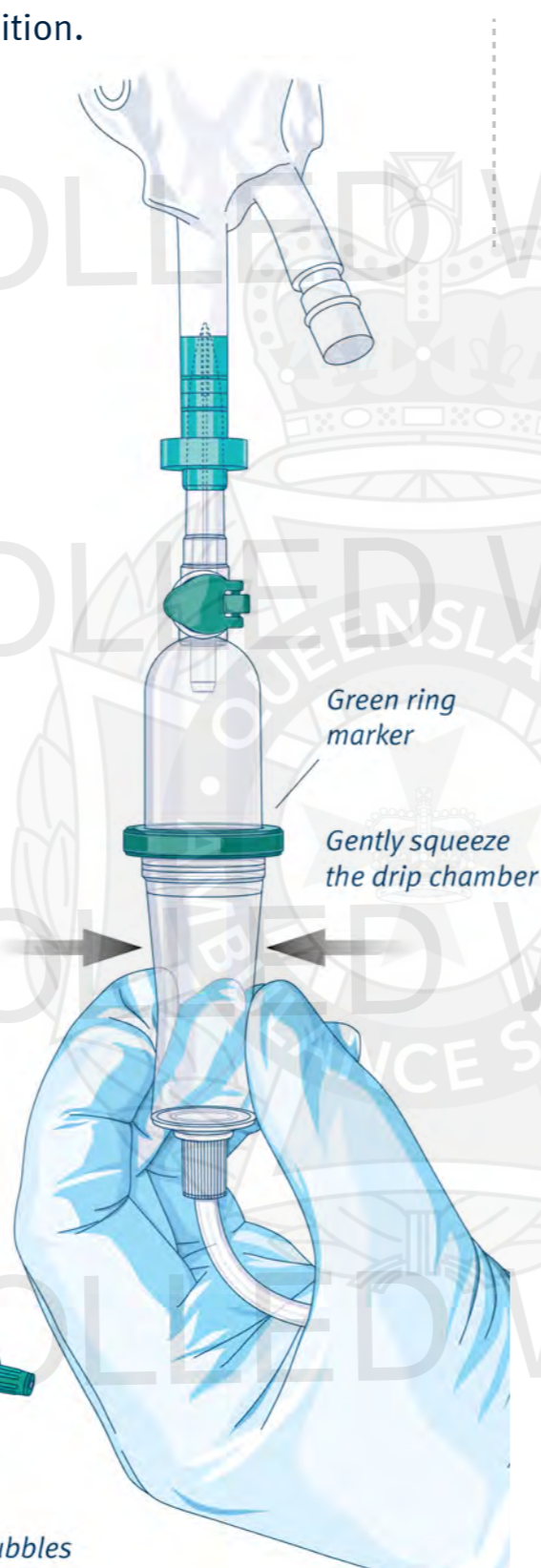
## Procedure – Priming of a Space Infusomat® SafeSet Line

8. Hang or hold the container in an upright position.

9. Gently squeeze and release the drip chamber until it is filled to the level of the green ring marker.

10. Open the roller clamp and slowly prime the tubing until fluid reaches the green Prime Stop cap. Inverting the silicon pumping section while priming slowly may assist preventing air bubbles.

11. Inspect the valve to ensure no air bubbles are visible. If air bubbles are visible, briskly tap the valve until all air bubbles are dislodged and have been released from the tubing. If fluid has reached the green Prime Stop cap, the cap will need to be removed to recommence flow.



12. Close the roller clamp.

13. Remove the Prime Stop cap and connect the patient connection port to the patient's cannula or primed Alaris™ 2-way extension set.

14. Administer fluids as required.

### + Additional information

- When administering fluids from a non-collapsible container (e.g. sodium bicarbonate or hydroxocobalamin) the air vent may be opened AFTER priming the drip chamber to assist with flow. If additional non-collapsible containers are required for administration, the air vent must be closed during the spiking process.
- Prior to the spiking of additional fluid containers, officers must ensure that the flow regulator clamp is closed and the filter within the drip chamber is covered completely by fluid.
- **Please note**, air bubbles cannot pass from the IV tubing up the line into the drip chamber (due to Air Stop). Air bubbles must be removed down the line, via the patient connection port.
- **Unused/new bags of fluid only are to be primed. Under NO circumstances are partially full compressible fluid containers (e.g. sodium chloride 0.9%) to be 're-spiked'.**

*Briskly tap the valve of the access port to release air bubbles*