



2018

## Junior Cleaning/Disinfection Procedure

**Scope:** This document describes the cleaning procedure for Junior machines. Note that the cleaning procedure for Tafonius Full and Stripped machines is different.

It is recommended that Junior be cleaned at the end of each day and left to dry overnight with the cylinder open and the absorber pan removed. This procedure can also be used between patients if respiratory pathogens are suspected

### Procedure

#### Cleaning

- Undo the 3 retaining clamps holding the Soda Lime tray
- Push down on the metal foot plate under the Soda Lime tray to open the cylinder. Press until the leaf springs either side of the Soda Lime tray click into place under the hydraulic rams
- Remove the Soda Lime tray
- Remove the stoppers from the drainage tubes on the absorber pan
- Undo the screws from the valve block and remove the valve block, valves and orange O-rings. Clean all of these items with a suitable cleaner (e.g, F10) and dry them, ready for use.
- Remove the patient tubes and Y-piece from the valve block. Flush and then clean with a suitable cleaner and then hang to dry.
- Flush water/cleaner through the valve block down to the absorber pan and clean inside the cylinder with a brush.
- Unlock the main cylinder by either sliding across the small stainless steel latch located at the very top of the cylinder or by pulling the long black knob on the side of the machine.
- Then tilt/rotate the main cylinder until it clicks into place, just off the horizontal.
- The recommended cleaning method is to use a spray container filled with a suitable cleaning agent such as F10. Make sure that the spray is directed up into the piston to clean all of the inside walls and lower face of the piston.
- Return the cylinder to the upright position and lock in place.
- Leave the cylinder open and allow to drain and dry



## **Disinfection**

You can easily access all of the parts of Junior for cleaning to reduce the risk of cross-contamination.

- Turn Junior off in the normal way. This will take the piston all the way to the top. Remove the soda lime tray leaving the cylinder open.
- Dis-assemble the valve block and soak all the removable components in disinfectant solution.
- Get a garden sprayer or similar and fill it with disinfectant solution and use it to spray up into the cylinder all over the piston and cylinder walls. Remove the drainage bungs and soak them in disinfectant.
- Throw away the soda lime and wash the soda-lime tray with disinfectant solution.
- Flush the whole lower part of the drainage pan and the tubes from the valve block down to the drainage pan with disinfectant solution.
- Soak the 2" patient tubes and Y-piece in disinfectant solution.
- Discard any water trap and sampling line and replace with new (too difficult to clean reliably)
- Leave for required time (depending on your disinfectant solution) and then flush with clean water and then re-assemble.

A suitable cleaner/disinfectant is F10 (available direct from Meadows Animal Health, UK +44 (0)1509 265557 or through Vetronic Services)