

Creating a COVID-19 safe chest tube drainage system



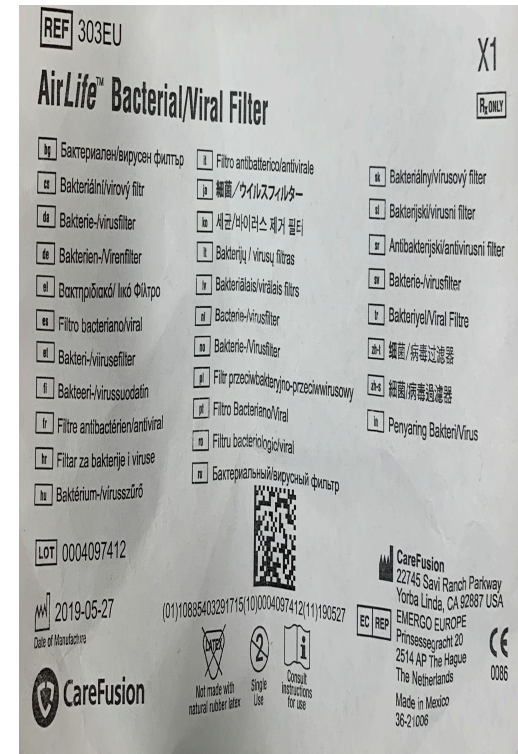
Centre Hospitalier de l'Université de Montréal
Division of Thoracic Surgery

CHUM Endoscopic Tracheo-bronchial and Oesophageal Center
(C.E.T.O.C.)



What will you need?

- Chest tube drainage system
- Covid-19 approved mechanical ventilator expiratory filter
- Endotracheal tube (preferentially 7.0)



Step 1

- Cut the atmospheric extension 1 cm proximal to plastic connector (Do not dispose of distal part will be needed for suction)



Step 2

- Remove the endotracheal tube connector and connect it to chest tube drainage system



Step 3

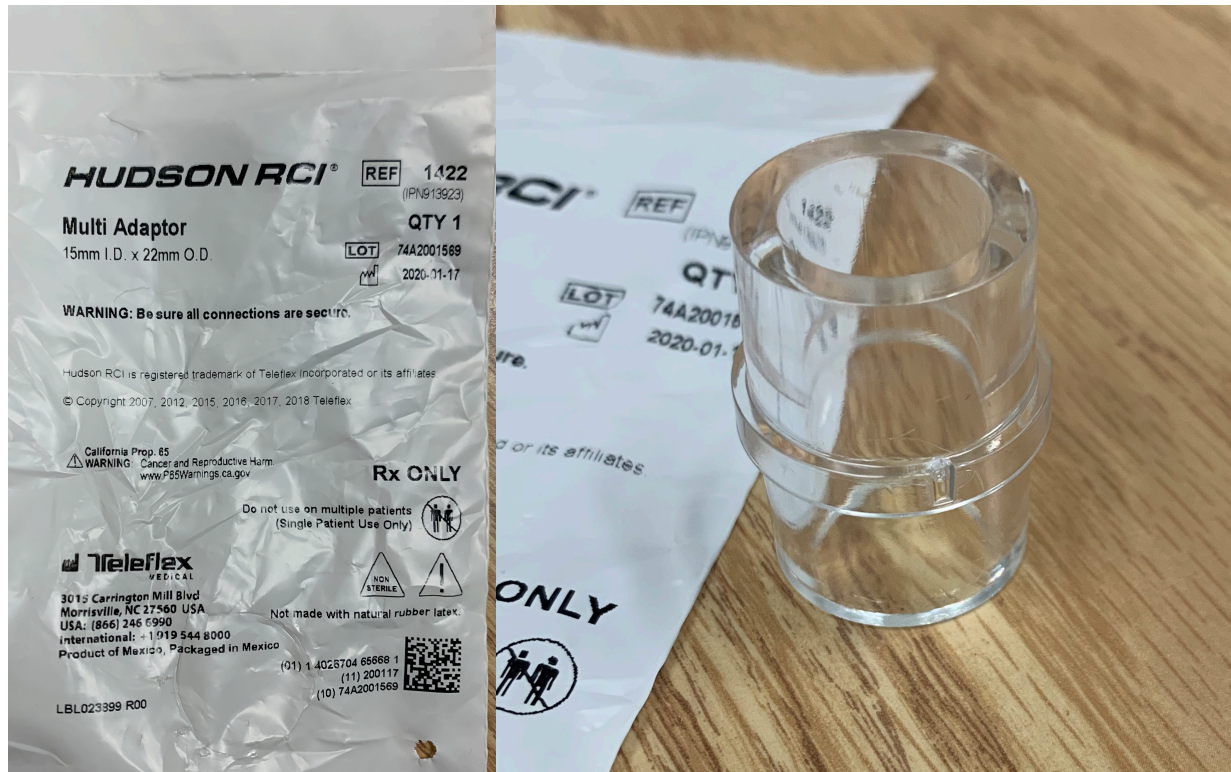
- Connect the filter to the chest tube drainage system



Connecting suction to the chest
tube drainage system

What will you need?

- Hudson RCI Multi-adapter 15 X 22 mm
- Previously cut distal connector (do not remove cut tubing)



Do not
remove

Step 1

- Attach Hudson RCI connector to the filter



Step 2

- Wedge the connector into the filter. Make sure you have a tight fit



Step 3

- Connect the suction.



Step 4

- Tape the connections to avoid accidental disconnections.