Quick Reference Guide for CPAP Hood use with the FD140

Equipment Needed

1. **StarMed hood labelled NIV (NOT CPAP)**

   Select helmet – measure around neck and these are the sizes below

   - X Small 17-27cm
   - Small 27-34cm
   - Medium 34-41cm
   - Large 41-47 cm
   - X Large 47-52cm
   - XXX Large 52-60cm

2. **1 X yellow clear guard filter**
3. **Armstrong CPAP system, HOOD** – contains 5cmH2O PEEP valve, bacterial/viral fliter, pressure line.
4. **Intersurgical connector 22F-22F**
5. **10cmH20 PEEP valve** – consider early escalation of PEEP level

FD 140 Settings

- Turn on FD140
- Select Helmet (screen will turn green)
- Select flow 60L (reduced to 40l/min after hood placed on patient)
- Select oxygen requirement (FiO2)

Flow- MINIMUM FLOW 40L

PEEP 2.5,5,7.5,10

Oxygen 21%-100%

Exclusion criteria

Unstable C-Spine, No bone flap, or Floating bone flap, base of skull fracture

1. Collar with pressure tubing

2. Place filter here

3&4. Connect circuit, and check anti-asphyxiation valve

Application of Hood

1. Select collar out of the box, attach clear pressure tube through green port on collar.
2. Select hood and attach PEEP valve, connector and yellow clear guard filter to right side of hood
3. Connect tubing from FD140 to left side of hood
4. Check jam jar lid on hood pull blue tab to ensure movement (anti-asphyxiation valve), take off and replace
5. Place ear plugs in patient's ears
6. Use 2 members of staff to place collar over patients head
7. Press start on FD140 and place hood over patients head and click into place
8. Attach arm straps under the arm pits and tighten
9. Use port to inflate neck support with black pump (does not affect seal purely to support neck)
10. Titrate flow to achieve desired PEEP and consider rapid escalation to 10cmH20 PEEP

5&6. Ear plugs and collar

7. Press start and place hood over head

9&10. Inflate neck support for comfort and titrate flow to achieve PEEP

Hood access opened

8. Attach arm straps and tighten

Jam Jar lid can be taken off to give medication, drinks and nutrition whilst still delivering high flow oxygen.

Removing jar jam lid is an **AEROSAL generating procedure**.