

# Troubleshooting

These instructions are all designed to address a catastrophic situation. If forced to use the SHFNO protocol please take extra precautions. We recommend keeping a reservoir mask by the patient's side at any time when there is ongoing SHFNO.

If a patient were to suddenly deteriorate during ongoing SHFNO, the following checklist needs to be completed in addition to regular protocol. **The checklist should also be completed by the treating nurse at the beginning of every shift.**

## Checklist

For both sides of the setup:

### 1. Check Nasal Cannula

Is the nasal cannula correctly situated in the nares? N.B. The Airvo system's built-in warning for obstructed flow does not work during SHFNO.

Ensure that there's no build-up of condensation within the tube leading up to the nasal cannula.

### 2. Check all connections

Start proximally and work your way distally. Ensure that all connections are securely fitted. If any connection seems loose, try changing adapter or T-connector.

### 3. Check CPAP / BiPAP tube

Ensure that there are no sharp angles to the tube, restricting flow.

Ensure that there is no build up of condensation within the tube.

### 4. Check AirSpiral tube

Ensure that there are no sharp angles to the tube, restricting flow.

Ensure that there is no build-up of condensation within the tube.

### 5. Check collection bottles

Ensure that the bottle is securely connected, and that it is not completely filled with fluid.