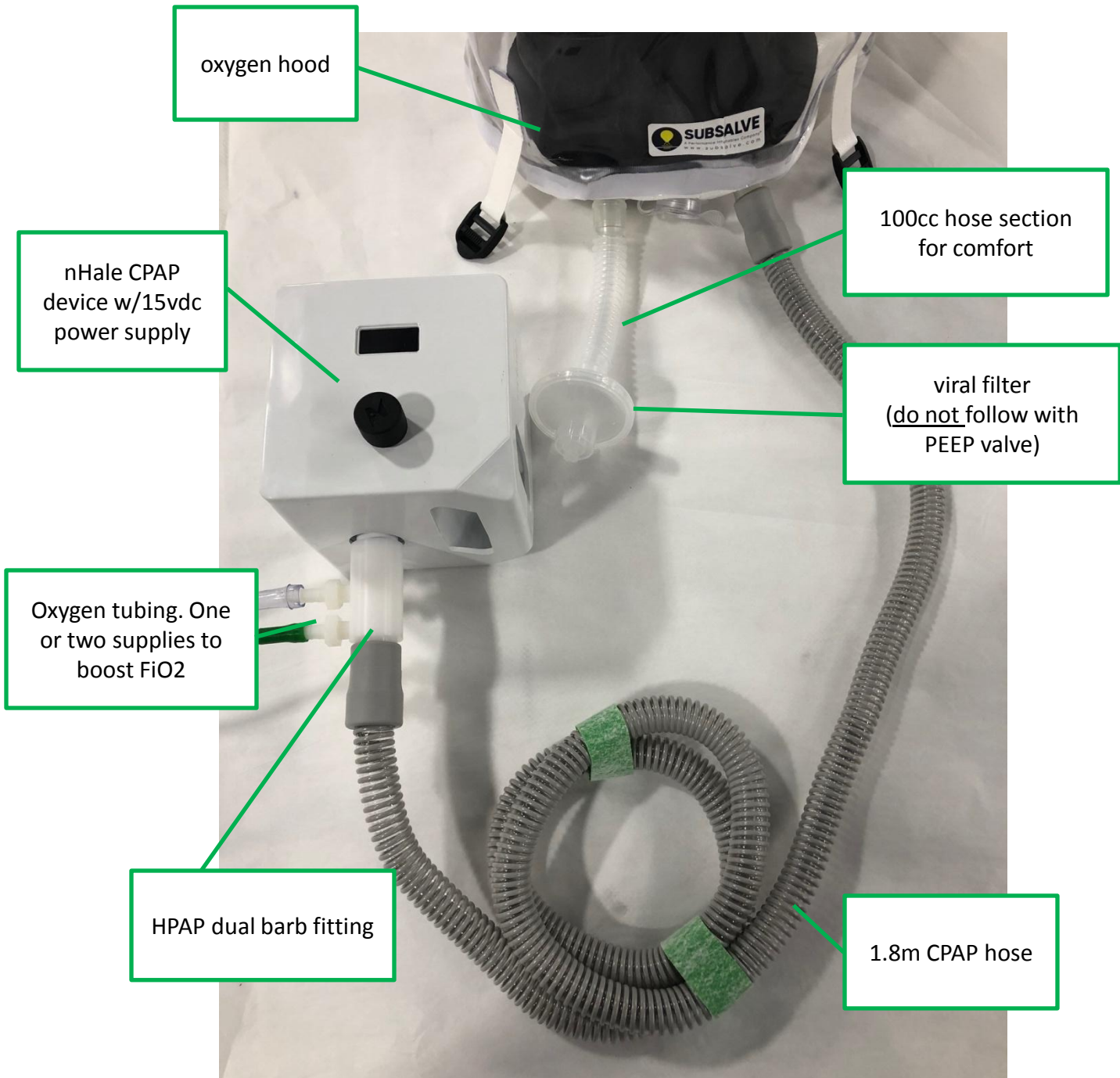


# Hood+CPAP Configuration Guide for nHale

The below circuit allows delivery of positive pressure with elevated FiO<sub>2</sub> using the nHale CPAP device.



## Important Safety Note:

DO NOT use this circuit setup or guidance for other makes/models of CPAP devices. Configuration may vary. Contact us for assistance.

# Hood+CPAP Configuration Guide for nHale

## Instructional Guidance

### Configuration

- Read IFU documents for both the Subsalve Oxygen Treatment Hood and Nanotronics Health nHale (**15vdc power supply**).
- Set-up complete circuit as pictured, including 1 or 2 oxygen flow sources (user provided). DO NOT DEVIATE SETUP.
- If only one oxygen flow source is used and a barb is left unused on the titration valve, cap off the unused barb.

### Flow & Pressure

- Reference below chart for the 4 step operation sequence.
- Set nHale to operate in 'CPAP mode' and preset desired pressure setting (device PEEP). Default is 8 cm H2O.

### Oxygen/FiO2

- Adjust FiO2 as desired by increasing or decreasing oxygen flow from your flowmeter.
- Two oxygen sources may be used (one to each barb on the dual barb fitting) to elevate FiO2.

### Monitor

- Continuously monitor patient vitals and oxygen saturation.
- Periodically verify system flow is >60LPM after the viral filter using digital Peak Flow Meter.
- Change out viral filter as needed. Three are provided to afford two replacements during treatment.

### Treatment

- Implement treatment and continue to monitor patient according to clinical best practices.

Hood+CPAP Technique using nHale (CPAP mode)						
	treatment PEEP (+/- 1 cm H2O)					
	3	5	7	8	9	11
device PEEP setting	4	6	8	10	12	14
O2 flow rate (LPM)	FiO2					
0	21	21	21	21	21	21
0.5	21	22	22	22	22	22
1	22	22	22	22	22	22
2	23	23	23	23	23	23
4	26	24	25	24	24	24
6	29	26	26	26	25	25
8	31	29	28	27	27	26
10	34	31	30	28	28	27
12	38	34	31	30	29	28
15	41	38	34	32	32	30
20	49	44	38	36	36	33
25	61	55	46	43	41	39
30	71	59	53	48	45	43
40		70	63	56	52	50

Step 1: choose patient PEEP

Step 2: set CPAP device PEEP

Step 3: choose desired FiO2

Step 4: set corresponding O2 flow rate

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nHale in CPAP mode with 110vac to 15vdc power adapter table developed analytically with specific circuit configuration deviation from the tested circuit configuration may yield unverified results FiO2 measured using Maxtec O2 sensor, error +/- 0.6 bar all values were verified at >60LPM flow

**Important Safety Note: DO NOT** use this chart or guidance for other makes/models of CPAP. Only applies to nHale w/15vdc supply.