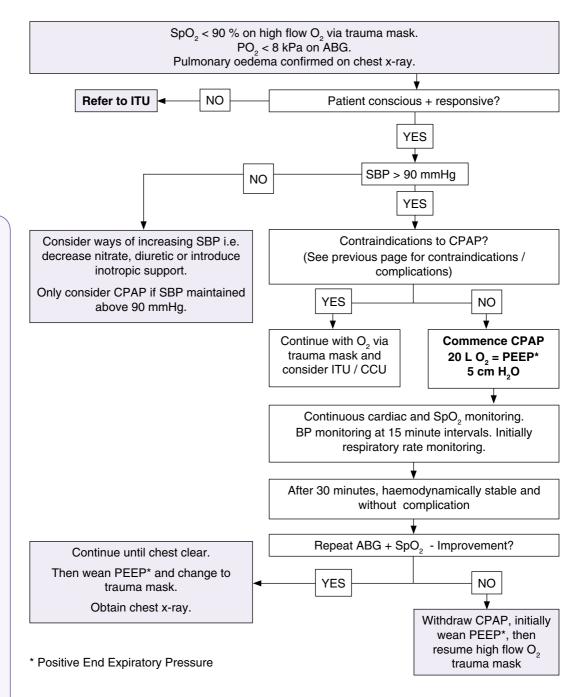


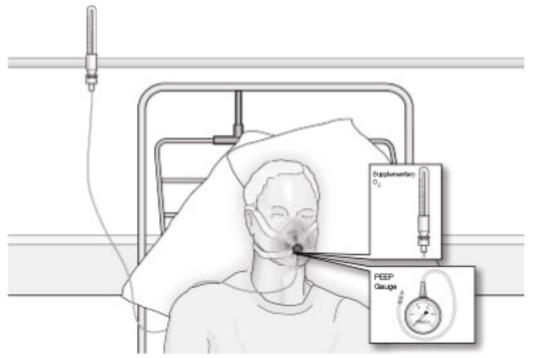
CPAP algorithm



Boussignac Vygon CPAP Instructions For Use

CPAP using 100% O₂

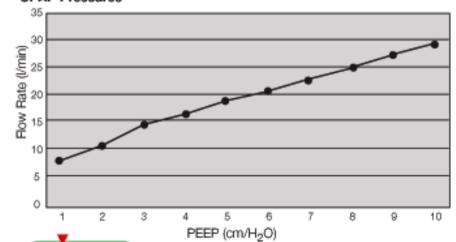
- Select the appropriate size of mask kit.
- Connect main line tubing to 30 L/min Oxygen flowmeter.
- Attach pressure gauge tubing to secondary port.
- With mask fitted to the patient adjust the Oxygen flow rate to obtain the desired PEEP level.
- Disconnect pressure gauge tubing and re-cap port.



CPAP using FiO₂ of < 100%

- Select the appropriate size of mask kit.
- Connect main line tubing to 30 L/min Air flowmeter.
- Attach pressure gauge tubing to secondary port.
- With mask fitted to the patient adjust the Air flow rate to obtain the desired PEEP level.
- Disconnect pressure gauge tubing and attach the supplementary
 Oxygen tubing, then attach to the 30 L/min Oxygen flowmeter.
- Consult the chart and set Oxygen flow to obtain the required FiO₂.

CPAP Pressures



Approximation of FiO₂ where PEEP is established by Air & Supplementary O₂ is provided

PEEP	Desired FIO ₂ Level (%)											
cm/H ₂ O	25	30	35	40	45	50	55	60	65	70	75	80
1	<1	<1	<1	1	1.5	2	2.5	3	3.5	4	4.5	5
2	<1	<1	1	2	3	3.5	4	4.3	4.7	5	5.5	6
3	<1	<1	1	2	3	4	5	5.5	6	6.5	7	7.5
4	<1	<1	1	2	3	4	5	6	7	8	9	10
5	<1	<1	1	3	5	6	7	8	9	10	11	12
6	<1	1	2	4	6	7	8	9	10	11	12	13
7	<1	1	2	5	6	7	9	10	11	12	13	15
8	1	2	3	5	7	9	10	12	14	15	16	17
9	1	2	4	6	8	10	12	13	15	17	18	19
10	1	2	4	5	7	10	13	14	15	18	19	20

Example: With PEEP at 5cm/H₂O and a desired FiO₂ of 40% additional O₂ required is 3 l/min Measured using an Ohmeda (5120) Oxygen Monitor and an Intersurgical (1850) HME to mix the gases.