

# Simple and easy CPAP-treatment

**Pulmonary edema** patients come to first aid more and more rarely. Due to this CPAP-treatment is not a routine action for paramedics. To make things easier for paramedics, disposable CPAP-systems need to be available on the market. Systole tested the FlowSafe II CPAP-system.

First the testers noticed the simplicity of the system. The entire set fits into a small space. You don't have to look for separate valves or straps

at the bottom of the backpack. Introduction is very fast. Open the package, set the mask on the face and the flow rate to ten liters per minute. A quick look on the indicator and you see the real PEEP-level. Treatment has begun. No wonder that the European Respiration Society chose this product in the finals of the Innovation competition in 2013. More information is available from the importer *Steripolar*.



The oxygen tube is attached directly to the oxygen cylinder flow controller. A sticker on the tube shows the needed flow for the desired PEEP. You can also attach a Y-connector so you can use compressed air in the system. Next to the meter is a safety vent which goes off if the PEEP level becomes too high.



The mask is set like a cap on the patient. The patient can breathe and speak well with the mask on. The "cap" is also comfortable to wear. You do not feel any pressure.



The mask should be adjusted tight with the straps. At the outset of the treatment there may be oxygen leaks but by adjusting the straps you get rid of these. The suitable mask size depends on the form of the face and not the size or age of the patient. For a 100 kg man an M-size mask is likely the best.



An indicator on the mask shows the PEEP – level. You can attach a capnometer, nebulizer or filter to the mask. The meter is accurate. The respiratory phases of the patient can be seen as the PEEP-level changes. The mask is also available with a fixed nebulizer.



Observation is easy. The system is so simple that you cannot make any mistakes. The patient can verbally indicate if he/she has problems. Compared to other systems with a separate flowgenerator the disposable CPAP is also very quiet.

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