

# Use an oxygen generator or a better oxygen respirator

Should use oxygen generator or oxygen breathing apparatus for patients suffering from respiratory diseases such as sinusitis, heart failure, lung failure?

For patients who are experiencing respiratory problems such as heart failure and lung failure; People who have just operated or are able to improve their ability to use the necessary medical equipment is an effective solution to improve breathing and maintain the lives of patients.

Usually, hospitals and health facilities can choose **oxygen generators** or **oxygen tanks** as specialized breathing apparatus. However, if you are confused in the process of choosing one of the two devices to use, still vague about the benefits and limitations that they can bring in the medical environment, the following article of TipsMake.com will help you answer these questions.

## Should choose oxygen generator or oxygen breathing machine?

1. 1. What is an oxygen breathing device?
2. 2. What is an oxygen generator?
3. 3. Advantages and disadvantages of oxygen breathing
4. 4. Advantages and disadvantages of oxygen generators
5. 5. Should oxygen generators be used or oxygen cylinders?

First, let's learn about the concept of oxygen breathing and oxygen generators:

### 1. What is an oxygen breathing device?

**Oxygen cylinder** (also known as **oxygen cylinder** ) is an artificial oxygen tank with a certain capacity. Users breathe oxygen in a bottle using a nasal catheter, oxygen mask or through other breathing aids.



## 2. What is an oxygen generator?

**An oxygen generator** (or **oxygen ventilator** ) is a medical device that takes air directly from its surroundings. Through existing filtration system, oxygen generator can remove harmful substances, bring pure oxygen source with concentration of 90% or more for users.

Picture 2 of Use an oxygen generator or a better oxygen respirator

To help you have more ground in choosing the right breathing apparatus, TipsMake.com would like to summarize the advantages and disadvantages of oxygen tanks and oxygen generators.

### **3. Advantages and disadvantages of oxygen breathing**

#### **Advantages**

The most outstanding advantage of oxygen cylinders is the price: The cost of buying a breathing apparatus is cheaper than oxygen generator. Specifically, the types of medical oxygen cylinders with the capacity of 5 liters, 8 liters and 40 liters on the market are priced at about VND 500,000, VND 800,000 and VND 2,000,000 each.



In addition, having many different capacities also helps hospitals and health facilities easily choose oxygen tanks to suit the needs and financial capacity of the patient.

#### **Defect**

Oxygen breathing apparatus has the biggest disadvantage is bulky. Medical bottles usually have weight up to 50kg / bottle (from 6.8kg with 5 liter oxygen tank to 60kg for 40 liter oxygen tank). Patients who use oxygen to support breathing will have a lot of difficulties in the process of walking and moving.

In addition, the limited capacity of oxygen cylinders also affects the budget and costs of hospitals and health facilities in the long term.

## **4. Advantages and disadvantages of oxygen generators**

### **Advantages**

The oxygen generator has the advantage of being light weight (the weight of each machine is about 7 - 8kg), with convenient handles and 4-wheel vehicles. This helps patients easily move and move along with the machine without encountering any obstacle.



In addition to the main function of breathing support, oxygen generators also have many other outstanding and outstanding features such as: Negative ion supply, moisture balance, low pressure warning, air compressor compression. .

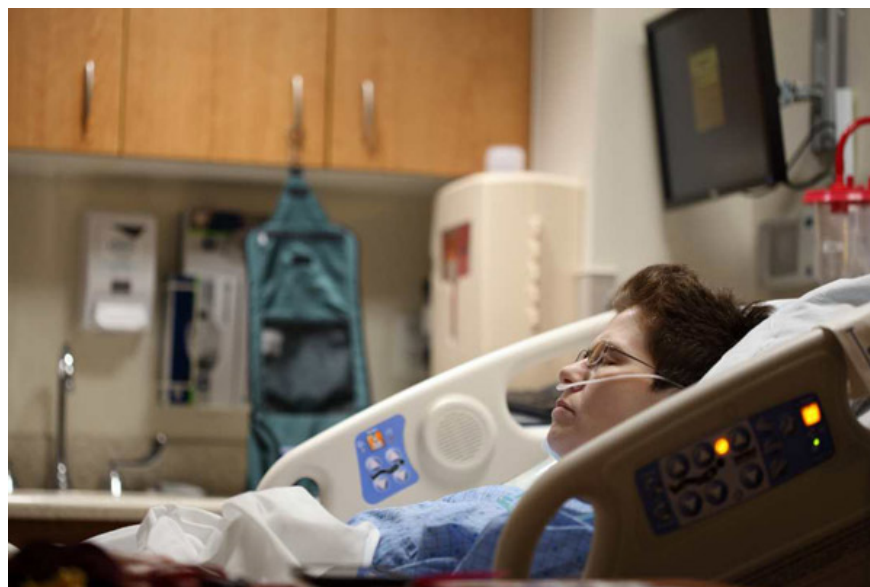
### **Defect**

High cost is the biggest drawback of oxygen generators. However, because this device uses natural oxygen from the external environment, the device will not be limited in volume used as the medical ventilator. In the long run, the cost of using an oxygen respirator will be higher than the cost of using an oxygen generator.

## **5. Should oxygen generators be used or oxygen cylinders?**

You can find the answer to the question: "Should oxygen generators be used?" through the following synthesis of TipsMake.com:

1. **Oxygen extinguisher** : Low initial investment costs, with many different bottle capacities, suitable to the needs and financial capacity of the user. However, using bottles is quite inconvenient for bulky and heavy weight, the cost of using the bottle in the long run is expensive.
2. **Oxygen Generators**: Lightweight machines, with handles and 4-wheel vehicles, helping users to easily move with the machine. Oxygen generators also have many modern features that breathing aids do not have. However, the large initial cost is a barrier for users when buying the machine.



Hopefully the above share has helped you to have a thorough explanation for the question: "Should use an oxygen generator or oxygen bottle?". You can refer to a few options for oxygen generators to suit your needs through the following suggestions of TipsMake.com

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