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### Versions available and accessories

**Product description** | **code** | **pieces per box**
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Percutaneous Set CH 9 | 10800 | 5
Percutaneous Set CH 12 | 10801 | 5
Percutaneous Set with extension line CH 9 | 10802 | 5
Percutaneous Set with extension line CH 12 | 10803 | 5

| **Product description** | **code** | **pieces per box**
---|---|---
Stylet CH 9 for code 10800/10802 | 10809 | 10
Stylet CH 12 for code 10801/10803 | 10811 | 10
Silicon bulb for air leakage monitoring | 10808 | 10
Drainage bag | 12019 | 25

**Percutaneous Set**

- **code 10800 (CH 9)**
- **code 10801 (CH 12)**

- Drainage adapter
- Percutaneous catheter (CH 9 - CH 12)
- Scalpel
- Verres needle
- 2000 ml bag
- 10 ml syringe
- 60 ml syringe

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Percutaneous Set w/extension line
code 10802 (CH 9) code 10803 (CH 12)

ADVANTAGES & BENEFITS

EASY and extremely SAFE to use thanks to the protection assured by the cannula needle with retractable tip and the INTEGRATED NON-RETURN VALVE.

UNIQUE system that allows REMOTE-CONTROLLED drainage thanks to the extension line specifically developed for greater patient COMFORT.

PRACTICAL and SIMPLE: designed to respond to the manifold pleural drainage requirements in the surgical field, critical area and emergency.

MULTIFUNCTIONAL because it covers all possible applications and allows repositioning the drainage catheter without having to remove it.

EXTENSION LINE that allows optimal post-surgery patient management, even lying down, improving patient comfort and reducing the work of the hospital staff.

Possibility of providing information on patient air leakage in the case of major pneumothorax.
Open the sterile package and insert the protected needle in the percutaneous drainage device.
How to use the Percutaneous Set

Insert the needle in the cavity of the patient. The bevelled tip of the Verres needle retracts during insertion as shown by the “green” indicator. The scalpel can be used to facilitate inserting the needle in the skin.

Repositioning and unclogging with the Percutaneous Set

It may be necessary to reposition the drainage catheter in the cavity of the patient. This can be done using a stylet available as accessory.

The operation is performed without removing the drainage catheter. The stylet can also be used to unclog the internal lumen of the catheter.
**STEP 3**

**How to use the Percutaneous Set**

As soon as the needle enters the pleural cavity, it will be protected by the internal stylet expanding to prevent damaging the patient’s lung. The “green” indicator appears again.

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**Monitoring air leakage**

Using the silicon reservoir (available as accessory) you can monitor air leakage from the patient.

The reservoir is activated by simple compression to reach a negative pressure of -20cmH₂O.

As well as monitoring air leakage, the liquids can be collected separately thanks to the multi-use reservoir and drainage bag.
The 10 ml syringe positioned in the set allows checking correct positioning of the percutaneous catheter.

The device can be connected to different collection systems. The illustration shows how you can perform drainage by gravity using the bag provided with the set.

Thanks to the remote control, optimal drainage for the patient and optimal management for the hospital staff is assured.

Using an adapter included in the set, you can connect to a thoracic drainage system.
After selecting the final position of the drainage device, remove the needle. This operation can safely be carried out thanks to an integrated double non-return valve in the body of the percutaneous drainage device.

Thanks to the integrated non-return valve, drainage and liquid collection can be performed using the syringe and the bag provided with the set. The patient is safe throughout all the operations without the risk of contact with the outside environment.
When to use the Percutaneous Set code 10802/03 with extension line

In case of prolonged use of the drainage device, you can attach the drainage catheter to an extension tube using a bayonet coupling. That way, you can remotely control drainage and ensure greater comfort for the patient.

The extension line allows better drainage control with evident advantages:

- The patient can be more comfortably positioned even lying down.
- Prevents the formation of haematomas and necrosis of the tissues, which may arise in postsurgery.
- Reduces the number of maneuvers required to control drainage with less work for the hospital staff.
- Multifunction device as it allows using any collection device.