



# Nordic Phantoms

**UpperGI Bleed Phantom**  
User manual

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# Disclaimer

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This product is intended for professional training and demonstration purposes only. It is not designed for clinical use on humans or animals. Nordic Phantoms ApS accepts no responsibility for injuries, damages, or malfunctions resulting from misuse, non-compliance with the manual, use of non-original parts, or unauthorized modifications.



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# SAFETY INFORMATION

PLEASE READ THE SAFETY INFORMATION BEFORE USING YOUR NORDIC PHANTOM PRODUCT

This appliance can be used by adults aged 18 years and above.

## GENERAL

- The phantom may only be used by adults aged 18 years and above.
- The phantom is not a toy. Keep out of reach of children and pets.
- Do not throw, sit, or stand on the phantom.
- Only use the approved power supply (12V) provided by Nordic Phantoms ApS. Do not use extension cords, power strips, or other adapters.
- Do not attempt to open, modify, or repair the phantom yourself. Contact the manufacturer.
- Do not use the phantom with a damaged cord or plug. Replace immediately if damaged.
- If liquids come into contact with the power supply or electronics, unplug immediately and contact the manufacturer.

- If you experience resistance with any device use lubricant. If the lubricant isn't working properly, and you still experience resistance, contact the manufacturer.
- Place phantom on a stable, flat surface when in use.
- Store phantom in its provided flightcase when not in use.
- Only use compatible medical equipment intended for the phantom.
- Nordic Phantom Simulated Blood must not be ingested. If ingested, seek medical attention immediately.
- Avoid contact with eyes. In case of contact, rinse immediately with water and seek medical advice.
- Use gloves and protective clothing to avoid stains and possible allergic reactions. If possible allergic reaction, seek medical attention immediately.
- Do not leave the phantom running unattended.

## RECYCLING

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Used inserts must be disposed of according to local recycling or laboratory waste regulations. The inserts are made of 100% silicone and the protective cap is plastic.

Some inserts are marked with a return indication. These inserts can be sent back to Nordic Phantoms ApS for recycling and reuse in the production of new inserts.

## PRODUCT INCLUDES

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In your flightcase, there is:

- UpperGI Bleed Phantom
- Power supply with adapter
- 1 x Ventricle insert
- 1 x Duodenum insert
- 1 x Esophagus insert
- Nordic Phantom Lubricant
- Nordic Phantom Simulated Blood, 500 ml

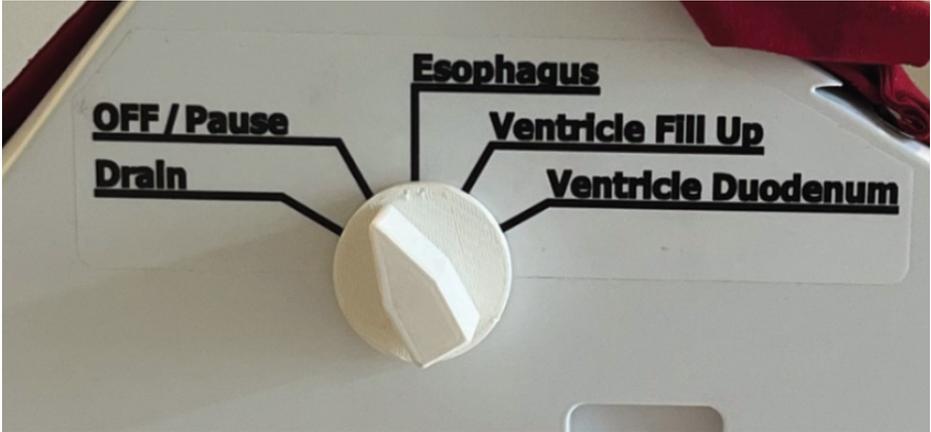
## USING PHANTOM

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- Place the phantom on an adjustable table and adjust the table's height to avoid physical strain.

- Insert the corresponding power cord into the phantom and electrical outlet.
- Turn the machine on, and a green light will indicate that the phantom is on.
- Connect the “output” tube into the phantom.
- Insert all 4 tubes into simulated blood.
- Use the rotary switch to load each bleeding location (Duodenum, Ventricle, Esophagus) one at a time.
- Switch to the next location only when the corresponding tube system is fully primed with simulated blood.
- The phantom is fully primed and ready for use when all three systems have been filled, and blood is visibly running from the drainage tube
- To simulate bleeding in the Duodenum, Ventricle, or Esophagus, turn the rotary switch to the desired setting.
- To pause or switch off, set the rotary switch to the OFF/Pause position.

- For full shutdown instructions, follow the steps described in **“Turning off the Phantom”**.



*The rotary switch.*

## **CHANGE THE INSERTS**

All inserts have a plastic protective cap labelled with its corresponding location.



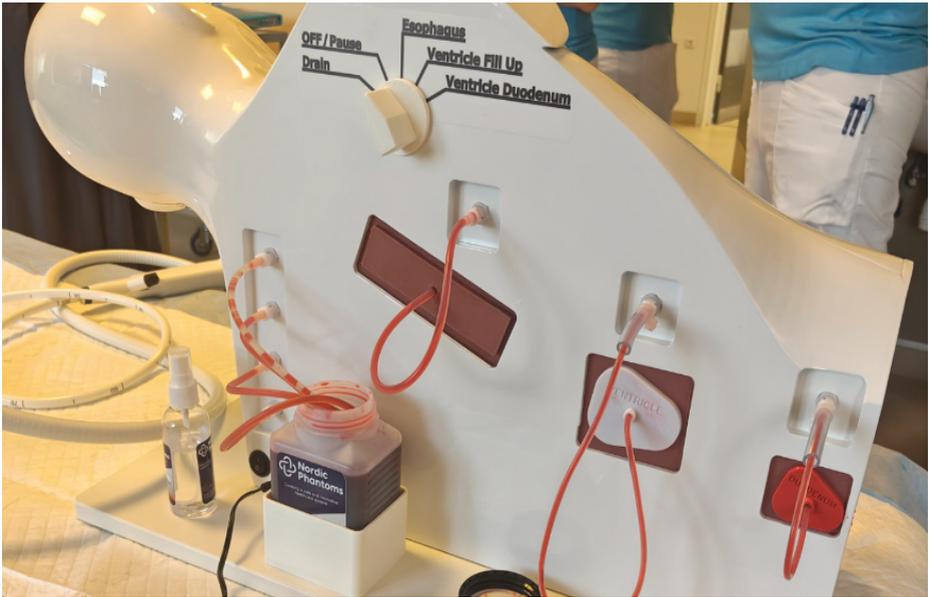
# BLEEDING INSERTS

- *with tube connection*

Each bleeding insert is supplied with a connector and a protective cap.

To replace:

- Twist to disconnect the insert and tube from the phantom.
- Discard the used insert (do not reuse single-use inserts).
- Connect and twist the new insert until you hear a click.
- Ensure correct attachment before use.
- Set the rotary switch to the corresponding bleeding location and flush the tube system of the new insert with simulated blood.



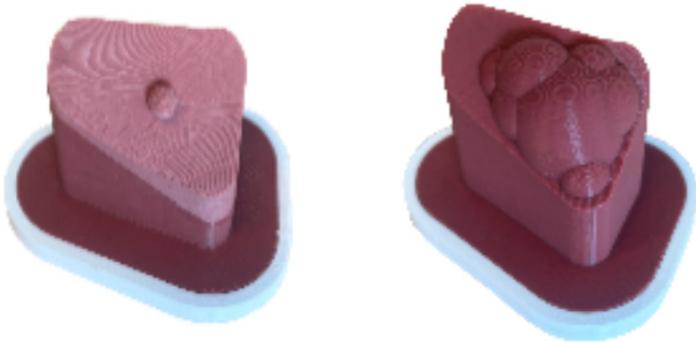
*Correct attachment of inserts*

Correct connection between the phantom and inserts.  
Twisted and clicked together.

# NON-BLEEDING INSERTS

- *without tube connection, e.g. polyp or injection modules*

These inserts do not have a tube connection.



Before use:

- Drain the phantom system completely of simulated blood:  
Lift the three input tubes out of the simulated blood.  
Set the rotary switch to "Drain."  
Wait until no more blood comes out of the drain tube.
- Place the protective cap on the blood container to avoid leakage.
- Insert the non-bleeding insert into the phantom.
- Ensure the insert is securely placed before continuing training.

# TURN OFF THE PHANTOM



When you have finished using the phantom, the tubes must be emptied.

Always wear **gloves and protective clothing** to prevent stains or damage to your skin and clothes.

1. Ensure that inserts with tube connectors are mounted in the Esophagus, Ventricle, and Duodenum.
2. Set the rotary switch to **OFF/Pause**.
3. Lift the three input tubes out of the simulated blood.
4. Set the rotary switch to **"Drain."**
5. Wait until no more blood flows from the drain tube (approx. 10 minutes).
6. Place the protective cap on the blood container.
7. Place all four tubes into distilled water and run the system through, following the same steps as when starting the phantom. This flushes the system and prevents bacterial growth or blockages.

8. Repeat the draining process (steps 1–5) until the system is completely clear.
9. **Important:** Only use distilled water. Tap water may cause calcium deposits and damage the tubes.
10. Set the rotary switch to **“Off.”**
11. Pack the phantom securely back into the flightcase for storage.

## CARE AND MAINTENANCE

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To ensure the longevity and durability of your phantom, it is important that you take good care of it.

- Wipe off the simulated blood and lubricant with a damp cloth where it is needed.
- The lubricant is only used for mouth opening and, on the inserts, NOT the outside of the phantom.



# UpperGI Bleed Phantom

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