

Urine blockage—what can healthcare professionals do?

- Remove physical obstructions
- Ensure that the urine meter and tube are below the level of the bladder
- Check that the Kombikon™ sample port is lying flat on the patient's leg
- Eliminate kinks or loops in the tube
- Keep the tube above the urine meter chamber
- To restart urine flow:
 - Raise and lower the tube from the midpoint several times
 - Squeeze the catheter funnel several times, if possible
- If the blockage cannot be removed, the system should be replaced



Periodically observe the device to ensure urine flow.



Reference: 1. Frimodt-Møller N, Corneliusen L. In vitro test of different urine-meters in an experimental bladder-drainage model: prevention of ascending contamination depends on construction of the urine meter. *British J of Infect Control.* 2005;6(5):14-17.

UnoMeter™ Safeti™ Plus Free Flow Pocket Card

Urine output is an important factor when monitoring a patient's condition, especially for patients in the intensive care unit. Accurate assessment of urine is essential to patient care and requires unrestricted flow.

Created for the collection and monitoring of urine output for critically ill patients, the UnoMeter™ Safeti™ Plus has been trusted by healthcare professionals since its introduction in 2007.

Design makes the difference

- The top-mounted chamber helps to minimize the risk of ascending contamination¹
- Two non-return valves help minimize the risk of retrograde infection
- The double lumen tube is designed to minimize urine stasis

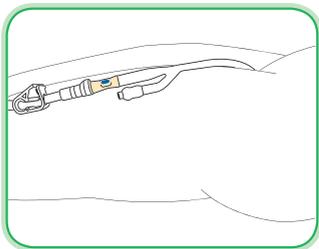
Correct placement of the urine meter is important to support unrestricted flow.



Urine meter – placement

- Because urine flow relies on gravity, the urine meter should always be set up below the level of the patient's bladder

Catheter connector – set up

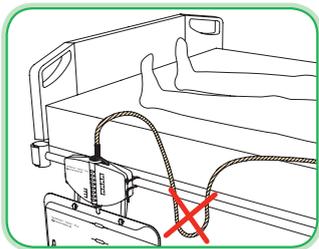


The Kombikon™ sample port should lay flat on the patient's leg, not tilted up.

If the Kombikon™ is tilted up, pressure can build on the non-return valve, thus restricting urine flow.

Urine meter tube – set up

- The UnoMeter™ tubing should be hung below the level of the bladder to enable the urine to flow downward



The tube should never loop or kink. Also, the entire length of the tube should always be above the level of the urine meter.

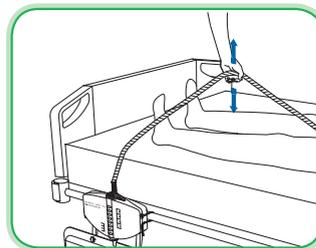
Urine meter tube – usage

- The tube should be completely drained before making an hourly measurement
- Lift tubing above the chamber for 10 to 15 seconds until urine is flowing
- Any urine left in the tube cannot be measured
- To remove any air and to empty the tube, raise and lower the tube from the midpoint several times

Residual urine may become separated by air, resulting in an airlock. If left uncorrected, an airlock can cause the flow to stop, leading to urine build-up in the bladder.



The double lumen tube is designed to support unrestricted flow by allowing urine and air to pass through adjacent lumens.



To restart urine flow, raise and lower the tube from the midpoint several times, or squeeze the catheter funnel several times, if possible.