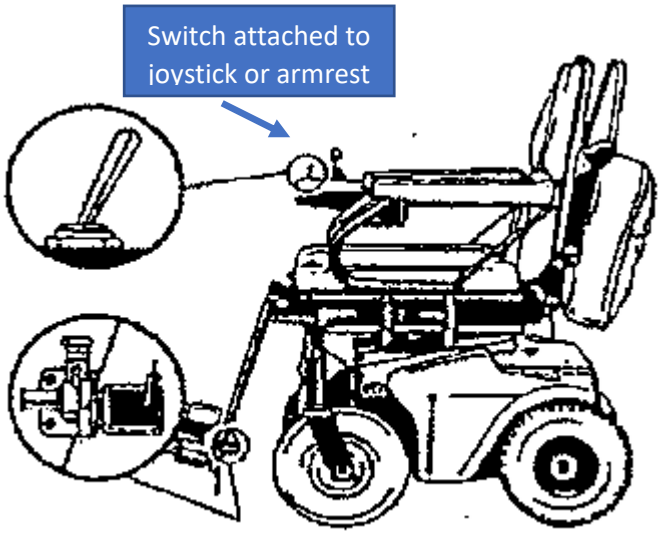
Electric Leg Bag Emptier Switch

Instructions for Use:



Purpose:

The purpose of an Electric leg bag emptier is to allow clients who have impaired upper limb function the ability to independently drain their leg bag when in their wheelchair.

The Electric leg bag emptier is attached to the footplate of the powerchair and another switch is attached onto the powerchair in a location that the client can operate (e.g., near the joystick or on the armrest). The client's leg bag is connected to the Electric leg bag emptier and when the switch is pressed it opens the valve and allows the urine to drain.

It may be a suitable option for clients with impaired upper limb function who are:

- unable to reach their leg bag
- unable to operate the standard leg bag drainage system
- unable to reach to drain the leg bag into a toilet.
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The electric leg bag emptier allows the urine to be drained from the client's catheter bag onto the floor (this could be done discretely either outside on grass or over drain in wet area such as bathroom/laundry). This can enable a client to drain their own urine bag independently and can be used so that the client can empty the urine bag if they are alone for extended periods of time and are at risk of the urine bag overfilling.

Set-up:

1. Cut two segments of tubing from a new teardrop urine bag (wide bore tubing):



- Nozzle end – cut a length of tube long enough to connect from the end of the leg bag to the top electronic drain switch valve
- Cut another shorter length – (5-10cm) to fit to the bottom valve of the drain switch to ensure urine emptying occurs below the level of the foot plate

*Tip – disposable overnight drain bags tend to be small bore tubing and will not fit the valve. Purchase a teardrop style bag with wide bore tubing such as Bard Drain Bag, Kendall Drain Bag, or the more sturdy square style Simpla S4 & Hollister 9650 bags.

2. Connect the short length of tubing to the bottom valve





3. When the person is in the powerchair, connect the nozzle end of the long length of tubing to their leg bag and the cut end to the upper Electric Drain Switch spigot.

4. Open the leg bag clamp

- Set up is now complete and ready for use
- The tubing can be fed down long pant legs, covered with a wrap or secured to the inside of the foot plate hanger to conceal its appearance if preferred.



Operation:

The switch is either activated through the powerchair controller or via a separate switch attached externally to the controller.

There is a 3 second delay between switch activation and urine drainage to prevent accidental activation – the client will know the valve is open when they hear a click.

The switch needs to stay depressed until the urine drainage is complete. The valve will close when switch is no longer depressed (the hear a second click).

Cleaning/Maintenance:

1. Close the leg bag clamp and detach the tubing. Leave the tubing connected to the drain switch.

2. Flush the tubing with water or prepared Milton or Urosol solution. This can be done by using a 60ml syringe (available from pharmacy or catheter supply company) filled with water or the prepared Milton or Urosol cleaning solutions.

3. Activate the switch to let the fluid drain through device to the ground/drain hole or another container (remembering that these chemical solutions may leave a patch on the grass!).

The tubing can be water rinsed daily, with a minimum recommendation of weekly cleaning with chemical agents. The plastic tubing should be replaced monthly.

Please contact the Spinal Outreach Team (SPOT) on 3176 9507 or SPOT@health.qld.gov.au if any further information is required.