

Traversing Transanal Irrigation

SELECTION GUIDE

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### Using this Selection Guide

Neurogenic bowel dysfunction is highly prevalent in persons with neurological disorders such as spinal cord injury (SCI), multiple sclerosis, spina bifida and Parkinson's disease. Transanal irrigation may be considered as a treatment option in patients with neurogenic bowel dysfunction and chronic bowel dysfunction as it has shown to improve faecal incontinence, chronic constipation and improve quality of life.<sup>1</sup>

Transanal irrigation is not the first line approach for the management of neurogenic bowel dysfunction. An appropriately qualified clinician is required to ascertain whether transanal irrigation is an appropriate option to assist with bowel emptying, when conventional methods have not led to satisfactory defecation outcomes or if bowel continence cannot be achieved.

The Traversing Transanal Irrigation Selection Guide is designed to assist clinicians to select a product when a specialised bowel management plan is required. This guide does not replace qualified clinician assessment, treatment and product recommendation. Although these products may be used to assist with bowel emptying, they do not replace traditional physician treatment methods.

Correct transanal irrigation systems are needed to maximise client comfort and minimise adverse outcomes. The BrightSky Australia Traversing Transanal Irrigation Selection Guide is designed to be used in conjunction with BrightSky Australia product codes. More information on products listed in this Selection Guide can be found on the BrightSky Australia website.

The products listed in this booklet are those that were available through BrightSky Australia at the time of printing and are subject to change. This booklet will be updated and new products added should these become available from product manufacturers.

The development of the BrightSky Australia Traversing Transanal Irrigation Selection Guide was originally developed by Kylie Wicks, CNC MN (Research),BHlth, Dip App Sc (Nursing).

1. Mekhael, M. et al (2021) Transanal Irrigation for Neurogenic Bowel Disease, Low Anterior Resection Syndrome, Faecal Incontinence and Chronic Constipation: A Systematic Review, Journal of Clinical Medicine, 10(4), pp 753.

**Disclaimer:** Information contained in this Selection Guide is for general information purposes only. Any decision regarding individual product suitability and its use should always be made in consultation with a health care practitioner.

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For more information and to order products: www.brightsky.com.au orders@brightsky.com.au 1300 88 66 01 Neurogenic Bowel and Transanal Irrigation A neurogenic bowel results in changes to how stool is processed through the bowel and eliminated. A neurogenic related faecal incontinence program is designed to preserve bowel function, minimise complications and should be compatible with a person's lifestyle choices. A neurogenic bowel is generally managed via an individually designed program. Such a program should be designed by a continence expert with disability experience.

Generally speaking transanal irrigation is not the first line approach for management of neurogenic bowel dysfunction. There is a progression of intervention steps when establishing a neurogenic bowel program (see diagram below). Traditional conservative approaches will commence with changes to diet, however this may not be successful and further invasive intervention may be required. Following a thorough assessment, transanal irrigation may be an option to consider when aperients and rectal stimulation are not working.

It is important to continue to assess and monitor approach taken, so further intervention steps can be introduced when the bowel program is not successful. "Transanal irrigation should be considered early in patients with moderate to severe neurogenic bowel dysfunction if conservative treatment modalities fail, ... " 1

NEUROGENIC BOWEL INTERVENTION PROGRESSION					
Lifestyle	Aperients	Rectal Stimulation	Transanal Irrigation	Surgical	Stoma
Diet, fluids, positioning	Additional oral supplements to help form and stimulate the progression of stool along the bowel	Manual (digital) or chemical (enema, suppository)	Balloon or cone, low or high delivery systems	E.g. sacral nerve stimulator, antegrade colonic irrigation	Ongoing use of a ostomy bag

1. https://www.ics.org/Workshops/HandoutFiles/OOO533.pdf

## 2 Transanal Irrigation Risk

Perforation is a recognised risk of transanal irrigation. Transanal irrigation is contraindicated for use in individuals where conditions exist that increase the risk of perforation. Thorough individualised assessment for use and hands-on training are needed prior to an individual using transanal irrigation.

## 3 Transanal Irrigation Contraindica tions for Use<sup>2</sup>

Absolute Contrainalcations	Relative Contrainal cations
Anal or rectal stenosis	Severe diverticulosis: Diffuse disease,
Active inflammatory bowel disease	Dense sigmoid disease, Previous diverticulitis or diverticular abscess
Acute diverticulitis	Long-term steroid medication
Colorectal cancer	Radiotherapy to the pelvis
Within 3 months of rectal surgery	Prior rectal surgery
Within 4 weeks after endoscopic polypectomy	Faecal impaction
Ischaemic colitis	Painful anal conditions
	Current or planned pregnancy
	Bleeding diathesis or anticoagulant therapy (not including aspirin or clopidogrel)
	Severe autonomic dysreflexia

2. Emmanuel, AV., Krogh, K., Bazzocchi, G., Leroi, A.M., Bremers, A., Leder, D., ... & Coggrave, M. (2013). Consensus review of best practice of transanal irrigation in adults. Spinal cord, 51(10), 732.

## O4 Approval to Use and Associated Training

An individualised assessment from an appropriately qualified clinician is required to ascertain whether transanal irrigation is an appropriate option for use. Check with manufacturers recommendations whether additional medical approval is required prior to commencement of a client on transanal irrigation. Training and initial monitoring of appropriateness of transanal irrigation is essential, and this should be outlined not only to the client but also in accordance with funding requirements. Manufacturers of transanal irrigation also provide client use guides that can be requested to assist with the training you provide. The frequency of training required and post use follow up will vary from client to client and will need to be validated as per funding body requirements.

## O5 Brand Selection Range

Currently within Australia there is a selection of transanal irrigation systems available for sale. Those readily available include Peristeen and Aquaflush. The main differences are whether they are a low or high volume delivery system and/or inserted via a cone or rectal catheter. Following a thorough neurogenic bowel assessment, recommendations on the most suitable system for use for the individual may be made. When deciding which system is best suited to the individual you will need to consider the amount of fluid required and whether a balloon catheter or cone system is required. A cone style product is held in place manually throughout the instillation process. If the individual experiences; irritation from the balloon, routine balloon popping, dysreflexia on inflation of balloon, a cone style product that is manually held in place may be of more benefit. [See page 5]

A rectal catheter with balloon is designed to hold the rectal catheter in place and provide a seal. [See page 6]

O6 Prescribing Transanal Irrigation When prescribing transanal irrigation for use it is also important to outline the associated ongoing equipment needs, as insufficient product or product used beyond design may impact success in ongoing use of transanal irrigation. This guide contains an outline of associated equipment usage for daily use based on current manufacturing guidelines.

#### Aquaflush Transanal Irrigation (Cone System) Bag System – High Volume Delivery; Pump with No Bag – Low Volume Delivery

When using Aquaflush ongoing you will require both the starter kit and the monthly kit. Each kit contains 1 lubricant sachet per cone. The monthly kit does not include the washbag, leg strap, extension tube and S hook. These recommendations assume a daily bowel program with equipment being ordered every 3 months and allows for a spare water bag and 5 extra cones per 3 months. Following an assessment should the client require more or less than a daily transanal irrigation then the 3 monthly quantities would need to be adjusted accordingly.

BSA code	Product	Content	Usage (as per manufacture and or importer guidelines)	What is required if on a daily bowel program			
	Pump with no bag - Low Volume Delivery						
223300	Aquaflush Compact starter kit	Silicone Cone x 5, Hand pump (100ml) assembly with quick connectors (one way valve)	3 re-uses of cone per single day Monthly	1 per 3 months			
223305	Aquaflush Compact monthly kit	Silicone Cone x 15, Hand pump (100ml) assembly with quick connectors (one way valve)	3 re-uses of cone per single day Monthly	6 per 3 months			
223350	Aquaflush compact plus starter kit	Silicone cone x 5, Elbow connector, Extension tubing, Large pump (200ml), Small washbag	3 re-uses of cone per single day Monthly	1 per 3 months			
223355	Aquaflush compact plus monthly kit	Silicone cone x 15, Elbow connector, Extension tubing, Large pump (200ml), Small washbag	3 re-uses of cone per single day Monthly	6 per 3 months			
		Bag System – High Volume Delivery					
223320	Aquaflush Lite starter kit	Silicone Cone x 7, 2L water bag includes (Hand pump/ tube assembly, Control tap Connectors & one way valve), Washbag for storage, Leg strap, Extension tube, Bag stand, S Hook for hanging bag	3 re-uses of cone per single day Monthly	1 per 3 months			
223325	Aquaflush Lite monthly kit	Silicone Cone x 16, 2L water bag (Hand pump/tube assembly, Control tap, Connectors & one way valve)	3 re-uses of cone per single day Monthly	6 per 3 months			
223340	Aquaflush Actif starter kit (Paediatric or stoma irrigation)	Silicone Cone x 5, 2L water bag (Hand pump/tube assembly, Control tap, Connectors & one way valve, Washbag for storage, Leg strap, Extension tube, Bag stand, S Hook for hanging bag	3 re-uses of cone per single day Monthly	1 per 3 months			
223345	Aquaflush Actif monthly kit (Paediatric or stoma irrigation)	Silicone Cone x 15, 2L water bag (Hand pump/tube assembly, Control tap, Connectors & one way valve)	3 re-uses of cone per single day	Monthly			
Replacement equipment only should above quantities not be sufficient following assessment							
223330	Cone pkt	Silicone Cones x 15	3 re-uses of cone per single day				
223335	Extension tube pkt	2 extension tubes	1 x tube monthly				

#### Peristeen Transanal Irrigation (Catheter System) Bag System – High Volume Delivery

These recommendations assume a daily bowel program with equipment being ordered every 3 months and allows for a spare water bag and catheter per 3 months. Following assessment additional rectal catheters can be sourced (149146,149151 or 149174). Should the client require more or less than a daily transanal irrigation the then 3 monthly quantities of Peristeen transanal accessory pack (149136, 149116 or 149173) would need to be adjusted accordingly.

BSA code	Product	Content	Usage (as per manufacture and/or importer guidelines)	What is required if on a daily bowel program
		1 control unit	90 uses	
		2 balloon catheters regular	single use	
		1 water bag	15 uses	
149126	Peristeen Plus System Regular	(incl. screw top and temperature indicator)	90 uses	
		2 straps	replace when worn out	
		1 tube	90 uses	
		1 toiletry bag and IFU	replace when worn out	
		1 control unit	90 uses	
		2 balloon catheters regular	single use	
	Peristeen Plus System Regular	1 water bag	15 uses	
149127	Excluding Bag	(incl. screw top and temperature indicator)	90 uses	
	Excluding bag	2 straps	replace when worn out	
		1 tube	90 uses	
		IFU		
		1 control unit	90 uses	1 per 3 months
		2 balloon catheters small	single use	
		1 water bag	15 uses	
149121	Peristeen Plus System Small	(incl. screw top and temperature indicator)	90 uses	
		2 straps	replace when worn out	
		1 tube	90 uses	
		1 toiletry bag and IFU	replace when worn out	
		1 control unit	90 uses	
		2 balloon catheters small	single use	
		1 water bag	15 uses	
149122	Peristeen Plus System Small Excluding Bag	(incl. screw top and temperature indicator)	90 uses	
	Excluding bag	2 straps	replace when worn out	
		1 tube	90 uses	
		IFU		

BSA code	Product	Content	Usage (as per manufacture and/or importer guidelines)	What is required if on a daily bowel program
		1 control unit	90 uses	
		2 cone catheters	single use	
		1 water bag	15 uses	
149170	Peristeen Plus System Cone	(incl. screw top and temperature indicator)	90 uses	
		2 straps	replace when worn out	
		1 tube	90 uses	
		1 toiletry bag and IFU	replace when worn out	1 per 3 months
		1 control unit	90 uses	i per s montris
		2 cone catheters	single use	
		1 water bag	15 uses	
149172	Peristeen Plus System Cone Catheters Excluding Bag	(incl. screw top and temperature indicator)	90 uses	
	Catheters Excluding Dag	2 straps	replace when worn out	
		1 tube	90 uses	
		IFU		
149136	Peristeen Plus Accessory Unit	15 balloon catheters (regular)	single use	
147130	Regular	1 water bag (excl. screw top) and IFU	15 uses	
149116	Peristeen Plus Accessory Unit	15 balloon catheters (small)	single use	6 per 3 months
147110	Small	1 water bag (excl. screw top) and IFU	15 uses	o per 3 montris
149173	Peristeen Plus Cone Accessory	15 cone catheters	single use	
147175	Unit	1 water bag (excl. screw top) and IFU	15 uses	
149146	Peristeen Plus Catheters Regular	15 balloon catheters (regular) and IFU	single use	149146 - Catheters to be purchased with systems (BSA codes 149126 or 149127) as systems only come with 2 catheters.*
149151	Peristeen Plus Catheters Small	15 balloon catheters (small) and IFU	single use	149151 - Catheters to be purchased with systems (BSA codes 149121 or 149122) as systems only come with 2 catheters.*
149174	Peristeen Plus Cone Catheters	15 cone catheters and IFU	single use	149174 - Catheters to be purchased with systems (BSA codes 149170 or 149172) as systems only come with 2 catheters.* *Would require at least 1 box of 15 catheters for first 15 irrigations then purchase accessory units with water bag and catheters.
149167	Peristeen Plus Straps	10 pairs of straps	replace when worn out	Only when required
149166	Peristeen Plus Tubes	pair of tubes and IFU	90 uses	Comes with system these are replacement tubes if required

At BrightSky, we're about supporting you on your unique path through wellness, to help you maintain and improve your health and support you to live your best life.

With commitment to delivering quality products, supported by our dedicated customer service team, we are continuously striving to go the extra mile for our customers. We aim to support our community with genuine wellness solutions that are focused on improving quality of life.

We aspire to play a vital role in elevating the lives of our customers; the people we support, live and work with; and the wider community through the extensive range of products we deliver and the crucial services the charitable organisation we're part of, provides.

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#### **Special Assistance**

Interpreter Service 131 450 National Relay Service (for the deaf, hearing or speech inpaired)

Fax 1300 88 66 02 **TTY/Voice** 133 677

**SSR (Speak and Listen)** 1300 555 727

Post PO Box 6347 Silverwater DC NSW 1811

## Need advice?

Our practical, portable tools such as PadNavigator® 2.0, The Catheter Compass 2.0<sup>™</sup>, The DomeDirector®, The Drainage Companion<sup>™</sup> and Traversing Transanal Irrigation can help you find and recommend the right product for your customers.



