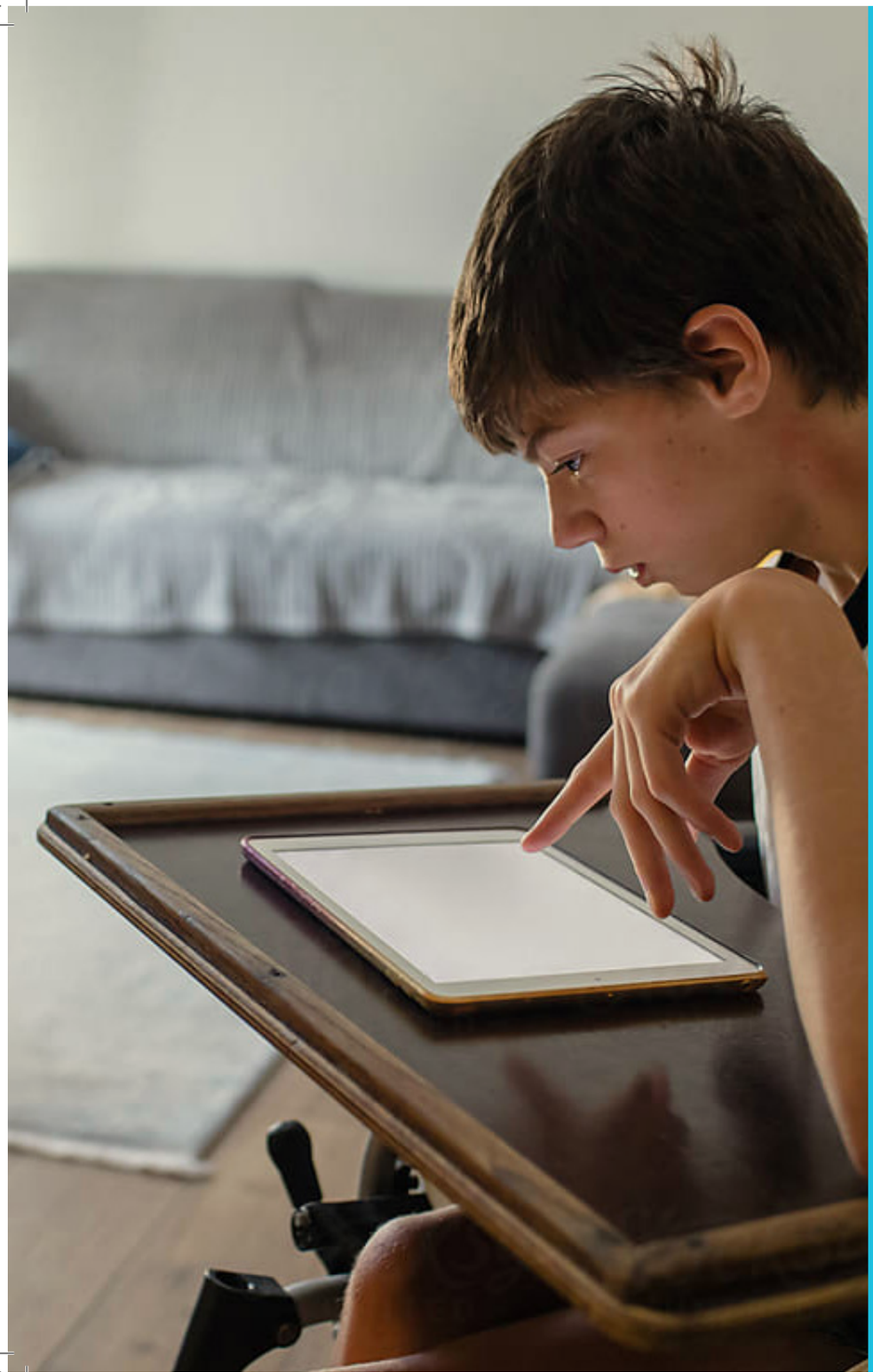
GUIDANCE FOR OCCUPATIONAL THERAPISTS AND OTHER HEALTHCARE PROFESSIONALS

A Guide to Effective Washing.

Factors which impact on cleaning performance.





As an Occupational Therapist, when you specify a Wash and Dry Toilet, the objective is to ensure that clients who are unable to toilet independently or who have difficulty in cleaning themselves after toileting, can achieve an appropriate level of hygiene. In order to help clients lead a more dignified and, if their condition allows, a more independent life, the toilet must be able to provide many years of reliable, consistent and effective cleaning.

Since we invented Wash and Dry Toilets over six decades ago, we have learned a lot about how to achieve the best possible clean for everyone, regardless of their needs.

Our key insight is that one size really doesn't fit all – even people who share the same disability or condition have differing needs – so that's why our Palma Vita Wash and Dry Toilet is built on the principles of flexibility, customisation and reliability.

Based on our own testing, alongside decades of user feedback, we have worked closely with a range of Occupational Therapists and clinical and medical professionals to ensure our products provide the most effective clean on the market today.

At the core of our wash function is our douche. Backed by our unrivalled knowledge and expertise, our cleaning approach is unique in the market. Thanks to the position and placement of the spray arm, the spray pattern and water direction, the volume of water and the range of seating and adaptation options available, no other toilet washes this way.

In addition, there are a number of other factors which have a fundamental influence on the efficacy of the wash, including the seating position of the client, and what adaptations may be needed to cater for individual physiological needs.

We've set out below some key points which demonstrate how and why our clean is the best clean on the market.

1. Flow Rate and Duration.

Typical Approach

Many Wash and Dry toilets currently on the market utilise “aerated” or “mist” technology. This approach often uses a lower volume of water (approximately 2 litres per minute), relying on aeration to create a sensation of volume. While this reduces water consumption, a mist or aerated spray often lacks the physical mass required to reliably clean clients with heavy soiling, loose stools, or those unable to perform a manual “check and wipe”.



The Closomat Difference

We believe the single most important factor in removing faecal matter without manual contact is the volume of water used.

HIGH-VOLUME WASH

The Palma Vita delivers approximately 8 litres per minute.

EFFECTIVE DOUCHING

This sheer mass of water creates a true douching effect rather than a light surface spray.

CLINICAL OUTCOME

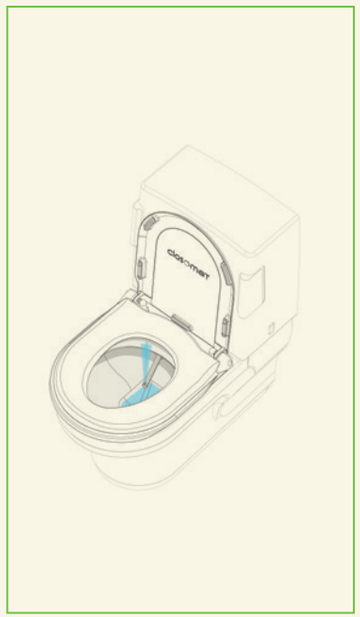
The high volume provides the necessary momentum to wash away solids effectively and consistently, significantly reducing the risk of residual soiling.

2. Spray Pattern and Direction: Minimising Cross-contamination.

Typical Approach

A common approach in other devices is the use of an oscillating or rotating spray (often described as a “whirl”). While comfortable for general use, an oscillating spray increases the surface area of the wash. From a clinical perspective, this wide dispersion can inadvertently spread bacteria across the perineum rather than flushing it directly away.





The Closomat Difference

Our system is designed to mimic the hygiene standards of a medical environment.

VERTICAL PRECISION

We utilise a concentrated, vertical spray of water deployed at a right angle to the douche arm.

DIRECT FLUSHING

This ensures waste water falls back down into the pan rather than being pushed forward.

CLINICAL OUTCOME

This targeted approach mimics a “front-to-back” wiping motion, which is especially beneficial for female users to limit faecal contamination of the perineal area.

3. Douche Type: Hardware vs Software Customisation.

Typical Approach

To accommodate different users, many manufacturers rely on “software” settings – adjusting the position of a standard robotic spray arm via a remote control. However, if a client’s anatomy or seated position falls outside the limited range of this adjustment, the wash efficacy can be compromised.



The Closomat Difference

We operate on the principle that hardware must physically adapt to anatomy.

INTERCHANGEABLE ARMS

An engineer can physically swap the standard douche arm for specialist alternatives.

TAILORED SOLUTIONS

This includes a Single Extended arm (for clients with a posterior pelvic tilt or larger gluteal shelf) or a Twin Extended arm (for precise vaginal and anal cleaning).

CLINICAL OUTCOME

A flexible hardware solution ensures the water is delivered exactly where it is needed, regardless of the client’s pelvic presentation.

4. Seating Position: Adaptability for Complex Needs.

Typical Approach

Many modern Wash and Dry toilets feature a fixed seat profile designed for aesthetic integration. While visually appealing, these fixed designs offer reduced flexibility for clients with pelvic obliquity, tissue viability risks, or significant bariatric needs who require specific pressure-relieving surfaces.



The Closomat Difference

We view the toilet as a functional base that must accept necessary adaptations.

WIDE COMPATIBILITY

The Palma Vita is compatible with a vast range of specialist seats, including soft seats for tissue viability, open-fronted seats for hygiene access, and bariatric options like the Big John seat.

SHOWER CHAIR INTEGRATION

Crucially, it works seamlessly with an extended range of shower chairs without the seat sensors interfering with operation.

CLINICAL OUTCOME

The wash is only effective if the client is positioned correctly; our compatibility ensures the client is always supported safely and effectively.

The efficacy of a Wash and Dry Toilet goes beyond basic functionality. For the Occupational Therapist, specifying the right solution means ensuring a client achieves long-term dignity, independence, and the highest possible standard of hygiene.

By considering these factors, you can be confident that the Closomat Palma Vita offers the best possible clean, supported by over six decades of expertise.

To find out more, please visit closomat.co.uk or call us on 0800 374 076.





SUPPORT AT EVERY STAGE

We not only manufacture the product but can also provide full “end-to-end” support – from assessments and specifications to installations and on-going servicing and maintenance.

EXPERT ASSESSMENTS

Closomat’s team includes Level 4 Trusted Assessors who can support or conduct assessments alongside OTs to streamline the process.

CUSTOMISABLE SOLUTIONS

All Closomat toilets are flexible and can be tailored to meet a client’s specific needs.

SIMPLIFED INSTALLATION

Our toilets are delivered pre-assembled and ready to fit, with full technical support available for installers and contractors.

EXCEPTIONAL AFTERCARE

A UK-based service team provides ongoing support, annual servicing, and spare parts.

UK MANUFACTURING

Products are built in Britain and designed to meet UK standards, ensuring proper fit, compliance, and support.

We have experience in supporting OTs through various funding pathways and can provide supporting clinical documentation, product specifications, quotes, and advice on VAT exemption.

Contact us to find out more.

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