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## BACKGROUND

Patients with new ostomies face challenges with learning and adapting to a new way of life. The new ostomate must learn how to manage their bowels and/or bladder in a new way. These challenges are amplified in patients with physical disabilities or loss of limb function.

## CASE

**Patient:** 55 yo white female with perforated diverticulitis s/p total colectomy and end ileostomy complicated by septic shock requiring high vasopressor use and gangrene of toes and fingers. Patient subsequently underwent bilateral BKAs and bilateral hand amputations

**Goal:** to be able to at least empty her pouch independently and not rely on her husband or a caregiver to be present 24/7



## METHODS

WOC nurse worked with OT and patient to trial multiple pouching systems and adaptive strategies. Used elastic cuff to manipulate pouching supplies

**Attempt #1:** Standard two-piece pouching system with a drainable pouch.



Unsuccessful, the patient unable to roll the flaps of the drainable pouch with the elastic cuff and grabber piece

**Attempt #2:** Standard two-piece pouching system with high output p



Unsuccessful, patient unable to effectively push the spout closed.

**Attempt #3:** Standard two-piece pouching system with a urostomy pouch



Unsuccessful, patient unable to twist the tab related to small size and could not close the spout

**Attempt #4:** Two-piece pouching system using a close ended pouch, understanding that this is typically not used with an ileostomy



**Successful: Yes!**

## RESULTS

The patient achieved success with a two piece, close-ended pouching system. Using the elastic cuff, she was able to:

- Remove the pouch by pulling on the tabs
- Apply a new pouch by pressing it onto the wafer until it clicked into place
- Reestablish independence with her ostomy care

## CONCLUSIONS

- It is recommended to focus on patient centered and collaborative care in cases with difficult circumstances such as finding a way for a fingerless patient to empty her ostomy pouch
- Adaptive equipment such as an elastic cuff, in combination with two-piece pouching system, provided safe and effective solution

## References:

Reynolds A. (2009). Patient-centered Care. *Radiologic technology*, 81(2), 133–147.

United Ostomy Associations of America., Inc. (n.d.) *Ileostomy Facts*. Ileostomy Information | United Ostomy Associations of America

Figure 1: Shop Ostomy Supplies (n.d.) Hollister New Image Two-Piece Ultra-Clear Drainable Ostomy Pouch With FlexTend Skin Barrier. Retrieved from [Hollister New Image Two-Piece Ultra-Clear Drainable Ostomy Pouch With FlexTend Skin Barrier](#) on 8/28/25.

Figure 2: Shoplet (n.d.) Hollister New Image 2-Piece High Output Drainable Pouch 2-3/4", Ultra Clear. Retrieved from [Hollister New Image 2-Piece High Output Drainable Pouch 2-3/4", Ultra Clear - 5018014 - Shoplet.com](#) on 8/28/25

Figure 3: Grayline Medical (n.d.) Hollister New Image Two-Piece Urostomy Kits - 2-Piece Urostomy Kit, 1-3/4", Green – 19902. Retrieved from [Hollister New Image Two-Piece Urostomy Kits - 2-Piece Urostomy Kit, 1-3/4", Green - 19902 - Grayline Medical](#) on 8/28/25

Figure 4: Health Products for You (n.d.). Hollister New Image Two-Piece Transparent Closed-End Pouch With Integrated Filter. Retrieved from [Buy Hollister New Image 2-Piece Transparent Closed-End Pouch](#) on 8/28/25