



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Suction pouch for high output stoma**

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**Introduction**

High output stoma is commonly seen during the early post-operative phase, frequent emptying of the pouching system is required and peri-stomal skin problem may also occur. It is not only increasing workload of nurses but also inhibiting patient physical activity. High output pouching system is commonly used to encounter the situation. However, such commercial pouching system may not be commonly available and with limited choice. Suction pouch, a modified pouch by using common medical consumables can be an alternative to provide better management to patient.

**Objectives**

By the modification of conventional stomal pouch, the similar function as commercial high output pouching system could be possibly provided.

**Methodology**

The Suction pouch can be applied to stoma with high volume of watery output. The equipment includes a wall suction, a urostomy pouch and a catheter for venipuncture. By connecting suction system to outlet of urostomy pouch, watery effluent can be effectively evacuated from the pouch by gravity and continuous suction force. Insertion of venipuncture catheter to suction tubing is necessary to stabilize the negative pressure created within the system.

**Result**

Result This system was applied to a patient with daily stoma output more than 2000 ml and provided similar functions as commercial high output pouch. The output could still be effectively drained when the content became more viscous by the continuous suction force. Also, the peri-stomal skin is healthy after the application of the pouch. Outcomes The Suction pouch can be used for patient when commercial high output pouching system is not available. It can provide an alternative way for accommodation of high output stoma by using common medical consumables.