Researchers at the University of South Florida developed an improved postoperative bag-less bladder drainage system.

Postoperative bladder drainage currently uses an indwelling bladder catheter attached to a bag that collects urine. Patients usually have to wear a bag after bladder neck surgery, sometimes for up to three weeks or more. It has to be drained manually multiple times daily and at night. Typical patient feedback includes tolerance for the catheter but a strong disfavor for wearing the urine-bag. This new invention has no such urine-bag limitation.

Our inventors have developed a new bladder drainage system that is compatible with the Foley catheter, and which directly attaches to its external end. The new system employs a stopcock that closes to hold the bladder contents in place. The stopcock opens when squeezed to allow urine flow thereby emptying the bladder. This invention eliminates the use of the urine-bag, allowing patients to discreetly wear the catheter only, and empty their bladder only whenever they desire. This bag-less bladder drainage system is applicable to many medical conditions in which artificial drainage of the bladder is required.

**ADVANTAGES:**

- Hygienic and can be discreetly worn
- Patients can empty their bladder only when they choose
- The system is bag-less; there is no urine-collection bag
- It is compact and easily operated

**Discreet Bladder Drainage System**

**Various Views of the Bladder Drainage Aid Valve**

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