

ActiCuf™ Disposable Pouch

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Purpose: To assess the ActiCuf disposable pouches' ability to prevent urine leakage in males with light to moderate urinary incontinence.

Materials and Methods: Twelve patients who were seen at the Minneapolis VA Medical Center with light to moderate urinary incontinence were offered to partake in the study. They were given a supply of the devices and instructed on their use. The study lasted from two to five weeks, since some of the candidates who initially described discomfort were switched to a modified version. The ActiCuf disposable pouch, by GT Urological, LLC, Minneapolis, Minnesota is a penile compression clamp with an absorbent attachment intended to prevent urine leakage in males with urinary incontinence. This disposable device consists of a deformable medical grade plastic clamp intended to apply localized urethral pressure sufficient to prevent urine leakage. Any inadvertent leakage that may occur is captured and absorbed by the absorbent attachment which cuffs the penis.

Results: Fifty-eight percent reported that the ActiCuf disposable pouch greatly reduced leakage and most thought that it absorbed well. Fifty percent felt the device was easy to put on and 67% felt it was easy to remove. Seventy-five percent stated that the device was either very or somewhat comfortable to wear and 67% said they would purchase the device in the future, if it was available. Of the three (33%) who would not, one had Parkinson's disease and had trouble putting it on, one thought it was uncomfortable to wear, and the third could not learn how to put it on properly.

Conclusions: The ActiCuf disposable pouch is overall a very socially acceptable, reliable and convenient alternative to those men with light to moderate urinary incontinence. It appears to be a very acceptable alternative to the use of the Cunningham clamp, pads, diapers or condom catheters.