# Anti-Infective Urinary Catheter

## Invention Summary

Urinary catheters are inserted into the urethra and advanced to the bladder where they drain urine. Wheelchair bound patients often require catheterization several times per day. A significant risk associated with long term urinary catheterization is infection. Urinary tract infections can lead to serious long-term complications and many people die each year as a result. Anti-infective catheters are currently being sold to address this problem but these catheters have limited efficacy and often cost 3-5 times more than regular catheters. This invention is an improved urinary catheter.

## Market Applications

This device is targeted to wheelchair-bound patients as well as bedridden patients in both the hospital and home healthcare settings.

## Features, Benefits & Advantages

This device would be more effective and lower in cost than current models.

## Intellectual Property & Development Status

This concept-stage invention is the basis for one of the design projects for the Bioengineering 3801/4801 Design Class sequence, and will be further developed in that context. It is available for developmental research support/licensing under either exclusive or non-exclusive terms.

## Related Research

http://uuhsc.utah.edu/pmr/faculty/

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