



# VCU

VIRGINIA COMMONWEALTH UNIVERSITY

## “Device for the Prevention of Catheter Associated Urinary Tract Infection” VCU #15-105

### Applications

- Prevention of Catheter Associated Urinary Tract Infection (CAUTI)
- Device to minimize gaps between catheter and tissue

### Advantages

- Protects from CAUTI
- Reduces the risk of infection by providing a physical barrier from fecal matter
- Flexible to minimize patient discomfort
- Adaptable to different gages of catheters
- Antimicrobial

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### Technology Summary

This invention was designed for the prevention of Catheter Associated Urinary Tract Infection (CAUTI). It includes both an antimicrobial coating and barrier to protect the urethra from fecal matter. Although there are solutions to produce barriers in male patients, there exists no device to protect female patients from contamination of fecal matter into the urethra. The flexibility of the attachment minimizes patient discomfort and is adaptable to different gages of existing catheters. The device fits snug into the urethra, therefore providing a barrier from fecal matter that reduces the risk of infection.

### Technology Status

This invention has been prototyped.

Patent pending: U.S. and foreign rights available.

This technology is available for licensing to industry for further development and commercialization.