**Technology:** Urinary catheter assembly and method

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**Location:** Minneapolis, MN

**Topic:** Medical Device

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The VA has sole ownership

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**Abstract** A urinary catheter is configured to avoid sliding contact between the outer surface of a catheter tube and the urethra wall. A flexible tubular membrane extends through the catheter tube and has a proximal end secured to an anchor outside the urethra as the catheter tube moves into the urethra, pulling the membrane through the proximal end of the tube so it inverts and covers the outer surface of the tube. Alternatively, a catheter tube of flexible material has a proximal end secured to the anchor, and the catheter tube turns inside out as it is inserted, forming a double wall reflected tube with a proximal reflection point. The sterile interior surface of the membrane or tube becomes the external surface facing the urethral wall as the catheter is deployed, and this external surface maintains static contact with the urethral wall as the catheter is advanced or retracted.