Minimally Invasive Tissue Suspension Device

Published date: Feb. 3, 2016

Technology description

This technology is a novel minimally invasive tissue suspension device for the treatment of SUI in females. The device is implanted without prior incision, thus reducing surgical risks and enhancing patient safety. The unique device design features multiple points of fixation to maximize tissue contact and reduce undesired tissue movement. One or multiple devices may be implanted until the desired tissue suspension is achieved. The device is implanted transvaginally using an accompanying insertion tool.
This is a tissue suspension device for the treatment of Stress Urinary Incontinence (SUI) in females, a condition that affects approximately 20% of women. Advantages include implantation without the need for incision, and features designed to give rise to superior fixation. This device may be an alternative to existing mesh and sling products.

Application area

Urology, Gynecology

Advantages

Minimally invasive - Eliminates need for prior incision - A novel alternative to existing technology for both patients and surgeons

Institution

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