



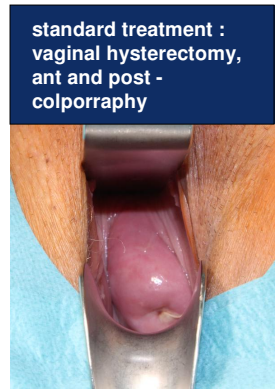
# U.S.A. - Utero-Sacropexy

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## Introduction

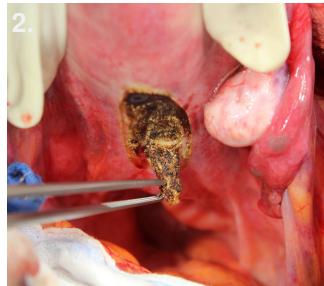
CESA (Cervico-Sacropexy) and VASA (Vagino-Sacropexy) proved to be effective surgical procedures for treatment of female genital prolapse and urge urinary incontinence. However, for women who want to preserve the uterus we developed the Utero-Sacropexy (U.S.A.).



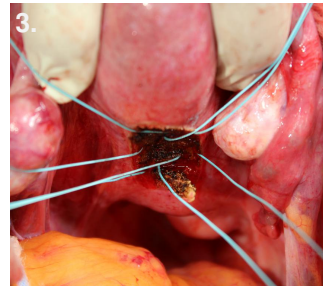
## Description of the U.S.A. procedure



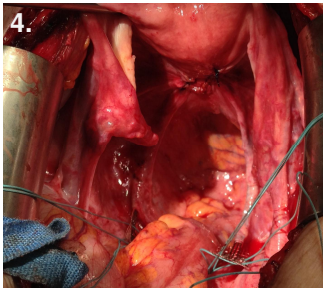
1. The origin of the utero-sacral ligaments (USL) are identified by pulling the uterus upward..



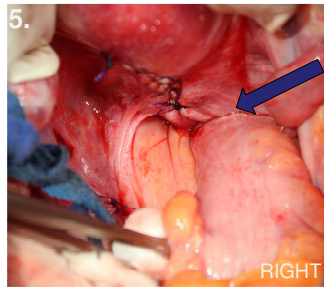
2. A muscular flap 2x3 cm ist incised from the backside of the uterus.



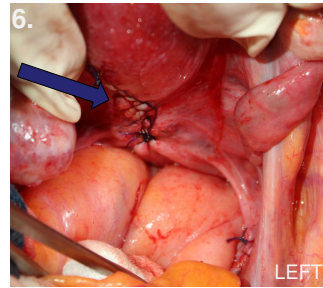
3. The fixation side of the tape is prepared and 4 sutures are placed to fix the U.S.A. tape (DynaMesh, FEG, Aachen, GER)



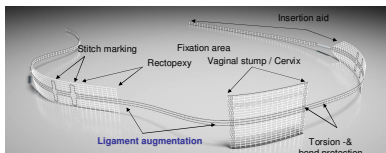
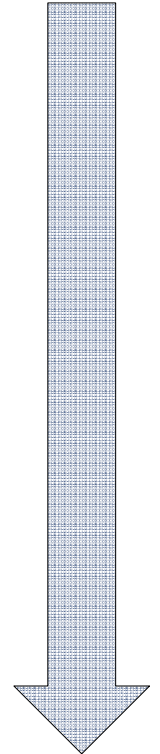
4. After suturing the fixation sides the new USL are placed into the USL channel on both sides with a TVT tunneller.



5. The backsides of the tapes are then sutured at the prevertebral fascia at S2/S1. Thereafter the flap is closed and the sutures at the fixation side at S2/S1 are tied.

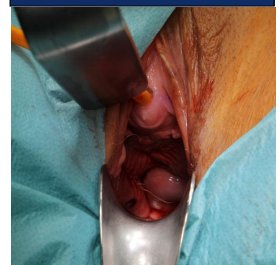


6. The backsides of the tapes are then sutured at the prevertebral fascia at S2/S1. Thereafter the flap is closed and the sutures at the fixation side at S2/S1 are tied.



Several aspects of the alloplastic tapes were essential:  
The used material – PVDF, the correct length, the fixation sides, the free mobility of the ligament Augmentation (the new USL).  
Shown: **Dynamesh cesa, FEG, Aachen , Germany** (for hysterectomized patients: **Dynamesh vasa, FEG, Aachen, Germany**)

**after U.S.A.**  
**(without any colporrhaphy)**



## Discussion

**U.S.A.** is a new method to cure prolapse without removing the uterus. The USL are replaced by standardized PVDF tapes.