

LAPAROSCOPIC ASSISTED BURCH COLPOSUSPENSION VAGINALLY**Synopsis of Video**

Deciding on the type of surgery to correct genuine stress urine incontinence(GSI) is a difficult challenge facing the genitourinary and reconstructive pelvic surgeon. Obviously, there is no single operative procedure, nor should there be, that will correct the types of disorders and associated pelvic pathology.

Proper patient selection should be based on thorough history and physical examination, including meticulous neurologic assessment. Urodynamic evaluation is essential to confirm the diagnosis of stress urinary incontinence (SUI) especially when there are mixed symptoms, and is mandatory after previous failed reconstructive surgery.

The outcome of surgery can be influenced by several factors including mixed type SUI, parity, aging, hormone status, presence of fibrosis and scarring from previous infection or surgery, or from radiation exposure, chronic chest disease, constipation, obesity, habits or hobbies such as weight lifting, and pelvic denervation.

Burch colposuspension is the surgery of gold standard for GSI. We do this procedure laparoscopically since 1992 and vaginally since 1996 with similar results compared with laparotomic procedure. Here we present the relative anatomy of this procedure vaginally with laparoscopic guiding. The detail landmarks and procedure will be showed in video.