



# Minimally Invasive Vaginal Tape

## Results obtained in 110 patients treated using MIVT (Heletech® U1P)

### Introduction

Among the various techniques used to treat female stress urinary incontinence (SUI), also known as effort incontinence, the Minimally Invasive Vaginal Tape technique, first developed in 2004, was used to treat more than 200 patients in the Gynaecology Unit of Essonne Clinic (in Evry, France). This surgical technique appears to be simpler to carry out and at least as effective as standard techniques.

An efficacy and tolerance analysis of the MIVT technique was carried out on the basis of patients' follow-up records.

### Patients

Between June 2006 and January 2009 patients referred to the Gynaecology Unit of Essonne Clinic for surgical treatment of SUI alone or with related operations were offered treatment of their incontinence using the MIVT technique with a U1P sub-urethral tape.

One of the diagnostic criteria used for SUI treatment was a positive reaction to Bonney's test.

All patients were informed about the surgical technique and the advantages of MIVT before their operations.

### Results

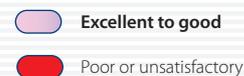
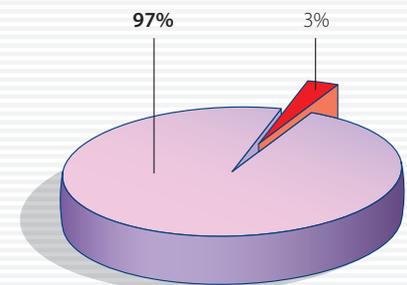
Between June 2006 and January 2009 110 patients were involved in an efficacy and tolerance study of the U1P tape fitted using the MIVT technique.

An assessment of the degree of patients' incontinence before their operations showed that 83% of them had grade II or II+ incontinence.

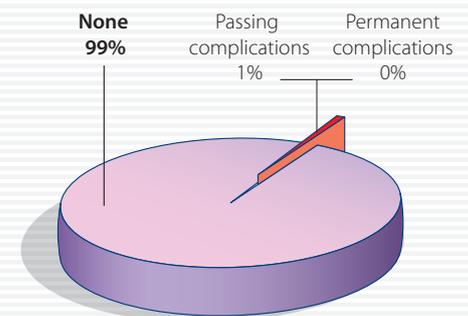
In more than 71% of patients the MITV technique was combined with one or more other surgical operations, including prolapse (39%), hysterectomy (49%), fallopian tube ligature (2%). The only pre-operative complication encountered was a slight and inconsequential haemorrhage (0.9%). So far, no case of erosion (vaginal or other), cellulite or abscess has been recorded. There were no undesirable after-effects in 99% of cases; only one patient suffered a passing phase of dysuria.

Efficacy is seen as good to excellent in 97% of patients.

### Efficacy



### Post-operative complications



### Conclusion

These results confirm the advantages of the new Minimally Invasive Vaginal Tape technique, including:

- Reduced operative risks
- No post-operative neuralgia
- Similar results in terms of efficacy to those of other techniques according to published information
- Less than 1% post-operative complications
- No external scars.

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Rue des Frères Lumière . BP385 . 38217 Vienne . France  
Tel. +33 4 74 16 18 18 . Fax +33 4 74 16 16 36

MANUFACTURER:

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Rue des Frères Lumière . BP385 . 38217 Vienne Cedex . France  
Tel. : +33 4 74 16 19 11 . Fax : +33 4 74 16 18 19