Introduction

Pelvic organ prolapse (POP) occurs when one or several organs in the pelvis slip down into the vagina.

There are 3 main types of pelvic organ prolapse:
1. Cystocele: Prolapse of the bladder
2. Uterine prolapse: Prolapse of the uterus
3. Rectocele: Prolapse of the rectum

Background

There have been recently many discussions about vaginal mesh used for transvaginal repair of POP and the complications they cause.

April 16, 2019 → Immediate withdrawal of mesh by the FDA

Consequences for France: withdrawal of some prostheses, the use of the others, reclassified as class III devices, re-evaluated

Objective

A retrospective analysis of the records of patients treated for transvaginal prolapse of the pelvic organs by Ingenious® prosthesis (A.M.I., Austria), a mesh authorized and used in our hospital

Results

10 patients suffered from recurrence of POP (35.7%)

5 after promotofixation

5 after use of pessaries

Per-operative complication:
2 cases (7%) of bladder injury
and 2 cases (7%) of mesh over tension

Conclusion

This retrospective study confirmed vaginal meshes were used in well-defined circumstances when promotofixation is contraindicated. This work needs to be continued to identify late complications such as erosion.

On February 27, 2020, French regulatory authorities banned all medical devices intended for transvaginal treatment of POP leaving women suffering from this pathology with no alternative to abdominal surgery.