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SINGLE INCISION MINI SLINGS

Introduction
The development of mid urethra slings from original retropubic and transobturator types is characterized by the tendency to use less heterogeneous mesh material with maintaining the same good results. First step in this direction was done by introducing TVT-Secure with broad triangular inserting edge. This product seems to have less user friendly characteristics resulting in some specific complications. Further progress in direction of lowering the invasivity is MiniArc with subtle anchoring system and readjustation possibility. First published results are comparable with full-size tapes.

Design
Treatment of female stress urinary incontinence by implantation of the single incision sling – MiniArc or Ajust.

Results
Our experience limited to 50 pts so far is promising: blood loss < 30mls in 92,1%. Local anesthesia, no bladder or urethral injury. Analgesics per os one dose in 4 cases only. Restoring of micturition within 2 hours (no residuum > 50mls) except 1 case. No urinary tract infection in two weeks postoperatively. Last single incision antiincontinence device used in our department is Ajust claiming - compared to previous - better fixation properties of its conical end caps resulting from their cranking over the obturator fascia. It also has the potency to adjust the tension of the tape. In the frame of ongoing randomized trial we do also aim to compare new shortened polypropylene slings with accepted standard devices.

Conclusion
Merit of the videos presented is to demonstrate the advantages of the single incision techniques.

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Is this a clinical trial?	**No**
What were the subjects in the study?	**HUMAN**
Was this study approved by an ethics committee?	**Yes**
Specify Name of Ethics Committee	**Local Ethics Committee of the University Hospital Na Bulovce.**
Was the Declaration of Helsinki followed?	**Yes**
Was informed consent obtained from the patients?	**Yes**