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Changes in Sexual Function following Uphold Mesh surgery for the Treatment of Urogenital Prolapse

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Objective: To assess the effect of Uphold mesh surgery on female sexual function.

Materials and Methods: Two hundred and five women with symptomatic POP stages II to IV defined by the POP quantification (POP-Q) staging system underwent TVM procedures at our hospitals. Thirty women were included because they were sexually active and had complete follow-up. Preoperative and postoperative assessments included pelvic examination using the POP-Q system and a personal interview to evaluate sexual symptoms with the short forms of UDI-6 and IIQ-7, and the FSFI.

Result: There was a significant improvement at points Aa, Ba, C, Ap, Bp and total vaginal length ($P < 0.05$), and the UDI-6 and IIQ-7 scores showed significant decreases in both groups postoperatively ($P < 0.01$). The scores of all parameters of FSFI except the lubrication domain, improved significantly after Uphold mesh surgery ($P < 0.05$).

Conclusion: Uphold mesh surgery creates an effective anatomical restoration of POP, and favorable sexual function.