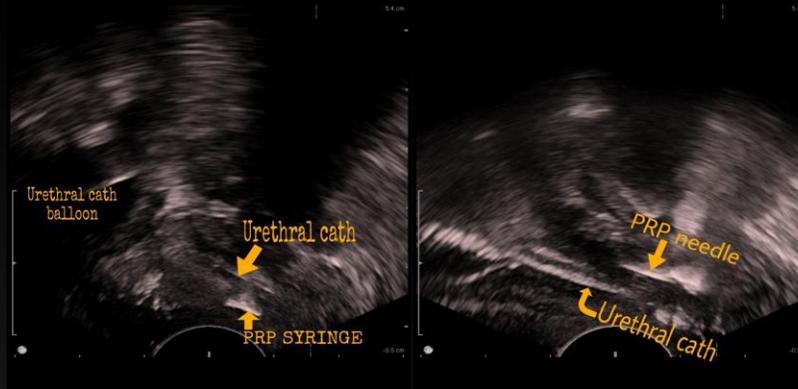


Efficacy of Transvaginal Ultrasound Guided Platelet Rich Plasma Injection for Treatment of Female Stress Urinary Incontinence. Dr. Ahmed Abdellatif

Patients and Methods

Sample Size : 54 Patients

- ◆ Inclusion criteria : Women with SUI
- ◆ Exclusion criteria : UTI , Bleeding tendency , UT malignancies , moderate and severe POP.



- ◆ Transvaginal US guided Injection at 3, 5, 7, 9 clock
- ◆ At mid urethra
- ◆ About 2 ml at each site

Follow up

All patients were followed each two weeks for 2 months by:

- ◆ ICIQ-SF, ICIQ-LUTSqol Arabic validated questionnaires
- ◆ Stress test
- ◆ Pad test

Comparison of LUTSqol before and after injection

mild : significant improvement in QOL after

1st injection and further improvement after 2nd one

moderate Significant improvement in

QOL after 2nd injection

severe No significant improvement

Comparison of pad test before and after injections

Mild: decreased after first injection and showed significant further decrease after second injection

Moderate: significant decrease in leakage only after 2nd injection

Severe

No significant decrease

Improvement and efficacy at the end of treatment

10 (18.5%) patients cured

12 (22.2%) patients improved in severity

failure rate 59.3%.

- ◆ Increased parity, NVD and advanced age were associated with poor improvement after injection (P value < 0.05).