

# Midwifery and Neonatal Nursing

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## The surgical treatment of urinary incontinence TOT / TVT: What difference in terms of post-operative quality of life

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Urinary incontinence is a relatively common condition that affects between 23% and 45% of women in the world [1]. Stress urinary incontinence (SUI) in women is defined as the involuntary loss of urine during physical exertion, coughing, sneezing or sudden change in position. The objective of this prospective study was to compare the post-operative quality of life after TVT and TOT procedures in women with SUI.

**Results:** The study population included 366 women. The groups were similar in terms of demographics, preoperative data, and cure rates. De novo urgency 1-rates were similar in both groups. In our study, like others [2, 3] both techniques appear to be equally effective in the surgical treatment of SUI.

**Conclusion:** Treatment of SUI using the TOT procedure was associated with a lower rate of de novo urgency. However, Postoperatively, urinary infection and chronic pain were significantly more frequent with TOT procedure ( $P = 0.01$ ).

### Biography

Achour Radhouane is Associate Professor at Faculty of Medicine, El Manar University of Tunis, Tunisia. He has published many basic and clinical articles in relation to gynecology and obstetrics. He serves as Associate Professor, Emergency Department of Gynecology and Obstetrics in Maternity and Neonatology Center Tunis, Tunisia. He also serves as Member of the Editorial Team of Asian Pacific Journal of Reproduction, the Global Journal of Rare Diseases and Journal of Neonatal Biology

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