

أسم البحث الرابع باللغة الإنجليزية :

Transrectal Ultrasound Guided Seminal Vesiculography In The Evaluation of Distal .seminal Tract Obstruction

Abstract

Background: Azoospermia is either obstructive or non obstructive .Non obstructive Azoospermia is caused by severely reduced sperm production

.obstructive Azoospermia is either due to proximal or distal seminal tract
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obstruction .Vasography was used to image the seminal tracts but it carries the risks of General anaesthesia and vasal damage .Trials has been done to replace vasography with less invasive techniques.

Aim of study :To assess the benefits of TRUS guided seminal vesiculography in evaluating the distal seminal tract obstruction.

Materials and Methods: 13 patients with laboratory results of obstructive Azoospermia were examined with TRUS guided seminal vesiculography and if recommended TRUS guided aspiration of seminal vesicles.

Results: the diagnoses based on the examination findings . 4 cases showed normal findings with suspected proximal seminal tract obstruction.3 cases showed mid line prostatic cysts.2 cases showed unilateral ejaculatory ducts obstruction with suspected contralateral strictures.2cases showed bilateral ejaculatory ducts obstruction. 2 cases showed bilateral agenesis of seminal vesicles.

Conclusion: TRUS guided seminal vesiculography is valuable and useful technique in the diagnosis and decision for managements of infertile men with obstructed seminal tracts.