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Tıbbi ilgi ve uzmanlık alanları:

ÜROLOJİ

Eğitimi:

2003 KOCAELİ ÜNİVERSİTESİ

2007 KOCAELİ ÜNİVERSİTESİ TIP FAKÜLTESİ.

Çalışılan Kurumlar:

12/06/2002 KOCAELİ ÜNİ.TIP FAK.

06/02/2008 KOCAELİ DEVLET HASTANESİ

Yayınlar:

Intrarectal ice application prior to transrectal prostate biopsy: a prospective randomised trial accessing pain and collateral effects.

Abstract

OBJECTIVES:

To analyze the efficacy of intrarectal ice application as an anesthetic method prior to transrectal ultrasound (TRUS) guided prostate biopsy.

MATERIALS AND METHODS:

A total of 120 consecutive men were included into the study prospectively. Patients were equally randomized as group 1 and 2 with 60 patients each. Ice was applied as an anesthetic method 5 minutes before procedure to the patients in group 1. Patients in group 2 were applied 10 mL of 2% lidocaine gel 10 minutes before procedure. Twelve core biopsy procedure was performed for all patients. The pain level was evaluated using a visual analogue scale (VAS).

RESULTS:

Median pain score was 3.5 (1-8) in group 1 and 5 (1-8) in group 2. There is significantly difference between groups regarding the mean sense of pain level during the procedure. ($p=0.007$) There was also no difference in complications between two groups about presence and duration of macroscopic hematuria and rectal bleeding.

CONCLUSIONS:

Intrarectal ice application prior to TRUS prostate biopsy has an effect on reducing pain. Development of new techniques about cold effect or ice can make this method more useful and decrease complication rates.

Re: The Use of Resectoscope Combined with Ureteroscope for the Treatment of Bladder stones. (From: Jia Q, Wang K, Jin T, et al. J Endourol 2015;29:455-458).