

Studying the prevalence of back pain after spinal anesthesia and their effective factors in referred patients to 501 hospital in year 91:

Abstract:

Introduction and purpose:

The spinal anesthesia is known as an anesthesia method in outpatient surgeries and is performed in very surgeries daily.

Although this method is good but is not without complication and about spinal anesthesia we can point two complications as headache and back pain.

Our study is checking the prevalence of back pain after spinal anesthesia and their effective factors in referred patients to 501 hospital in year 91.

Methods and materials:

This study is done as cross-sectional on 632 referred patients to 501 hospital in year 91 for surgery by spinal anesthesia method.

The tool for collecting data in this study is questionnaire contain

ing demographic data and basic parameters of the plan that is done completing the questionnaire after explanation the plan to patients and vouching them about confidentiality of their personal information.

The whole of anesthesia cases is performed by two experienced anesthesia specialists and their data were analysed by 16th version of SPSS software.

Findings:

31 persons of 632 persons that was available in this study (4.9 %) had back pain after operation that may has been because injection site and etc.

After a week 22 persons recovered and pain remained in 9 persons(1.29%) that are defined by pain definition.

7 persons of this 9 persons had caesarean operation.

Discussion and Results:

What that distinguishes our study from other studies is unity of needle size and anesthesia specialists who performed anesthesia method and exiting effective factors on results from study.

Type and duration of operation are from factors of back pain after operation. Duration of immobility and patient position when spinal anesthesia is doing are from effective factors on back pain. Maybe type and shape of needle are less effective on back pain after operation.

In very studies it is proven that size of needle is an important factor in back pain outbreak. It may back pain in patients is depending to number of tries for spinal puncture but it may type of operation is an effective factor for back pain in patients.

Key words:

Back pain – Spinal anesthesia – Effective factors