

ABSTRACT

Maria Magdalena 1733066P

The Difference between 0,9% NaCl Irrigation Liquid and Sterile Water Against Transurethral Resection of Prostate Syndrome (TURP) in Post Patients TURP at Charitas Hospital Palembang.

SKRIPSI

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FAKULTAS ILMU KESEHATAN
UNIVERSITAS KATOLIK MUSI CHARITAS

Background: *Benign Prostatic Hyperplasia* is a degenerative process that decreased testosterone and increased dihydrotestosterone. Prostate hyperplasia occurs due to constringency of the lumen, caused urinary retention. One of the surgical procedures performed is the TURP operation followed by Continuous Bladder Irrigation using 0.9% NaCl liquid and sterile water. This procedure caused TURP syndrome.

Objective: To find out the difference of irrigation fluid between 0.9% NaCl and sterile water against transurethral resection of prostate syndrome (TURP).

Method: Quantitative research, analytic observational research design using secondary data. The population in this study was postoperative TURP patients with irrigation using 0.9% NaCl fluid and sterile water from 2015 until June 2019. Sampling technique using purposive sampling with the total respondents was 72 people, 36 respondents for the NaCl 0, 9% group and 36 respondents for the sterile water group.

Results: This study results that 72 post-operative TURP respondents aged over 71 years as many as 38 people (52.8%), aged 50-70 years as many as 34 people (47.2%). The duration of operation of 72 respondents was 58 people (80.6%), the time required was less than 1 hour, as many as 14 respondents (19.4%) the time spent on TURP operations was more than 1 hour. In postoperative TURP patients used NaCl irrigation fluid 0.9% of 36 respondents had TURP syndrome as many as 22 people (61.1%), hadn't TURP syndrome as many as 8 people (22.2%), moderate TURP syndrome as much 5 people (13.9%) and high TURP syndrome were 1 person (2.8%). The post-operative TURP patients used sterile water from 36 respondents did not caused TURP syndrome as many as 18 people (50%), mild TURP syndrome 13 people (36.1%), and moderate TURP syndrome as many as 5 people (13.9%) .

Keywords : Sindrom *TURP*, Irrigation Fluid, NaCl 0,9 % and *Steril Water*