

GAMBARAN PEMERIKSAAN SEDIMEN URINEE DENGAN VARIASI VOLUME URINEE PADA PASIEN ISK¹

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INTISARI

Infeksi Saluran Kemih (ISK) adalah infeksi akibat berkembangnya mikroorganisme patogen di dalam saluran kemih. Infeksi saluran kemih dapat dipastikan bila terdapat pertumbuhan mikroorganisme. Penelitian ini tentang pengaruh volume urinee terhadap sedimen urinee pada pasien ISK di RSUD Ciamis. Penelitian ini bertujuan untuk mengetahui pengaruh volume urine terhadap sedimen urine pemeriksaan Infeksi Saluran Kemih (ISK) sehingga dapat meningkatkan diagnosis laboratorium. Penelitian ini bersifat deskriptif, sampel yang digunakan yaitu sampel urinee pasien isk di RSUD Ciamis sebanyak 30 orang, dengan variasi volume 12 mL, 2 mL dan 2 mL dengan koreksi perkalian untuk gambaran hasil dari pemeriksaan sedimen urinee yang lebih akurat. Dari hasil penelitian diketahui bahwa hasil sedimen urinee dari volume standar yaitu 12 mL didapatkan nilai rata-rata leukosit 22 Eritrosit 12 dan epitel 5 dan pada variasi volume 2 mL didapatkan nilai rata-rata leukosit 4 eritrosit 2 epitel 1 sedangkan pada variasi volume 2 mL dengan koreksi perkalian didapat hasil leukosit 22 eritrosit 12 dan epitel 6. Perbedaan volume urinee berdasarkan hasil penelitian yang telah dilakukan dapat disimpulkan bahwa volume urinee berpengaruh pada sedimen urinee dengan perbedaan yang signifikan antara volume urinee yang sesuai standar 12 mL dengan volume urinee 2 mL. Namun pada variasi koreksi perkalian didapati hasil yg mendekati dengan volume standar.

Kata Kunci : ISK, Sedimen urinee, Volume Urinee

Kepustakaan : 25, 2011 – 2019

Keterangan : 1 judul, 2 nama mahasiswa, 3 nama pembimbing 1, 4 nama pembimbing 2

OVERVIEW OF URINEE SEDIMENT EXAMINATION WITH VARIATIONS IN URINEE VOLUME IN UTI PATIENTS¹

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ESSENCE

Urinary Tract Infection (UTI) is an infection due to the development of pathogenic microorganisms in the urinary tract. Urinary tract infections can be confirmed when there is the growth of microorganisms. This study is about the effect of urine volume on urine sediment in UTI patients at Ciamis Hospital. This study aims to determine the effect of urine volume on urine sediment examination for Urinary Tract Infections (UTI) so as to improve laboratory diagnosis. This research is descriptive, the sample used is urine samples of UTI patients in Ciamis Hospital as many as 30 people. with volume variations of 12 mL, 2 mL and 2 mL with multiplication correction for a more accurate picture of the results of urine sediment examination. From the results of the study, it is known that the urine sediment results from a standard volume of 12 mL, the average value of leukocytes is 22 Erythrocytes 12 and epithelium 5 and for a volume variation of 2 mL, the average value of leukocytes is 4 erythrocytes 2, epithelium 1, while the volume variation is 2 mL with multiplication correction obtained leukocytes 22 erythrocytes 12 and epithelial 6. The difference in urine volume based on the results of research that has been done can be concluded that urine volume has an effect on urine sediment with a significant difference between the volume of urine according to the standard 12 mL and urine volume of 2 mL. However, in the multiplication correction variation, the results are close to the standard volume.

Keywords : UTI, urine sediment, urine volume
Literature : 25, 2011 - 2019
Description : 1 title, 2 student names, 3 supervisor names 1, 4 supervisor names 2