

Gambaran Berat Jenis pada Protein Urin Positif Wanita Hamil Trimester 2

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Abstrak

Wanita hamil disarankan melakukan pemeriksaan dengan dokter atau bidan dan pemeriksaan laboratorium. Salah satu pemeriksaan yang dilakukan adalah urin rutin. Usia kandungan trimester 2 tekanan vena renalis meningkat, ukuran ginjal membesar dapat berpengaruh terhadap laju filtrasi glomerulus sehingga protein keluar bersama dengan urin, sebagian besar orang hamil hasil protein (albumin) urin positif. Protein pada urin ditandai dengan urin yang keruh yang dapat berpengaruh terhadap berat jenis urin. Pengukuran berat jenis dipengaruhi oleh zat-zat bermolekul besar (protein, glukosa atau Kalsium) yang terlarut dalam urin. Tujuan penelitian mendeskripsikan kadar berat jenis urin yang memiliki hasil protein urin positif.

Jenis penelitian adalah deskriptif. Populasi penelitian wanita hamil trimester 2. Sampel penelitian data pasien yang melakukan pemeriksaan urin rutin bulan Desember 2016 - Januari 2017 yang memiliki hasil protein positif kemudian dilakukan pemeriksaan berat jenis urin di Prodia Salatiga.

Hasil pemeriksaan menunjukkan terdapat 21 pasien memiliki hasil berat jenis urin normal yang memiliki kadar protein urin 25 mg/dl (+1) sebanyak 20 pasien dan 1 pasien dengan kadar protein 75 mg/dl (+2). Sebanyak 8 pasien wanita hamil berat jenis dan kadar protein urin tidak normal.

Kata Kunci : Protein (albumin) urin, Berat Jenis

The Representation of Specific Gravity on 2nd Trimester Pregnant Woman with Positive Urine Protein

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Abstract

Pregnant women are advised for routine check up with doctor or midwife and laboratory's check. One kind of the check that have to be committed is routine check of urine. Second trimester of pregnancy, the renal venous pressure will increase, enlarged of kidney size that can be affected the filtration rate of glomerolus so the protein out along with urine. Most of the pregnant's outcome is positive protein (albumin) in urine. Protein in urine is showed by muddy/turbid urine that can influence the specific gravity of urine. The measuring of specific gravity is effected by any big substance (protein, glucose, or calcium) which have been fuse in urine. The purpose of this research is describing the content of urine's specific gravity who has positive urine protein as her test result

Research type is descriptive. The study population was on 2nd Trimester Pregnant Woman. Samples of this research are datas of pregnant patient on their trimester 2 who check for routine urine test among December 2016 until January 2017 period with positive urine protein as their test result and then they have to check the specific gravity of urine on Prodia Salatiga Laboratory.

Result of the researchs show that 21 (twenty one) patients have normal specific gravity of urine which 20 patients have contents of urine protein about 25 mg/dl (+1) and a patient has contents of urine protein about 75 mg/dl (+2). There're also 8 patients who have abnormal result of urine specific gravity and content of urine protein.

Keywords : Positive Urine Protein (albumin), Urine Specific Gravity