



INFECTIOUS DISEASES (BACTERIAL, FUNGAL, VIRAL, PARASITIC, INFESTATIONS)

PREVALENCE BACTERIAL VAGINOSIS IN PREGNANT WOMEN A MATERNAL AND CHILD HOSPITAL, WEST JAVA, INDONESIA 2018

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Introduction: Bacterial vaginosis (BV) is a lower genital tract infection of reproductive women which can occur in pregnant and non-pregnant women. BV in pregnant women can increase the risk of complications, including might increase premature rupture of membranes, preterm birth, and babies with low birth weight. BV can also increase the risk of acquired and transmission of STI include HIV. The last prevalence of BV in pregnant women has been reported in Jakarta, Indonesia on 1990. Until now, there is no update data of BV in pregnant women, especialy in West Java, Indonesia.

Objective: The aim of this study was to determine the prevalence of BV in pregnant women who came to a Maternal and Child Hospital 'RSKIA Kota Bandung', West Java, Indonesia, 2018.

Materials and methods: This study is a descriptive cross-sectional design and a consecutive sampling method was conducted on June 2018. The study participants were 60 pregnant women who has antenatal care in Obstetric and Gynecology outpatient Clinic in Maternal and Child Hospital, meet the inclusion and exclusion criteria. The study participants had a history taking and venereological examination. Diagnosed of BV based on Amsel criteria.

Results: All 60 pregnant women are asymptomatic. We performed history taking, venereological examination to all participant, and diagnosed is based on Amsel criteria's item. Amsel criteria i.e ; 1) Homogenous white or greyish vaginal discharge; 2) pH of the vagina > 4,5; 3) positive whiff test; 4) clue cells were found. From this study, seven (11,67%) out of 60 pregnant woman were diagnosed as BV and fullfild this criteria.

Conclusions: The prevalence of BV in pregnant women in Maternal and Child Hospital, Bandung, Indonesia, 2018 was 11,67%. None of them complained vaginal discharge. The assessment of BV should be recommended as a routine work-up for early detection in pregnant women.

