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Title: Knowledge, Attitudes, and Behavior of Pregnant Women about HIV Screening

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Abstract (upto 300 words)

Background: HIV infection is one of the infectious diseases that are classified as factors that can affect the death of mother and child. According to the Ministry of Health of the Republic of Indonesia (2016), *Human Immunodeficiency Virus (HIV)* is a virus that attacks the human immune system. While *Acquired Immunodeficiency Syndrome (AIDS)* is a collection of symptoms of the disease that can lead to a decrease in the immune system caused by HIV. This study aims to find out the knowledge, attitudes, and behavior of pregnant women in conducting HI tests.

Method: this research is quantitative research with a *cross-sectional* research design with incidental sampling techniques. The population that is used as the source of this research is the examination of pregnant women at Arga Husada Hospital, which is as many as 150 pregnant women. The analysis was used in univariate analysis and bivariate analysis using *chi-square* statistical tests. **Result:** The knowledge variable shows the result that the *p-value* is 0.397 which means there is no relationship between knowledge and HIV test behavior. Attitude variables show a *p-value* of 0.001 which means that there is a relationship between pregnant women's attitudes towards HIV testing. **Conclusion:** Knowledge is not related to HIV test behavior and there is a relationship between pregnant women's attitudes towards HIV testing

Biography (upto 150 words)

Siswi Wulandari has completed her PhD at the age of 30 years from Brawijaya University, Indonesia. She is the Lecture of Kadiri University, Indonesia. She has over 55 publications that have been cited over 88 times, and her publication H-index is 6 and has been serving as an editorial board member of reputed Journals.

Recent publication:

1. Arwiyantasari, W., Respati, S. & Pamungkasari, E., 2017. BIopsychosocial Determinant of Pregnant Women's Behavior in conducting Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrom (HIV/AIDS) Test in Medium. *Journal Of Health Promotion and Behaviour*, 2(2), pp. 112-123.
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3. Fatimah, F. & Hati, F., 2015. Tingkat Pengetahuan Ibu Hamil tentang HIV/AIDS dengan Perilaku Pemeriksaan Test PITC (Provider Initiated Test and Counselling) di Puskesmas Sleman Yogyakarta.. *Jurnal Ners dan Kebidanan Indonesia*, 3(1), pp. 48-52.
4. Halim, Y., Syamsulhuda, B. & Kusumawati, A., 2016. Faktor-Faktor yang Berhubungan dengan Perilaku Ibu Hamil dalam Pemeriksaan HIV di Wilayah Kerja Puskesmas Halmahera Kabupaten Kediri. *Jurnal Kesehatan Masyarakat*, 4(5), pp. 150-405.
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9. Wulandari, S., Utomo, B. M., Meireza, K., & Safika, P. R. (2021). PENGETAHUAN, SIKAP DAN PERILAKU PENCEGAHAN INFEKSI MENULAR SEKSUAL PADA IBU RUMAH TANGGA. *Jurnal Bidan Pintar*, 2(1), 227-238.

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