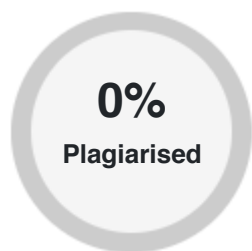


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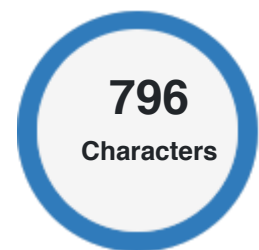
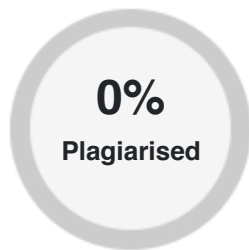


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Background: Around 50% of people living with HIV/AIDS worldwide are women, and women of reproductive age are the group of women who are most infected by HIV/AIDS. Indonesia is a country that has increased the number of people with HIV/AIDS up to three folded since 2009-2014 and the number of women infected with HIV/AIDS also continues. Objective: This study aims to look at the characteristics of women living with HIV / AIDS (WLWHA) in Victory Plus who are of reproductive age. Method: Descriptive research with cross sectional approach was conducted on 288 women with HIV / AIDS taken by purposive sampling who met the inclusion criteria in Victory Plus foundation, Yogyakarta. Data were taken by questionnaire in March - June and processed by univariate analysis according to the data. Results: WLWHA in Victory Plus Foundation Yogyakarta is 100% undergoing ART, they are 35.42 ± 6.91 years old, suffered HIV for 4.06 ± 3.21 years, and have length of ART duration. Most of WLWHA are Muslims, Javanese, married women, senior high school educated, housewives, have living children, have no child with HIV, adherence on ART, have steady sex partner, disclosed their HIV status to their sexual partner, undisclosed their HIV status to others and having better health perception. Conclusion: The number of WLWHA of reproductive age can be increased so that the application of HIV prevention and dissemination efforts in women of reproductive age must be emphasized. HIV/AIDS cases are still considered as health problems in various countries in the world (Rukmi & Darussalam, 2018). Based on UNSAID (Joint United Nations Program on HIV and AIDS) statement, by the end of 2017, more than 36.9 million people in the world are living with HIV/AIDS (35.1 million are adult and 1.8 million are children). In addition, 1.8 million incidents were new cases of HIV and 940,000 people in the world die of HIV/AIDS (Nurjanah & Wahyono, 2019). From all of these HIV patients, nearly half of the infected were women and in their productive age (Oskouie, Kashefi, Rafii, & Gouya, 2017). Women were more likely to be infected by HIV than men (Fagbamigbe, Adebayo, & Idemudia, 2016). Numbers of research have reported that there are two most common ways of HIV transmission, namely sexual intercourse and blood transfusion. In both ways, the prevalence of transmission is higher in women than in men. Women's earlier exposure to HIV was due to risky sexual behavior, coupled with physiological factors in women. Also, the exposure to blood transfusion done due to anemia and complication during pregnancy and childbirth, combined with the low access for information and treatment for other infections that aid the transmission of HIV and the development of AIDS, is higher in women (Girum et al., 2018). The prevalence of HIV/AIDS for the age of 15-49 years old in Asia, since 2015, is categorized as stable within the number

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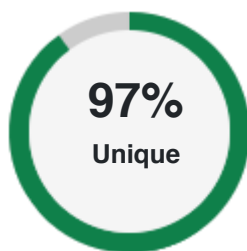
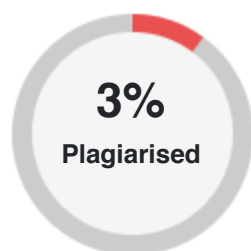


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The result of the research is described in table I, in which the average age sample is 35.42 ± 6.91 , the length of time they suffered HIV is 4.06 ± 3.21 and the length of therapy duration ART 3.74 ± 3.11 years. Most of the HIV/AIDS infected are Muslims, senior high school educated, housewives, have living children, have no child with HIV, undergoing ART, disclosed their HIV status to their sexual partner, undisclosed their HIV status to others and having better health perception. Most of the women with HIV / AIDS in this research were 35.42 ± 6.91 years old. They are categorized within the range of fertile age or the age of a person considered eligible to reproduce (15–49 years). The prevalence of HIV / AIDS for the aged 15-49 years in the Asian region, since 2015, is relatively stable at

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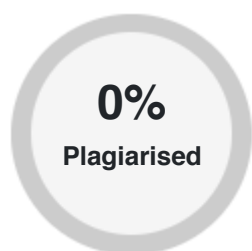


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The education level of most respondents in this study is senior high school (46.5%). Therefore, they are included in the higher education category. Some conceptual mechanisms have stated that more educated people have a lower risk of contracting HIV. Educated people are considered to have more ability in terms of socio-cognitive, ability to assimilate with information related to risk, and self-confidence to act by their knowledge compared to Educated individuals also have more income/wealth, able to control their lives, and act based on their knowledge. They can uphold their values in a higher position in the future, and they are more motivated to take preventive actions related to HIV / AIDS. However, other consequences also emerge as the result of the prosperity and education possessed by someone with higher education. People with higher education and wealth have greater opportunities to attract and have multiple partners. They also have greater access to networks of risky sexual activities, for example, sex workers and unsafe sex behaviors (Harling & Bärnighausen, 2016). Two effects brought by education on a person are the causes that allow HIV / AIDS sufferers in this study to occur more in women with higher education. Women with HIV / AIDS in this study stated that their profession is a housewife. The number is as many as 198 respondents (68.8%). This is in line with the research conducted by Rahmalia et al (Rahmalia et al., 2015) and Padyana et al (Padyana, Dinesha, Bhat, & Nawaz, 2013), which stated that women who were infected with HIV / AIDS were mostly housewives. The transmission of HIV in housewives mostly occurs due to the transmission through the husband / spouses of the women (Purwitasari, E.M; Isfandiari, 2013). The origin of HIV transmission from women with HIV in Yogyakarta is not clearly illustrated in this study. However, based on the data from the Victory Plus Foundation, most of the women who stated that their profession is housewives in this study had a history of having unsafe sex. Hence can be concluded that it is possible, that in addition to other risk behaviors, the history of being sex workers/having unsafe sex is also a pattern of HIV. This is also supported by the research conducted by Rahmalia et al (Rahmalia et al., 2015), which stated that the pattern of HIV transmission in women in Indonesia occurs in several ways, namely IDU / IDU history, sex workers / having a history of being sex workers and infected by sexual partners. Most women with HIV / AIDS in Yogyakarta were married (52.8%). Several studies have reported that marriage is a predictor of HIV cases. Marriage is considered as something that can prevent a person from contracting HIV and minimizes the spread of HIV. This happens when women and men who are HIV negative are married and stay loyal to their partners. Conversely, if a partner is infected with positive HIV or doing something at risk of contracting HIV, then he is at risk of infecting his partner with HIV (Kimani). Biological factors have also been reported as making it easier for women to be infected with HIV. This is because the anatomy of a female genital organ and the woman's obligation to give birth to a child make women more susceptible to be infected by HIV. Hence, in addition to contracting from their partners during sexual activity, married women can also be infected during the process of giving birth to a baby. Most of the women infected by HIV in this study have children (80.6%), and their children are not infected with HIV (87.5%). Previous studies have reported that limited education, employment opportunities, economic dependence, poor sexual negotiation, sexual violence, coercion and feminization of poverty, social norms and other socio-cultural practices, such as early marriage and forced marriage, have roles in the high rate of HIV/AIDS in women compared to men (Fagbamigbe et al., 2016). **Most of the women in this study were housewives.** Nearly half of these women, who declared themselves as housewives in this study, have a history of working as unsafe female sex workers. Based on research by Longo et al (Longo et al., 2017), female sex workers are closely related to economic difficulties. Women who are housewives or unemployed are vulnerable to income difficulties. Lacking or unable to find financial support from those closest to them, both from parents and partners, can force women to take risky actions, such as having sex repeatedly to gain income to meet their daily needs (Longo et al., 2017). Having children is closely related to the responsibility of raising and meeting the needs of the children. The responsibilities as mothers and lack of income, working/having a history of being female sex workers and being exposed to HIV can be the

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The women with HIV in this study had mostly suffered from HIV for 4.06 ± 3.21 years. All of them were taking antiretroviral therapy (100%) and have been on ART for 3.74 ± 3.11 years. UNAIDS stated that for nearly the last three decades, HIV infection is still a health problem that caught the world's attention. The increase in mortality and morbidity it brought hurts life expectancy in many developing and lagging countries (Maseko & Masuku, 2017). HIV-infected people need Anti-Retroviral Therapy (ART) to reduce mortality and prevent the emergence of new HIV transmission (Sianturi, Perwitasari, Islam, & Taxis, 2019). Anti-Retroviral (ARV) is the only drug designated as a therapy that can suppress viral replication, increase immunological outcomes, and reduce the risk of developing drug resistance in HIV patients (Kheswa, 2017). Along with the development of ART treatment and easier access for treatment of HIV/AIDS, patients also increasingly experience improved health conditions and able to live longer (Berhan & Berhan, Life expectancy is estimated to increase by approximately 35 years in people with HIV after the ART era in 2000 (Finocchiaro-Kessler et al., 2010). By taking ART, the health of the people with HIV / AIDS improved. This is proven by the large number of women with HIV / AIDS in this study who stated their health perception as improved by 73.3%. ART is a treatment that carried out throughout life and required adherence for the treatment to make it effective (Sianturi et al., 2019). AIDS is a complex disease syndrome that happens when a person's immune system declined. In people who are not compliant with ART treatment, symptoms of AIDS such as the decrease in appetite, weight gain, fatigue, mouth ulcers, diarrhea, and/or Kaposi's sarcoma appear more. The women with HIV / AIDS in this study were mostly compliant with antiretroviral treatment (85.4%). Hence, the perception of their health was also good. Most women with HIV / AIDS in this study have a permanent partner (75.3%) and are open to their sexual partners regarding their HIV / AIDS status (50.7%). The high number of women with HIV/AIDS who have permanent and married partners is because, in Indonesia, women who are late in marriage or choose not to marry are deemed as not meeting the expectations of socio-cultural demands. Hence, these women usually encounter negative experiences in social life and its impact on their psychological condition (Himawan, Bambling, & Edirippulige, 2018). The type of sexual partner is also related to the openness of seropositive HIV status. This is in line with research conducted by Vu et al (Vu et al., 2012) who found that women with steady partners were 2.7 times more open about their status. This is because, in a casual partner, a person feels less responsible for the condition of his partner (Deribe, Woldemichael, Wondafrash, Haile, & Amberbir, 2008). This can be caused by the fact that a relationship with a casual partner, especially without marital status, is considered an unstable relationship. Whereas in a steady relationship, a person feels concerned about the health condition of a partner and feels responsible for protecting his partner from HIV/AIDS. A steady relationship is also considered as a solid relationship where problems related to childcare, support for children's needs and earning a living become a common problem, especially when facing a situation where one partner is unable to do his job because of illness (Miller & Rubin, 2007). The finding of the high number of women with HIV / AIDS who disclosed their status to sexual partners is in line with research conducted by Rukmi & Darussalam (Rukmi & Darussalam, 2018), where around 79.4% of women with HIV / AIDS in Victory Plus, Yogyakarta are open to sexual partners. Women with HIV / AIDS in this study also chose to disclose their status to other people besides sexual partners. When someone is infected with HIV, he must consider several things. They are, among others, about death and the decision to tell his illness to others both friends, colleagues, family, and especially to sexual partners (Minson, 2014). Women with HIV seropositive do have the right to be open or not going to their status, but these infected patients are unable to control the reactions and behavior of others related to HIV seropositive status they have. The disclosure of seropositive HIV status has two opposite sides. On the one hand, the openness of positive HIV status can motivate sexual partners to do Voluntary Counseling and Test (VCT), reduce risky behavior, and increase support for adherence. On the other hand, the disclosure of HIV positive status can cause HIV seropositive women to experience some unpleasant things such as blame,

discrimination, rejection, depression, loss of economic support, and the destruction of family relationships (Gultie, Genet, & Sebsibie, 2015). Some of the positive things that emerged due to the disclosure of HIV status are the cause of women with HIV /AIDS in this study opted to be open



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